

June 25, 2010

Contact Exploration Inc.  
Suite 400  
750-11<sup>th</sup> Street S.W.  
Calgary Alberta  
T2P 3N7

ATTENTION: Mr. Raymond Sully, P.Eng  
Chief Operating Officer

**Initial Baseline Environmental Evaluation for Proposed Natural Gas Well at  
Edgetts Landing, PID 00613174, Albert County, New Brunswick**

Dear Mr. Sully:

Dillon Consulting is pleased to present the initial baseline environmental evaluation for the proposed natural gas well to be located on PID 00613174 in Edgetts Landing west of Route 114, near Hillsborough, NB (Refer to Figure 1). This site is the proposed location for a surface lease that would accommodate the construction of a new oil exploration well. This initial baseline evaluation is based on a review of available background information (completed as part of the environmental review conducted by Dillon in June 2010) and a site walk-over conducted on June 21, 2010. The purpose of this baseline evaluation was to determine the site-specific observable environmental condition and natural features of the proposed surface lease location prior to preparing the site for drilling.

## **BACKGROUND**

The proposed Edgetts Landing surface lease, located southeast of Moncton, NB, consists of undeveloped and previously harvested forest land. Contact Exploration Inc. is investigating the potential for further development at this property (i.e. preparation of the surface lease and upgrading of the existing access road on the property).

The site walk-over was conducted by a Recognized Wetland Delineator (senior biologist) and an intermediate biologist. These biologists have a combination of experience related to terrestrial and aquatic habitat assessment as well as site

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contaminant management and remediation. The site walkover was used in addition to the review of existing background data (e.g., Species at Risk information, wetland mapping) in order to confirm what conditions were existing at the site.

The following sections summarize the review of existing background information and the observations made during the site walk-over.

## **SUMMARY OF FINDINGS**

### **General Site Conditions**

The field survey (walk-over) was conducted within and around the proposed surface lease in Edgetts Landing (PID #00613174). Permission was obtained from the property owner, Mr. Allan Woodworth on behalf of his mother Ms. Rowena Woodworth, at the time of the assessment, and prior to accessing the land.

### **Current Environmental Conditions**

#### *Forest Habitat Information*

The proposed site has had varying degrees of activity from both present and past forestry activities. According to discussions with Mr. Woodworth, the property had been harvested (clear cut) approximately 5 years ago. This area consists of an immature mixed forest stand dominated by softwood trees. The current forest cover conditions on site consist primarily of regeneration dominated by balsam poplar (*Populus balsamifera*), red raspberries (*Rubus idaeus*), golden rod (*Solidago canadensis*) and willow (*Salix sp.*). Other less dominant species noted in the area were common to clear cut/regenerating habitats within New Brunswick.

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*Previously harvested area on proposed surface lease location at Edgetts Landing (PID 00613174)*

The mixed forest habitat bordering this habitat located west of the property consists of immature to mature stands of balsam fir (*Abies balsamea*), white spruce (*Picea glauca*), white birch (*Betula papyrifera*) and balsam poplar (*Populus balsamifera*). There was no evidence of surface contamination or stressed vegetation within or in immediate proximity to the proposed surface lease location. The plant species identified in this area are commonly found in this habitat and do not present any unique or sensitive status within the province of New Brunswick.



*Forest habitat bordering the north end of the proposed surface lease area At Edgetts Landing*

The Edgetts Landing surface lease is approximately 1.2 ha in size, with dimensions of 110 m by 110 m. Well center is located greater than 300 m from the nearest residential property located on Rte 144.

#### *Wildlife Use*

There is evidence of wildlife use (e.g., deer, moose, raccoons, coyote, birds, and snowshoe hare) at this site in the form of tracks, browse, visual sightings and droppings. Currently, there are two access points to this property, one located east of the property from Route 144 and one located north of the property from Kings Quarry Road. It is unknown at this time which access road will be used by Contact Exploration, however, both roads will require some upgrading to allow for the vehicles, drill rig, and other equipment to access the surface lease.

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*Aquatic Habitat Information*

The surface water drainage flows to the south and drains towards Canadian Brook. The main channel of this brook is located approximately 500 m south and the closest 1:10,000 mapped watercourse is located greater than 30 m from the boundaries of the surface lease. According to the DNR depth to water table mapping, there is a low potential to encounter wetlands or watercourse within the surface lease area. The modeling was confirmed in the field as no surface water drainages or watercourses were observed in the immediate footprint or within 30 m of the proposed surface lease. A small dry watercourse with associated riparian wetland habitat was located approximately 150 m southwest of the well center (e.g. approximately 100 m southwest of the surface lease boundary).



*Small (<0.5 m) watercourse channel and riparian wetland located approximately 150 m from the proposed well center at Edgetts Landing*

### Environmentally Sensitive Areas

Review of available information for the study area has indicated that none of the following environmentally significant areas are in proximity to the proposed surface lease:

- Important Bird Areas;
- Environmentally Significant Areas;
- Ramsar Sites;
- New Brunswick Protected Watersheds;
- Heritage Sites;
- Migratory Bird Sanctuaries;
- National Wildlife Areas; and/or
- New Brunswick Protected Natural Areas.

#### > *Protected Wellfield*

The Hillsborough Protected Wellfield boundary is located approximately 600 m to the west of the Edgetts Landing site. Appropriate measures should be taken to verify the quality and quantity of water within the aquifer prior to drilling activities.

#### > *Species of Concern*

The New Brunswick Department of Natural Resources (NBDNR) has identified the following records in the DNR Species at Risk Database within a 5 km radius of the proposed surface lease: a Bald Eagle (*Haliaeetus leucocephalus*) (NB Endangered) nest site on Weldon Creek just east of Rte 114, and a Peregrine Falcon (NB Endangered, and listed as Endangered on Schedule 1 of the federal Species at Risk Act) site on the Petitcodiac River located approximately 1.0 km west of the proposed surface lease. These records have been established for some time in relation to the Bald Eagle and the Peregrine Falcon. It is not likely that the activities associated with the development of the surface lease or the exploration for natural resources will affect the nesting activities of these bird species.

The Atlantic Canada Conservation Data Centre (ACCDC) has provided information on Species at Risk potentially occurring within a 5 km radius of the surface lease.

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Refer to the ACCDC information attached. The ACCDC data list has identified eight (8) flora species ranking from S1 (extremely rare) to S3S4 (uncommon to widespread) and 20 fauna species, including two (2) fish species, two (2) wildlife species and 16 bird species ranking from S1 to S3S4. There were no plant, bird, or wildlife species records noted within the property in question. During the site visit, there were no species of concern, or their habitat, observed in the are of the surface lease.

➤ *Heritage Sites*

A review of the potential to encounter areas of archaeological or heritage significance was previously completed by Dillon for Contact's well at Shenstone (G-75-2328), a property approximately 3 km to the northwest off Fairview Road. That information has been used in this report.

According to the New Brunswick Historic Places Unit of the Heritage Branch, Department of Wellness, Culture and Sport, there are no designated Provincial Historic Sites or Districts within the area of the proposed well. Currently there is one designated Provincial Historic Site located approximately 1 km west of the study area, west of Albert Mines known as the Albert Mines Provincial Historic Site, it covers 324 ha (PID 00614446). This Historic Site is located beyond the Edgetts Landing site.

The Canadian Inventory of Historic Buildings (CIHB) indicates 77 inventoried historic structures in Hillsborough. In addition a database search for other surrounding communities in the study area was undertaken. The results indicate an additional 118 structures inventoried in the following communities; Albert Mines (24), Edgetts Landing (35), Greys Island (0), Isaiah Corner(0), Oak Hill(0), Pound Hill (0), Salem (3), Steevescote (0), Surrey (43) and Weldon (13) substantiating the long cultural history of this region.

➤ *Groundwater*

Oil and gas exploration wells are generally terminated at much greater depths than domestic water wells and the drilling programs must meet specific standards that are

protective of the aquifers in the area. As a precautionary measure and to establish a baseline reading, a domestic water sample will be collected from the wells located on all properties located within 300 m of the Edgetts Landing well prior to exploration activities.

### **Conclusions**

The proposed surface lease appears to have no identified significant or adverse environmental concerns at the proposed location.

Due to the proximity of the surface lease in relation to the boundary of the Protected Wellfield (600 m) Contact Exploration may want to determine the baseline water quality of the municipal well and the aquifer quantity from which it draws. Steps should be taken to preserve the quality and quantity of the water resource. With the proper drilling practices and mitigation measures in place, it is not likely that the exploration activities will result in significant adverse effects to the wellfield.

Contact Exploration should identify and implement appropriate measures (mitigation and contingency plans) to prevent accidents, including proper handling of petroleum product and waste handling during the construction activity.

Contact Exploration should also ensure that project activities have been appropriately permitted and/or approved by the relevant government departments.

With the exception of the potential for discovery of previously contaminated soils, it is unlikely that activities proposed to install an oil exploration well at this location will result in a negative residual impact on the surrounding environment.

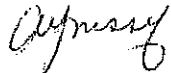


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We trust that the information contained in this letter is satisfactory for your needs at this time. Should you have any questions, please do not hesitate to contact the undersigned.

Yours sincerely,

**DILLON CONSULTING LIMITED**



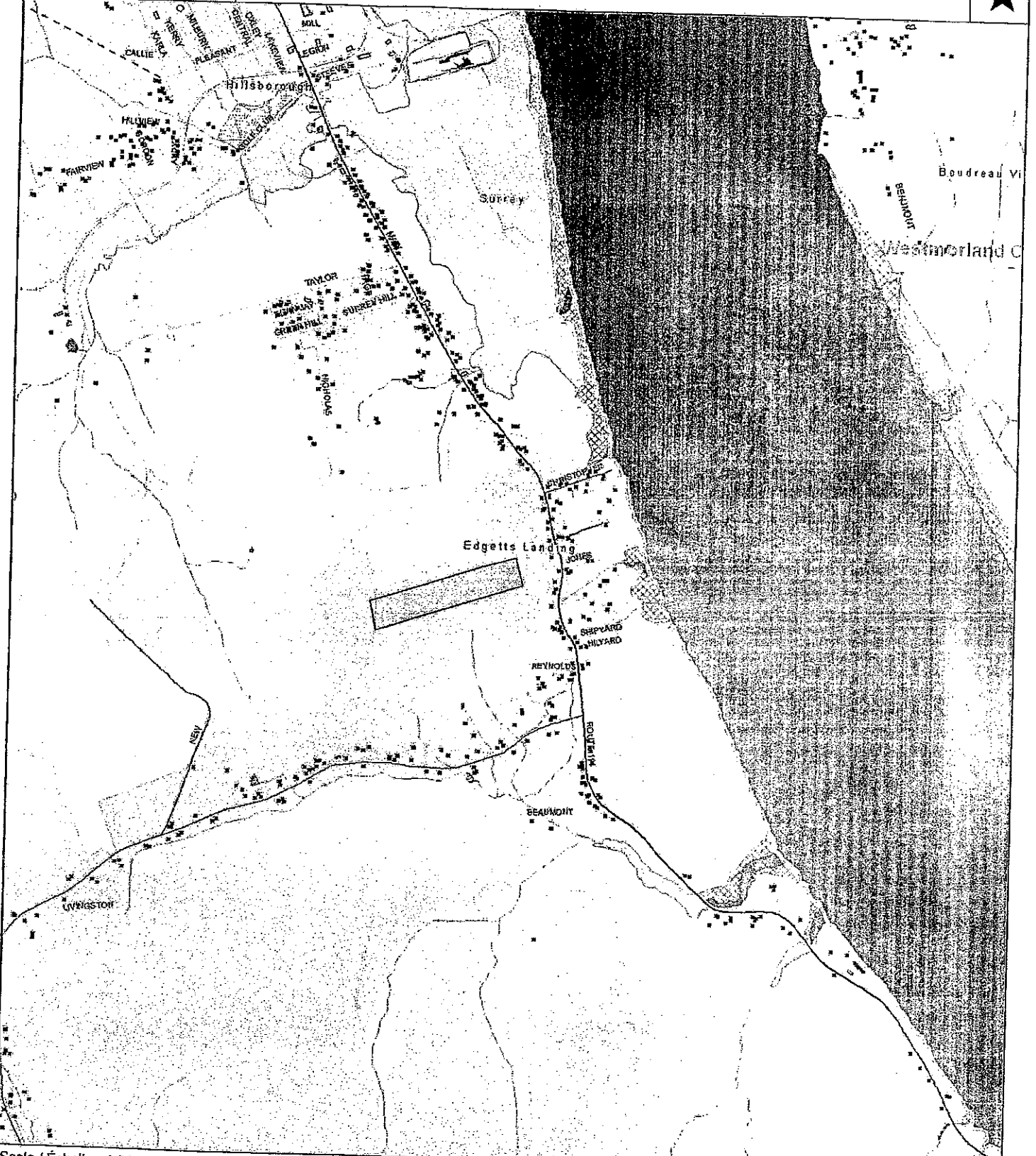
Andrea Youssef, M.Sc.C.E. (Environment)  
Regulatory Coordinator

AJY/  
attachments.

**Our File: 10-3360**

## **ATTACHMENTS**





Scale / Échelle - 1:26769

Date: 2010-6-7

Printed By / Imprimé par:

While this map may not be free from error or omission, care has been taken to ensure the best possible quality. This map is a graphical representation of natural and man made features which approximates the size, configuration and location of the features. This map is not intended to be used for legal descriptions or to calculate exact dimensions or area. SNB makes no representations or warranties, either expressed or implied, as to the accuracy of the information presented and the client assumes the entire risk as to the use of any or all information.

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InternalCountyBoundaries

InternalCountyBoundaries

Counties

Civic\_Addresses

Airports

Labels\_ArcCanadaPlaces

NB\_ArcCanadaPlaces

ArcCanada Popular Places

Buildings

Contours

Rail Roads:

RRRR

RRRR04

Utility Lines:

FCODE:

Pipelines

Sewage settling pond

Electrical transformer

Tank

Electrical lines

DPS Road Labels

DOTRoads above 1M:

FCODE:

Arterial Highway

Collector Highway

Local Gravel Road

Local Numbered Highway

Local Other Road

Local Paved Road

Trans Canada Highway

Ramp

DOTRoads above 1M to 250k:

FCODE:

Arterial Highway

Collector Highway

Local Gravel Road

Local Numbered Highway

Local Other Road

Local Paved Road

Trans Canada Highway

Ramp

DOTRoads above 250k to 32k:

FCODE:

Arterial Highway

Collector Highway

Local Gravel Road

Local Numbered Highway

Local Other Road

Local Paved Road

Trans Canada Highway

Ramp

DOTRoads below 32k:

FCODE:

Arterial Highway

Collector Highway

Local Gravel Road

Local Numbered Highway

Local Other Road

Local Paved Road

Trans Canada Highway

Ramp

SNB Roads to 32K:

FCODE:

Bridge

Bridge, under construction

Bridge, ruin

Foot bridge

Ferry crossing

Ferry crossing, abandoned

Overpass

Road, Arterial

Road, Collector

Road, Local gravel

Road, Local numbered

Road, Local other

Road, Local paved

Road, Municipal

Road, National

Road, Resource

Road, All weather

Road, Dry weather

Road, Trail

Road, Ramp

Road, Under construction

Tunnel entrance

SNB Roads below 32K:

FCODE:

Bridge

Bridge, under construction

Bridge, ruin

Foot bridge

Ferry crossing

Ferry crossing, abandoned

Overpass

Road, Arterial

Road, Collector

Road, Local gravel

Road, Local numbered

Road, Local other

Road, Local paved

Road, Municipal

Road, National

Road, Resource

Road, All weather

Road, Dry weather

Road, Trail

Road, Ramp

Road, Under construction

Tunnel entrance

Hydrography Structures:

FCODE:

Dam, Beaver

Breakwater

Backshore beach

Dyked land

Dune

Backshore rock

Backshore rock platform

Hydrographic feature

Dam, human-made

Dam, abandoned

Dyke/Levee

Lake island

ArcCanada Rivers

Municipal Areas Labels

Building Footprints

Hydrography Regions:

FCODE:

Backshore beach

Dyked land

Dune

Exclusion area

Man-made feature

Backshore rock platform

ETB96 island

Lake island

Stream or river island

River lake island

NB\_Rivers:

FCODE:

WACFOH20

WADI

WARS10

WARVLK20

WARVLKIS10

WARVSL

WARVSP

Water:

FCODE:

Coastal, Marsh

Water

ETB96 Coastal

Lake

Reservoir

River

River lake

Swamp

NB\_ArcCanadaRivers

ArcCanada Lakes

Submerged Land  
Management

Water

New Brunswick

Hillshade 100m:

Value:

High : 251

Low : 39

Provincial Parks

National Parks

Protected Areas

First Nations Land

Provincial Crown Lands

Military Base

Municipal Areas

NB\_DEM\_10m:

Value:

High : 814.124

Low : -4.0908

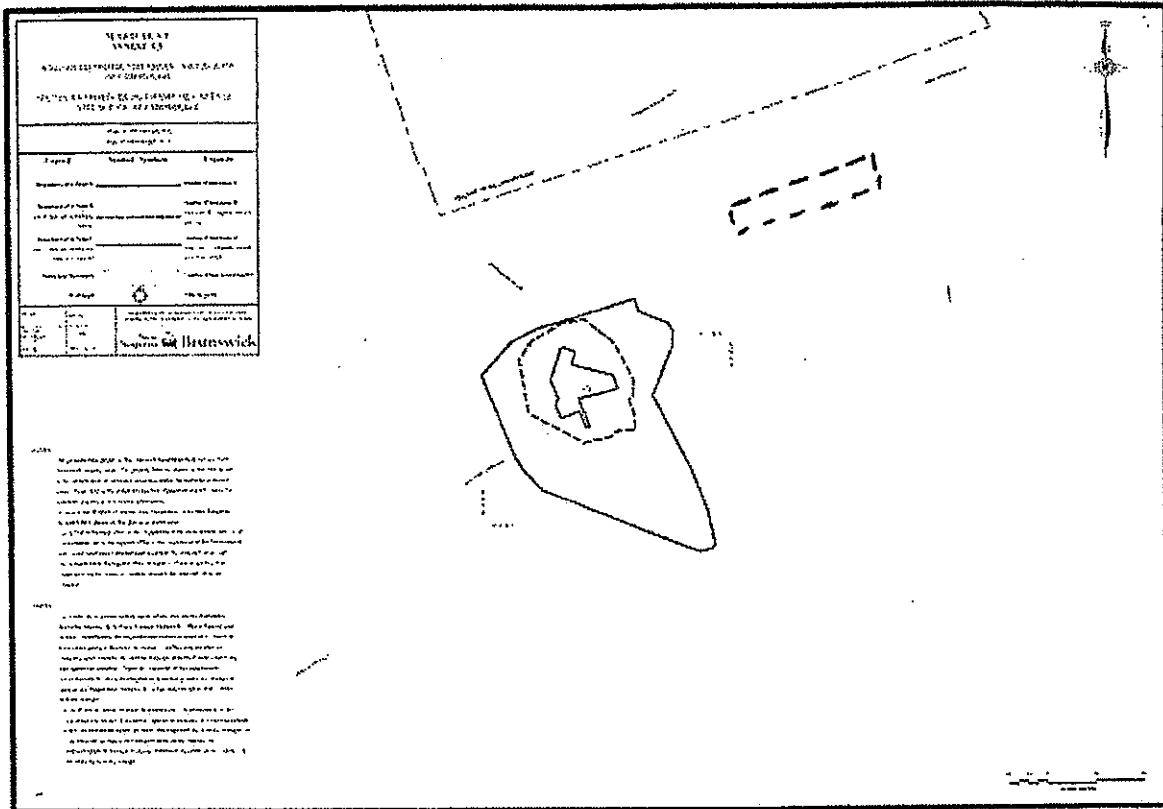
Provincial Background

Water Background

Parcels

Civic\_Addresses

Schedule A.5 / Annexe A.5



Hillsborough Wellfield Protected Area

2002-93

Edgetts Landing PID



## **DATA REPORT 4006: Edgetts Landing, NB**

Prepared 10 June, 2010  
by S.H. Gerriets

### **CONTENTS OF REPORT**

- 1.0 Preface**
  - 1.1 Caveats
  - 1.2 Additional Information
- 2.0 Study Area Results**
  - 2.1 Flora
  - 2.2 Fauna
  - Map 1: Flora and Fauna
- 3.0 Special Areas**
  - 3.1 Managed Areas
  - 3.2 Significant Areas
  - Map 2: Special Areas
- 4.0 Taxa Lists**
  - 4.1 Fauna
  - 4.2 Flora
- 5.0 Source Bibliography**

### **1.0 PREFACE**

The Atlantic Canada Conservation Data Centre (ACCDC) is part of a network of circa 85 NatureServe data centres & heritage programs in 50 states, 10 provinces and 1 territory, plus several Central and South American countries. The NatureServe network is more than 30 years old and shares a common conservation data methodology. The ACCDC was founded in 1997, and maintains data for the jurisdictions of New Brunswick, Nova Scotia, Prince Edward Island, Newfoundland and Labrador. Although a non-governmental agency, the ACCDC is supported by 6 federal agencies, plus 4 provincial governments, outside grants and data processing fees. URL: [www.ACCDC.com](http://www.ACCDC.com).

Upon request and for a fee, the ACCDC provides known observation data for rare and endangered flora and fauna, in and near a specified study area. As a supplement to that data, the ACCDC includes locations of managed areas with some level of protection, and also known sites of ecological interest. Data attached to our e-mail response as \*.dbf files may be opened from within data software (e.g. Excel, Access) or mapped in GIS (e.g. ArcView, MapInfo, AutoCAD).

#### **1.1 CAVEATS**

The ACCDC makes a strong effort to verify the accuracy of all the data that it manages, but it shall not be held responsible for any inaccuracies in data that it provides. By receiving ACCDC data, recipients assent to the following limits of use:

- a.) Data is restricted to use by the specified Data User; any third party requiring data must make its own data request.
- b.) The ACCDC requires Data Users to cease using and delete data 12 months after receipt.
- c.) ACCDC data responses are restricted to that data in our Data System at the time of the data request.
- d.) Data is qualified as to location (Precision) and time (SurveyDate); cf Data Dictionary for details.
- e.) ACCDC data reports are not to be construed as exhaustive inventories of taxa in an area.
- f.) The non-occurrence of a taxon cannot be inferred by its absence in an ACCDC data report.

#### **1.2 ADDITIONAL INFORMATION**

Please direct biological questions about ACCDC data to: Sean Blaney, ACCDC: (506) 364-2658, and technical data queries to: Stefan Gerriets, ACCDC: (506) 364-2657.

For provincial information on rare taxa and protected areas, or information on game animals, deer yards, old growth forest, archeological sites, fish habitat etc, please contact Stewart Lusk, NBDNR: (506) 453-2440.

For more specific information about Peregrine Falcon locations, please contact: Diane Amirault, CWS: (506) 364-5060.



## 2.0 RARE AND ENDANGERED TAXA

A 5km buffer around the study area contains a relatively moderate-to-large (quintile 4) density of taxa records: 109 records of 28 taxa from 23 sources. (Data Density: 1.39 rec/km<sup>2</sup>).

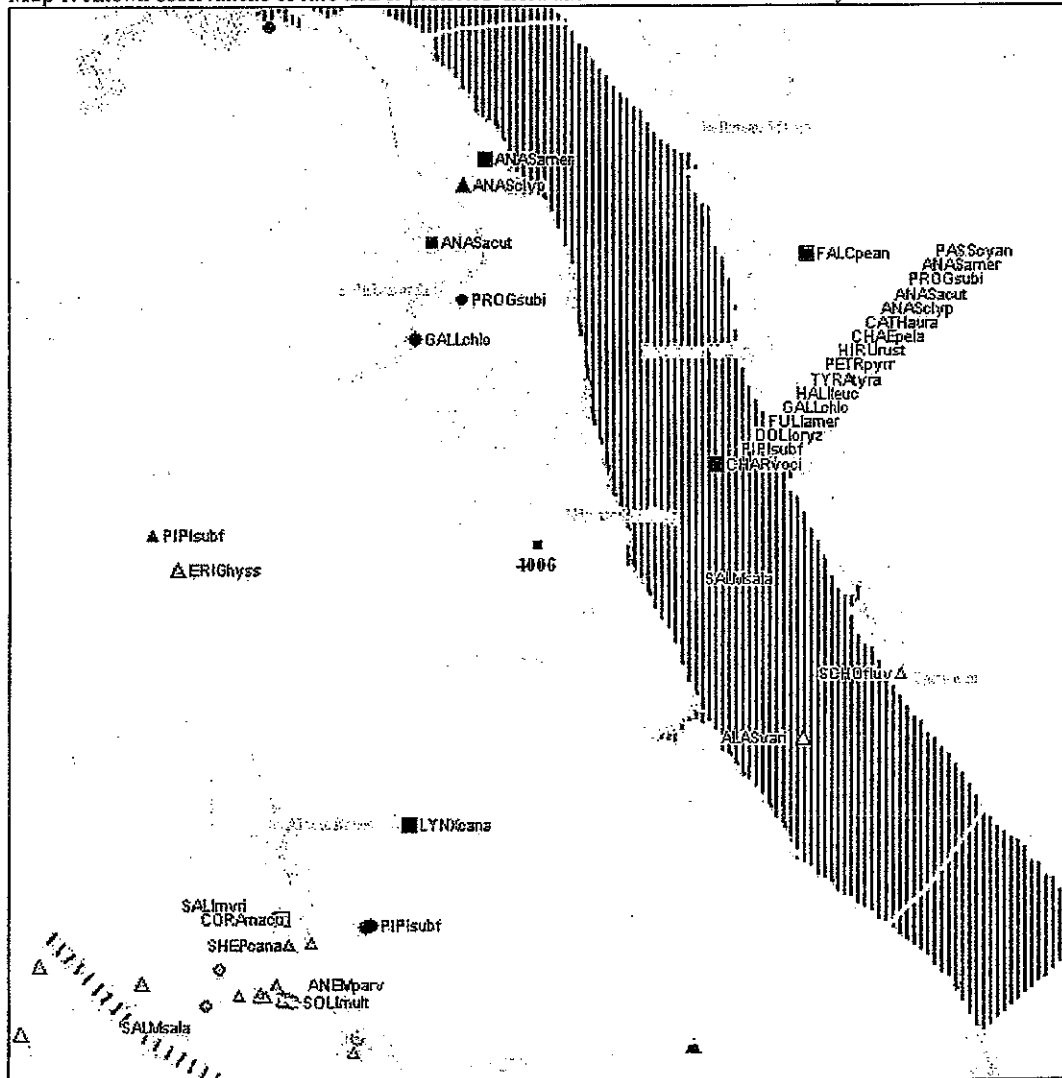
### 2.1 FLORA

A 5km buffer around the study area contains 46 records of 8 vascular, 0 records of nonvascular flora (see attached \*ob.dbf).

### 2.2 FAUNA

A 5km buffer around the study area contains 62 records of 19 vertebrate, 1 record of 1 invertebrate fauna (cf attached \*ob.dbf). Sensitive data: Wood Turtles are PRESENT in the study area (cf attached WOTU.rtf). Peregrine Falcons are PRESENT in the study area (cf attached PEFA.rtf).

Map 1: Known observations of rare and/or protected flora and fauna within buffered study area.



#### RESOLUTION

- 4.7 within 50s of kilometers
- 4.0 within 10s of kilometers
- 3.7 within 5s of kilometers
- △ 3.0 within kilometers
- △ 2.7 within 500s of meters
- ◇ 2.0 within 100s of meters
- ◇ 1.7 within 10s of meters

#### HIGHER TAXON

- vertebrate fauna
- invertebrate fauna
- vascular flora
- nonvascular flora

#### FW FISH

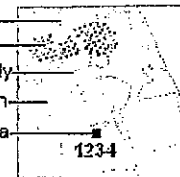
- waterbody
- streams

#### MARINE

- mammals
- fish
- larvae

#### roads

- wetland
- waterbody
- vegetation
- study area



### 3.0 SPECIAL AREAS

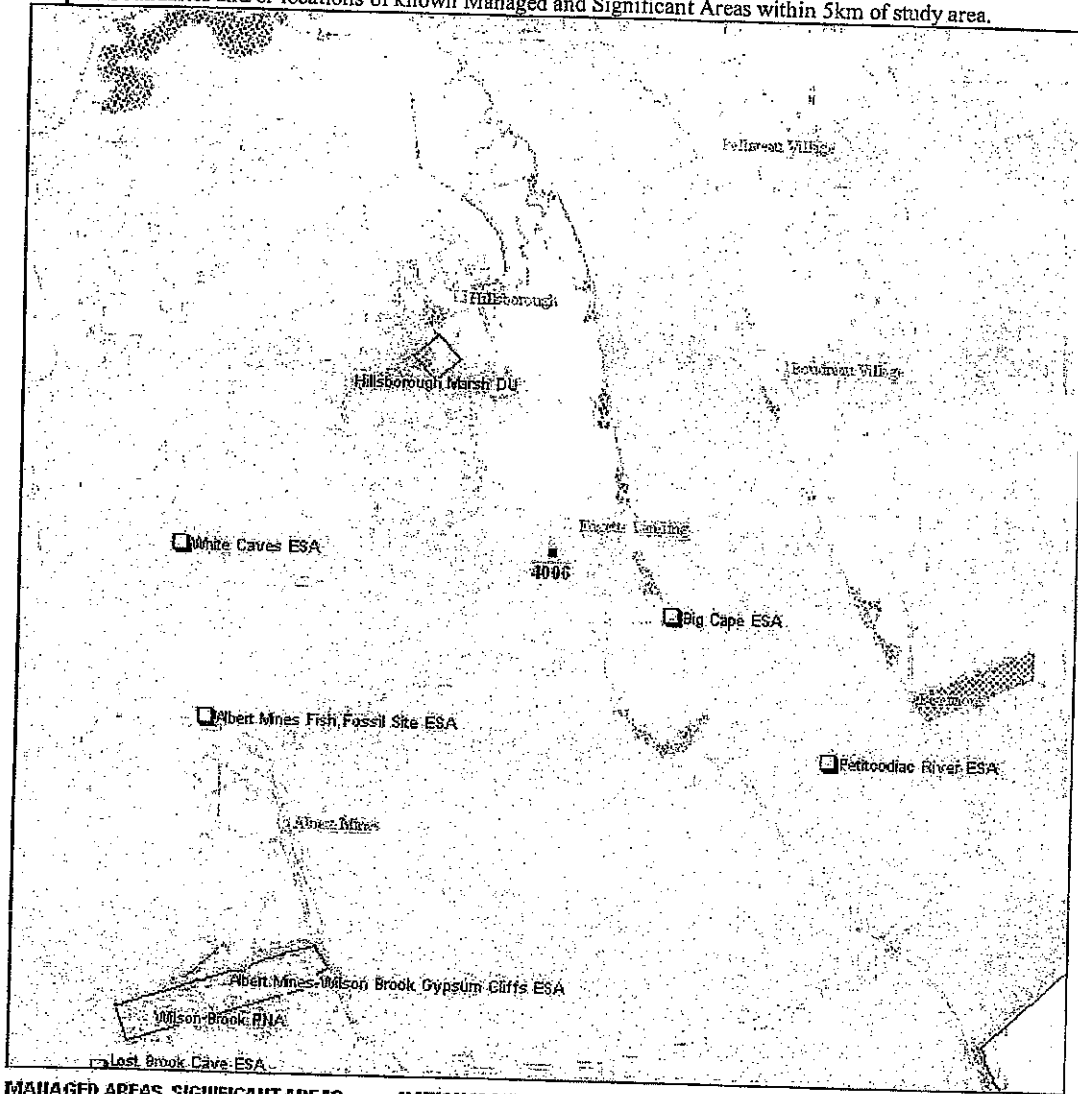
#### 3.1 MANAGED AREAS

The GIS scan identified 2 Managed Areas with some degree of protected status, in the vicinity of the study area (see attached \*ma.dbf).

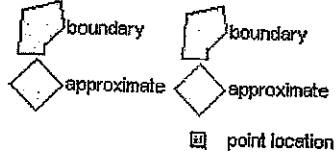
#### 3.2 SIGNIFICANT AREAS

The GIS scan also identified 5 biologically significant sites in the vicinity of the study area; such sites are known for exceptional biotic richness but may or may not have legal status (see attached \*sa.dbf).

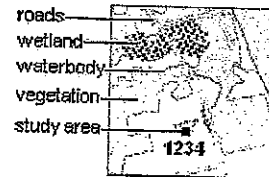
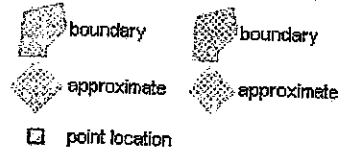
**Map 2: Boundaries and/or locations of known Managed and Significant Areas within 5km of study area.**



#### MANAGED AREAS SIGNIFICANT AREAS



#### NATIONAL DEFENSE FIRST NATIONS



## 4.0 TAXON LISTS

Rare and/or endangered taxa within the buffered area listed in order of concern, beginning with legally listed taxa, with the number of observations per taxon and the distance in kilometers from study area centroid to the closest observation.

### 4.1 FLORA

| Scientific name                   | Common name            | COSEWIC | Provincial | Srank | obs | dist.km |
|-----------------------------------|------------------------|---------|------------|-------|-----|---------|
| <i>Salix myrtillofolia</i>        | Blueberry Willow       |         |            | S1    | 20  | 4 ±0.5  |
| <i>Solidago multiradiata</i>      | Multi-rayed Goldenrod  |         |            | S1    | 9   | 5 ±0.1  |
| <i>Anemone parviflora</i>         | Small-flowered Anemone |         |            | S2    | 7   | 4 ±0.5  |
| <i>Shepherdia canadensis</i>      | Scapberry              |         |            | S2    | 4   | 5 ±0.5  |
| <i>Schoenoplectus fluviatilis</i> | River Bulrush          |         |            | S2S3  | 2   | 4 ±0.5  |
| <i>Salix myricoides</i>           | Bayberry Willow        |         |            | S3    | 1   | 4 ±1    |
| <i>Erigeron hyssopifolius</i>     | Hyssop-leaved Fleabane |         |            | S3    | 2   | 4 ±1    |
| <i>Corallorhiza maculata</i>      | Spotted Coralroot      |         |            | S3S4  | 1   | 4 ±10   |

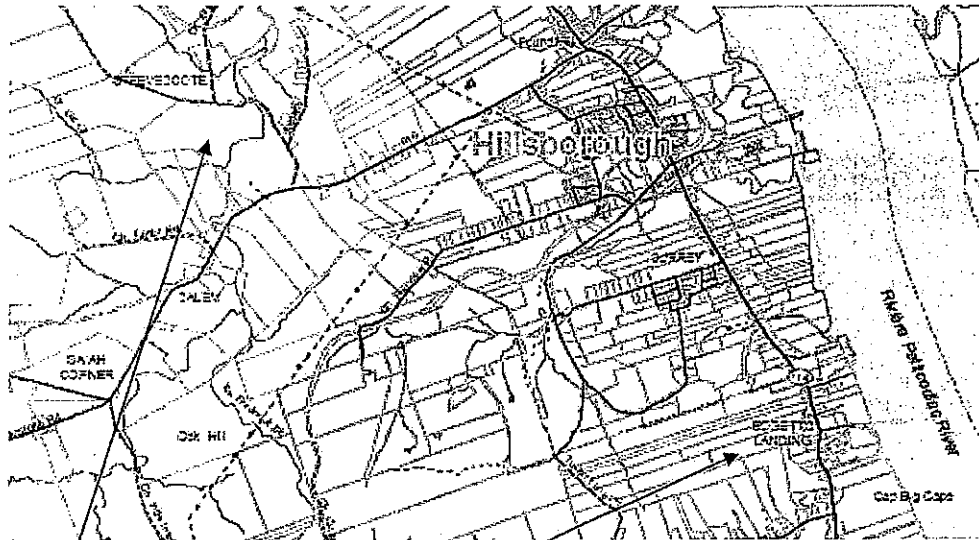
### 4.2 FAUNA

| Scientific name                 | Common name                | COSEWIC | Provincial     | Srank | obs | dist.km |
|---------------------------------|----------------------------|---------|----------------|-------|-----|---------|
| <i>Salmo salar</i> pop 1        | Atlantic Salmon - Inner    |         | E              | S2    | 1   |         |
| <i>Lynx canadensis</i>          | Canada Lynx                | NAR     | Reg.Endangered | S1    | 1   | 3 ±10   |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle                 | NAR     | Reg.Endangered | S3B   | 2   | 2 ±5    |
| <i>Fulica americana</i>         | American Coot              | NAR     |                | S2B   | 2   | 2 ±5    |
| <i>Falco peregrinus anatum</i>  | Peregrine Falcon anatum sp | SC      | Endangered     | S1B   | 18  | 4 ±50.1 |
| <i>Alasmidonta varicosa</i>     | Brock Floater              | SC      |                | S1S2  | 1   | 3 ±1    |
| <i>Chaetura pelagica</i>        | Chimney Swift              | T       |                | S2S3B | 1   | 2 ±5    |
| <i>Dolichonyx oryzivorus</i>    | Bobolink                   | T       |                | S3S4B | 4   | 2 ±5    |
| <i>Progne subis</i>             | Purple Martin              |         |                | S1S2B | 2   | 2 ±5    |
| <i>Gallinula chloropus</i>      | Common Moorhen             |         |                | S1S2B | 4   | 2 ±5    |
| <i>Perimyscus subflavus</i>     | Eastern Pipistrelle        |         |                | S2?   | 5   | 2 ±10   |
| <i>Anas clypeata</i>            | Northern Shoveler          |         |                | S2B   | 2   | 2 ±5    |
| <i>Passerina cyanea</i>         | Indigo Bunting             |         |                | S3B   | 1   | 2 ±5    |
| <i>Hirundo rustica</i>          | Barn Swallow               |         |                | S3B   | 5   | 2 ±5    |
| <i>Charadrius vociferus</i>     | Killdeer                   |         |                | S3B   | 1   | 2 ±5    |
| <i>Cathartes aura</i>           | Turkey Vulture             |         |                | S3B   | 1   | 2 ±5    |
| <i>Anas americana</i>           | American Wigeon            |         |                | S3B   | 3   | 2 ±5    |
| <i>Anas acuta</i>               | Northern Pintail           |         |                | S3B   | 4   | 2 ±5    |
| <i>Petrochelidon pyrrhonota</i> | Cliff Swallow              |         |                | S3S4B | 5   | 2 ±5    |
| <i>Tyrannus tyrannus</i>        | Eastern Kingbird           |         |                | S3S4B | 3   | 2 ±5    |

## 5.0 SOURCE BIBLIOGRAPHY

The recipient of this data shall acknowledge the ACCDC and the data sources of the dataset in any documents, reports, publications or presentations, in which this dataset makes a major contribution. The sources listed below contributed data contained in this report:

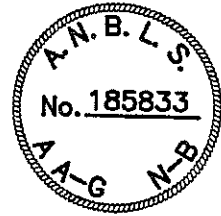
| recs | source  |
|------|---|
| 22   | Erskine, A.J. 1992. Maritime Breeding Bird Atlas Database. NS Museum & Nimbus Publ, Halifax, 82,125 recs.   |
| 21   | Benedict, B. Connell Herbarium Specimens. University New Brunswick, Fredericton. 2003.  |
| 14   | Lepage, D. 2009. Maritime Breeding Bird Atlas Database. Bird Studies Canada, Sackville NB, 143,498 recs.  |
| 9    | Clayden, S.R. 1988. NBM Science Collections databases: vascular plants. New Brunswick Museum, Saint John NB, 19759 recs.                                      |
| 8    | Stewart, J.I. 2010. Peregrine Falcon Surveys in New Brunswick, 2002-09. Canadian Wildlife Service, Sackville NB, 59 recs.                                     |
| 6    | Tims, J. & Craig, N. 1995. Environmentally Significant Areas in New Brunswick (NBESA). NB Dept of Environment & Nature Trust of New Brunswick Inc, 6042 recs. |
| 6    | Hinds, H.R. 1999. Connell Herbarium Database. University New Brunswick, Fredericton, 131 recs.  |
| 3    | Pike, E., Tingley, S. & Christie, D.S. 2000. Nature NB Listserve. University of New Brunswick, listserv.umb.ca/archives/naturenb. 68 recs.                    |
| 2    | McAlpine, D.F. 1983. Status & Conservation of Solution Caves in New Brunswick. New Brunswick Museum, Publications in Natural Science, no. 1, 28pp.            |
| 2    | Hinds, H.R. 1986. Notes on New Brunswick plant collections. Connell Memorial Herbarium, unpubl, 739 recs.   |
| 2    | Benedict, B. Connell Herbarium Specimen Database Download 2004. Connell Memorial Herbarium, University of New Brunswick. 2004.                                |
| 2    | Amirault, D.L. 2005. 2005 Peregrine Falcon Survey. Canadian Wildlife Service, Sackville NB, unpublished data. 27 recs.  |
| 2    | Amirault, D.L. 2003. 2003 Peregrine Falcon Survey. Canadian Wildlife Service, Sackville NB, unpublished data. 7 recs.   |
| 2    | Amirault, D.L. 1999. 1999 Peregrine Falcon Survey. Canadian Wildlife Service, Sackville NB, unpublished data. 9 recs.   |
| 1    | Toner, M. 2001. Lynx Records 1973-2000. NB Dept of Natural Resources, 29 recs.  |
| 1    | Stoltz, M.C., 2008. NBM Science Collections databases: mammals. New Brunswick Museum, Saint John NB, download Jan. 2008, 4983 recs.                           |
| 1    | McAlpine, D.F. 1998. NBM Science Collections databases to 1998. New Brunswick Museum, Saint John NB, 241 recs.  |
| 1    | Hicks, A. 2009. Coastal Waterfowl Surveys Database, 2000-08. Canadian Wildlife Service, Sackville NB, 46491 recs (11153 non-zero).                            |
| 1    | Clayden, S.R. 2007. NBM Science Collections databases: vascular plants. New Brunswick Museum, Saint John NB, download Mar. 2007, 6914 recs.                   |
| 1    | Benedict, B. Connell Herbarium Specimen Data . University New Brunswick, Fredericton, 2003.   |
| 1    | Amirault, D.L. 2000. 2000 Peregrine Falcon Survey. Canadian Wildlife Service, Sackville NB, unpublished data. 7 recs.   |
| 1    | Amirault, D.L. 1988. Status of Peregrine Falcon Recovery Efforts in the Bay of Fundy. Canadian Wildlife Service, Annual Report, 1 rec.                        |
| 1    | Department of Fisheries and Oceans 2001. Atlantic Salmon Maritime provinces overview for 2000.  |



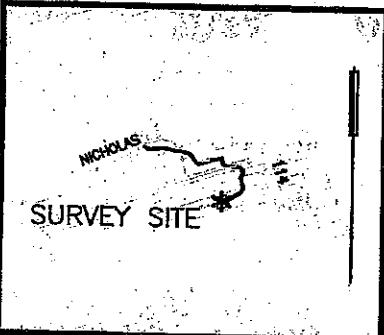
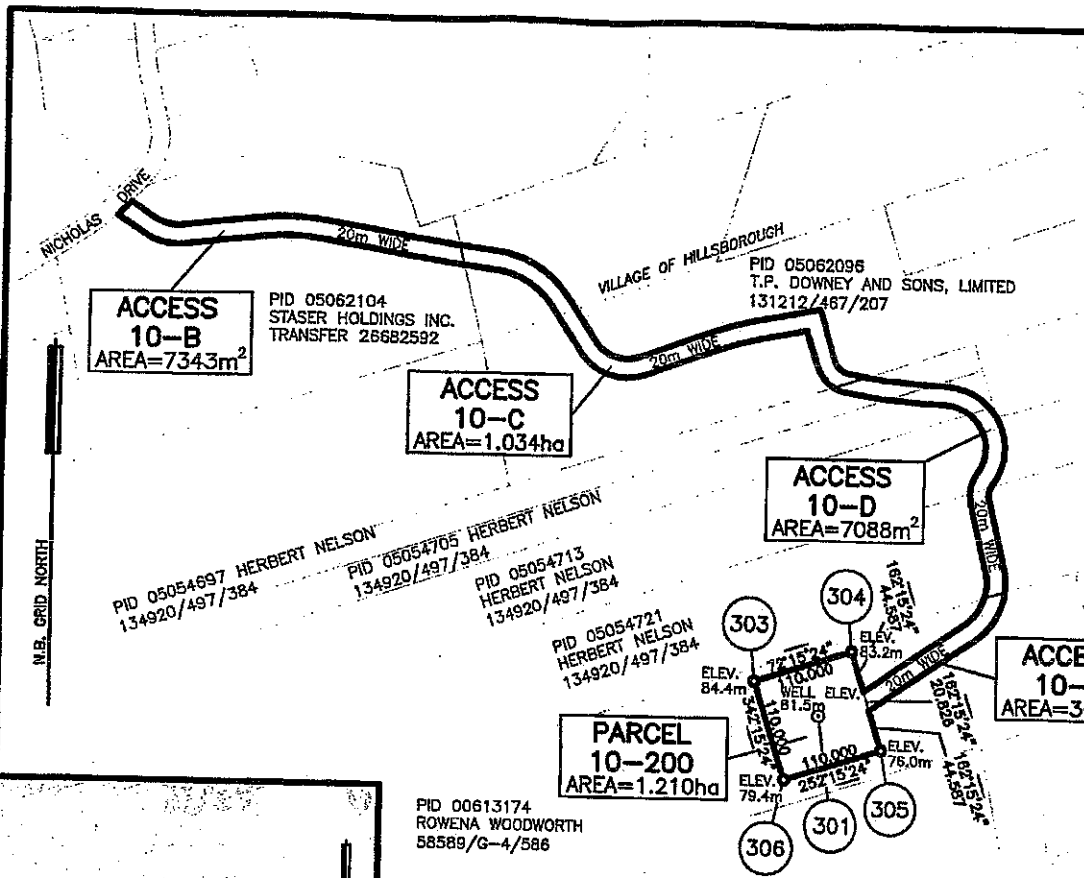
Section of Albert County covered by Rural Plan Regulation – Green

Salem property (PID 00615468) is located within the zoned area regulated by the Greater Moncton District Planning Commission. A request will be made to the GMDPC regarding the exploration activities as a permitted use.

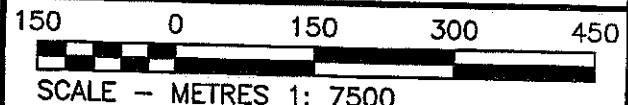
Edgetts Landing (PID 00613174) is located south of the Hillsborough Village limits and outside the area regulated by the GMDPC. It is anticipated that the exploration activities are a permitted use in this location. This will be confirmed with the GMDPC.



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SURVEY PLAN TO ACCOMPANY LEASE  
**EDGETT'S LANDING WELL SITE**  
 PREPARED FOR THE BENEFIT OF  
**CONTACT EXPLORATION INC.**  
 SOUTH WEST OF ROUTE 114  
 EDGETT'S LANDING  
 PARISH OF HILLSBOROUGH  
 COUNTY OF ALBERT  
 PROVINCE OF NEW BRUNSWICK



DRAWN BY: SL CHECKED BY: WD

**SURVEYOR'S STATEMENT:**  
 I, WARREN E. DAIGLE N.B.L.S., DO HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND ABILITY THIS PLAN CORRECTLY DEPICTS ANY RESEARCH, FIELD WORK AND COMPUTATIONS UNDERTAKEN FOR THIS PROJECT.  
 DATE: JUNE 29, 2010  
*Warren E. Daigle*  
 WARREN E. DAIGLE N.B.L.S.

SURVEYED BY: WARREN E. DAIGLE N.B.L.S. # 308  
 FIELD SURVEY COMPLETED: JUNE 23, 2010

**DAIGLE SURVEYS** LTD  
 1090 COVERDALE ROAD, RIVERVIEW, NB E1B 5G5  
 TELEPHONE (506) 387-4073 FAX (506) 387-7926

**KEY PLAN**

N.B. GRID COORDINATE VALUES NAD83 (CSRS)

| POINT | EASTING (m) | NORTHING (m) | DESCRIPTION    |
|-------|-------------|--------------|----------------|
| 301   | 2644712.386 | 7434817.536  | WELL CENTER    |
| 303   | 2644684.241 | 7434853.158  | SMSET          |
| 304   | 2644748.008 | 7434886.661  | SMSET          |
| 305   | 2644781.531 | 7434781.914  | SMSET          |
| 306   | 2644676.764 | 7434748.391  | SMSET          |
| 28155 | 2628800.998 | 7456492.126  | MONUMENT (GPS) |

NOTE: POINT NUMBERS SHOWN IN THE LAT. AND LONG. TABLE CORRESPOND TO THE POINT NUMBERS SHOWN ON THIS PLAN +1000

LATITUDE AND LONGITUDE NAD83 (CSRS)

| POINT    | LATITUDE          | LONGITUDE         | DESCRIPTION |
|----------|-------------------|-------------------|-------------|
| 1301     | 45° 53' 53.68729" | 64° 38' 06.24684" | WELL CENTER |
| 1303     | 45° 53' 54.90325" | 64° 38' 09.41449" | SMSET       |
| 1304     | 45° 53' 55.90895" | 64° 38' 04.51959" | SMSET       |
| 1305     | 45° 53' 52.49131" | 64° 38' 03.07919" | SMSET       |
| 1306     | 45° 53' 51.48563" | 64° 38' 07.97406" | SMSET       |
| (1)28155 | 46° 05' 46.96386" | 64° 50' 03.03881" | MON. (GPS)  |

NOTE: POINT NUMBERS SHOWN IN THE UTM COORDINATE TABLE CORRESPOND TO THE POINT NUMBERS SHOWN ON THIS PLAN +2000

UTM COORDINATES ZONE 20 NAD83 (CSRS)

| POINT    | X (m)      | Y (m)       | DESCRIPTION    |
|----------|------------|-------------|----------------|
| 2301     | 373161.500 | 5084042.200 | WELL CENTER    |
| 2303     | 373094.006 | 5084080.818 | SMSET          |
| 2304     | 373200.118 | 5084109.693 | SMSET          |
| 2305     | 373228.994 | 5084003.582 | SMSET          |
| 2306     | 373122.882 | 5083974.706 | SMSET          |
| (2)28155 | 358223.081 | 5106391.266 | MONUMENT (GPS) |

ALL COMPUTATIONS PERFORMED AND COORDINATES SHOWN ON THIS PLAN ARE BASED ON THE NEW BRUNSWICK STEREOGRAPHIC DOUBLE PROJECTION AND THE NAD83 (CSRS) ELLIPSOID AS REALIZED BY SERVICE NEW BRUNSWICK'S ADJUSTED COORDINATE MONUMENT SYSTEM.

Revision No.:

JOB No.: 12695

MAP: 12U-96