

BOCI Services Limited

16 Church rd

Garden Cove P.Bay NL

AOE 150

Environmental Assessment Registration

Piper's Hole River Quarry

Piper's Hole River (Swift Current Area)

File Ref No. 200.20.2301

June 16, 2015

NAME OF UNDERTAKING: Pipers Hole River Sand Quarry Extension

PROPONENT: BOCI Services Ltd.

(i) Name of the Incorporate Body:

BOCI Services

(ii) Address:

16 Church rd
Garden Cove P.Bay NL
AOE 1S0

• **Chief Executive Officer:**

Name: Carmon Cramm

Official Title: Owner / Operator

Address:

16 Church rd
Garden Cove P.Bay NL
AOE 1S0

Telephone No: Cell# 780-953-1778

Home# 709-549-2184

- Principal Contact Person for purposes of environmental assessment:

Name: Carmon Cramm

Official Title: Owner/Operator

Address:

16 Church rd

Garden Cove P.Bay NL

A0E 1S0

Telephone No: Cell# 780-953-1778

Home# 709-549-2184

THE UNDERTAKING:

- (i) Name of the Undertaking:
Pipers Hole River Sand Quarry Extension
- (ii) Purpose/Rationale/Need for the Undertaking:
To source screened sand and gravel for supply to various customers in the vicinity and to supply winter sand for highway depots.

DESCRIPTION OF THE UNDERTAKING:

- (i) **Geographical Location:**
There are two lots included in this assessment, one is six hectares (Permit # F71110363) and the other is one hectare (Permit # F7110362) they both connect with each other. They are located at Pipers Hole River in Swift Current. The only boundaries are the existing quarries surrounding the area and bog to the South.

(ii) Physical Features:

There is one existing road entering the area and we will be using that same road to access the Quarries. There is also a body of water that is located on the east side of the Land, the closest boundary of the one quarry is 35 meters to the water which is separated by a thick tree line. This body of water is approximately 800 meters from the mouth of Pipers Hole River, which is a scheduled salmon river. In total both pieces are seven hectares. The land is mostly clear of all trees and is covered with bog as was all of the other quarries in this location.

(iii) Construction:

No Buildings will be constructed on the land.

Grubbing of overburden.

Pit development and sediment control.

(iv) Operation:

Equipment in use will include, excavator, Dozer, Front end loaders and dump trucks.

The estimated time of start-up will be May going into November of each year. The exact starting/ending date will depend on the weather.

The potential source of pollution would include site drainage, Noise, Air emissions, waste and litter and potential release of Hydrocarbons.

All equipment will have appropriate emission controls.

All vehicles will follow a designated project route and be properly maintained to minimize noise.

All vehicles will have exhaust systems regularly inspected and mufflers operating properly.

Petroleum products will not be stored on site during construction, petroleum products will be handled as per storage and handling of gasoline and associated products regulations, under the Environmental Protection Act.

No Biodiversity will be harmed. As for the Geodiversity, only small Rock/Sand will be removed from the Land.

Surficial organics and topsoil, where present, will be set aside for future quarry restoration. The majority of the area to be quarried is covered in bog (ie vegetation/wetland). This will be grubbed off and stockpiled on the edge of our quarry that borders existing mined out quarries on the West side.

We decided to stockpile it in that location so it will have no environmental impact on any of the surrounding land and it will also make it a lot easier to restore the land with it after we have it mined out.

All waste will be collected and disposed of at the Sunnyside landfills transfer station, as per the Waste Material Disposal Act.

The grounds will be maintained according to Environmental and Occupational Health and Safety Standards. Spill kits, First Aid kits, Fire Extinguishers, etc. will be at the site and in all vehicles at all times when in operation.

(v) Occupations:

Site construction and operations for the proposed quarries will include the following occupations classified as per National Occupation Classification, 2011

The owner provides equal opportunity employment. Male/Female will be treated equally. Anyone with a license and/or experience will be given an equal opportunity.

Construction Phase

1 Site Foreman/Supervisor (8221)

1 Heavy Equipment Operator (7521)

Operations Phase

1 Quarry Manager (0811)

1 Quarry Foreman/Supervisor (8221)

Heavy Equipment Operators- 2 Front end loaders, 1 screener and 1 Excavator (7521)

2 Truck Drivers (7511)

1 Heavy Equipment Mechanic (located offsite) 7312

(vi) Project Related Documents:

Two permits are applied for, for the two Quarries:

- The six Hectare (129545), Permit ID F7110363
- The one Hectare (129544), Permit ID F7110362

No work has been performed by or for the proponent.

APPROVAL OF THE UNDERTAKING:

Environmental Protection Act- Assessment Regulations: Permit to Proceed

Quarry Materials Act and Quarry Minerals Regulations: Quarry Permit

Two permits are applied for, for the two Quarries:

The six Hectare (129545), Permit ID F7110363

The one Hectare (129544), Permit ID F7110362

Both were applied for through The Government of Natural Resources NL.

SCHEDULE:

August is the estimated date for the start-up of the screening. The weather will have some impact on the exact date.

FUNDING:

The funding for the project will be provided by BOCI Services Ltd

June 16-2015



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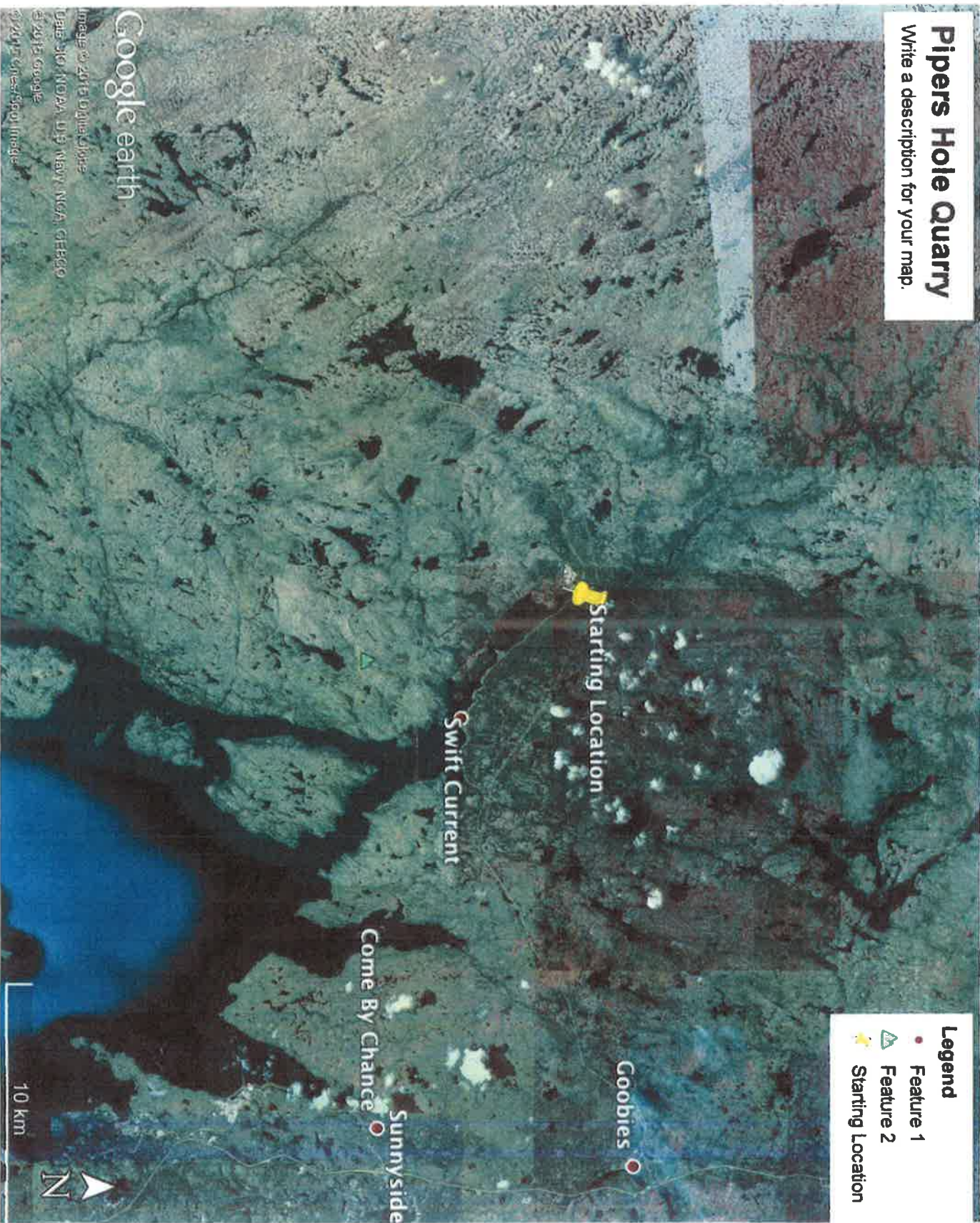
Date

Signature of Chief Executive Officer



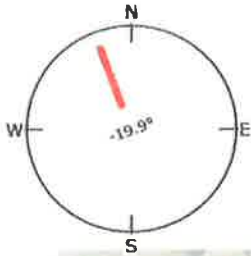
Pipers Hole Quarry

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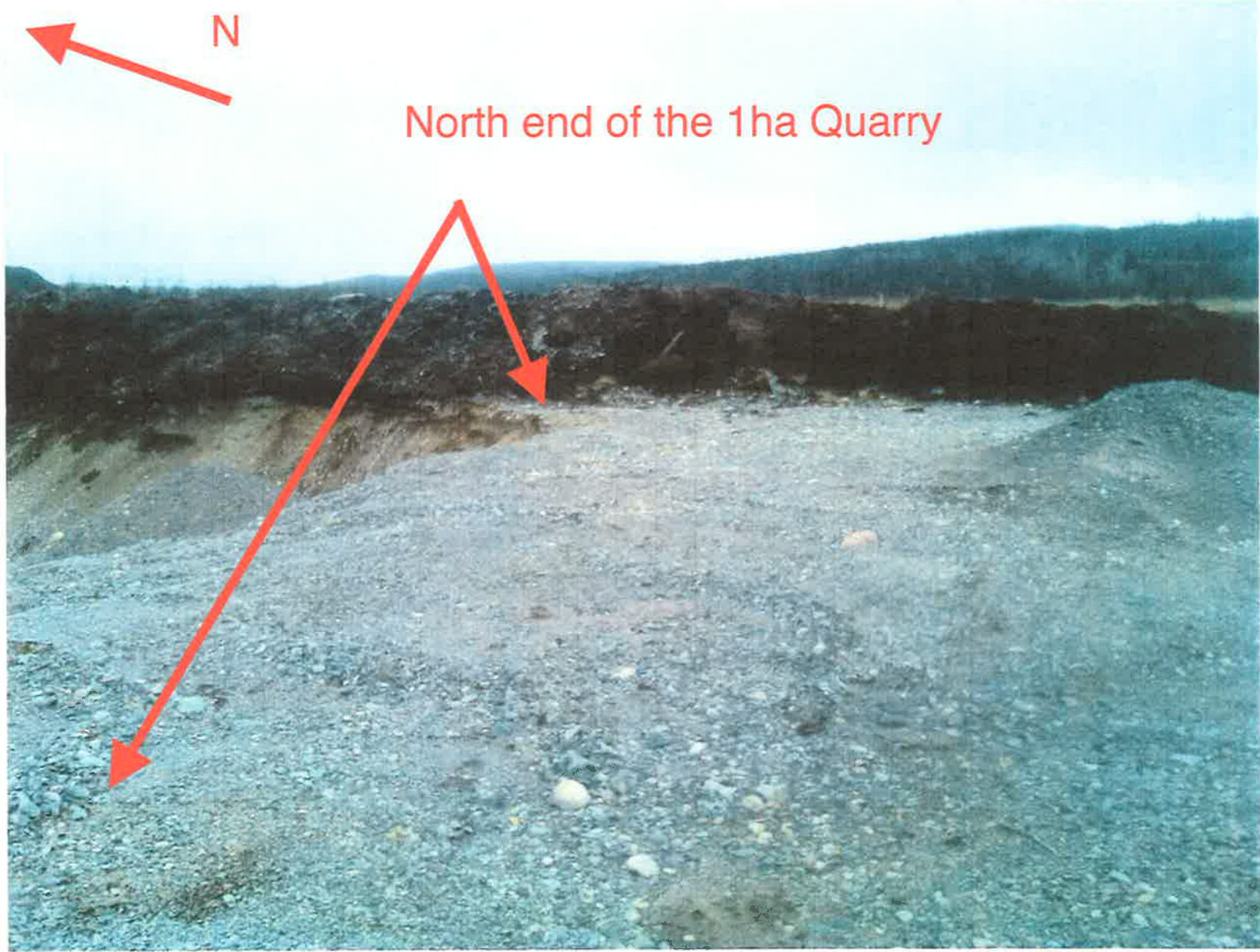
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North end of the 1ha Quarry

