

NAME OF UNDERTAKING:

Cabot Ready Mix Limited, Sand and Gravel Quarry #3, Foxtrap Incinerator Road,
St. John's

PROPONENT:

- (i) Name of Corporate Body: Cabot Ready Mix Limited
- (ii) Address: P.O. Box 14091 Stn. Manuels, C.B.S., NL, A1W 3J1
- (iii) Chief Executive Officer:

Name: Dennis Weir
Official Title: President
Address: 345 Dunns Hill Road
Conception Bay South
P.O. Box 14203 Stn. Manuels, C.B.S., NL,
A1W 3J1
Telephone No. (709) 834 – 8424

- (iv) Principal Contact Person for purposes of environmental assessment:
Name: Darrell Vardy
Official Title: P. Eng.
Address: 7 Harrington Drive
St. John's, NL.
A1E 5V7
Telephone No. (709) 745 – 3895

THE UNDERTAKING:

- (i) Nature of the Undertaking: Sand and Gravel Quarry Development, Expansion of existing quarry area.
- (ii) Purpose/ Rationale/ Need for the Undertaking:
To provide a source for concrete sand and aggregates for the continued operation of Cabot Ready Mix Limited's ready mix concrete plant located near the Manuels Bypass Road / Trans Canada Highway intersection, St. John's. Cabot Ready Mix Limited currently operates two sand and gravel quarries adjacent to the proposed quarry at Foxtrap Incinerator Road. The existing sand and gravel reserves in these quarries will soon be depleted, and a new source is critical to the continued operation of the ready mix concrete plant. Cabot Ready Mix Limited supplies ready mix concrete for sale in the St. John's Metropolitan Area. Sand and gravel suitable for the production of concrete is very limited in the St. John's Metropolitan area and in order to stay

competitive it is very important for us to maintain a supply at a similar distance to that of our competitors supply. The alternative at present is to truck sand from the Terra Nova Area.

DESCRIPTION OF THE UNDERTAKING:

(i) Geographical Location:

The proposed quarry is located on Foxtrap Incinerator Road off the Foxtrap Access Road and is within the Municipal Boundaries of the City of St. John's. The location is shown on The attached 1:2500 scale (1N7-350) and 1:12500 (025-7) scale maps, and the Air photo.

The site will be accessed via an existing access road which was constructed across Nut Brook from the adjacent existing Cabot Ready Mix #1 quarry to access the existing Cabot Ready Mix #2 quarry in 2009. This will provide access to Foxtrap Incinerator Road without any additional access road being constructed as the proposed development (Cabot Ready Mix #3 quarry) is an extension of the existing #2 quarry.

(ii) Physical Features:

The undertaking will consist of a cleared and grubbed quarry area and access road with a total area of approximately 3.9 Hectares.

The existing terrain in the proposed quarry area consists of lightly forested hills with the typical vegetation for the area, consisting of small trees, (spruce, fir, juniper, birch) with ground cover of moss, ferns, grasses, and shrubs. Wildlife in the general area includes snow shoe hare, moose, mink, and a variety of bird species.

Tributaries of Nut Brook flow on two sides of the proposed quarry areas with a 50 meter wide buffer of undisturbed vegetation to be maintained between the brook and the quarry area Nut Brook and its tributaries are small brooks in this area, but do contain populations of brook trout and brown trout.

(iii) Construction:

The construction phase for this quarry will be limited to the actual clearing and grubbing of the quarry site as the quarry development progresses.

The quarry area would be cleared and grubbed in stages as required to access the underlying sand and gravel. All topsoil from the quarry area will be stockpiled on site for use in restoring the quarry site upon completion of the sand and gravel

removal.

Potential sources of pollutants during the construction phase would be limited to exhaust from heavy equipment used to clear and grub the site, (excavator, loader, tandem trucks), as well as minimal risks of fuel spillage during fueling operations. There would also be potential for siltation from water runoff during grubbing and excavation operations. This will be controlled by the use of settling ponds, and or filter fabric, in addition to the vegetation buffer between the quarry and Nut Brook.

(iv) Operation:

The operation of the quarry will consist of excavation and removal of sand and gravel deposits from the quarry area using excavators and loaders, with the excavated material being trucked to Cabot Ready Mix's Concrete Plant at the Trans Canada Highway near the Manuals Bypass Road for Crushing and washing to make concrete aggregates.

The estimated period of operation of the quarry would be approximately five years.

Potential sources of pollutants during the operation phase would be limited to exhaust from heavy equipment used to excavate and load the sand and gravel, (excavator, loader, semi dumps), as well as minimal risks of fuel spillage during fueling operations.

There would also be potential for siltation from water runoff during grubbing and excavation operations. This will be controlled by the use of settling ponds, and or filter fabric, in addition to the vegetation buffer between the quarry and Nut Brook.

There is no requirement for drilling and blasting at this site as it is a sand and gravel pit, not a rock quarry operation.

(v) Occupations:

The occupations anticipated for this undertaking, as per the 2001 National Occupational Classification 2001, are as follows.

7411 – Truck Driver, Maximum of six required.

7421 – Heavy Equipment Operator, 2 required.

7611 - Construction Laborer, 2 required.

(vi) Project- Related Documents:

No other documents generated.

APPROVAL OF THE UNDERTAKING:

The main permit required for this undertaking is a Quarry Permit, to be issued by the Government of Newfoundland and Labrador, Department of Natural Resources, Mineral Lands Division. The Department of Natural Resources has referred the application to various other Departments including, Environment and Conservation, Transportation and Works, Crown Lands, and the City of St. John's, for approval.

SCHEDULE:

The earliest start date for project construction would be May 1st, 2011 due to this being the likely earliest date that permits and approvals would likely be in place.

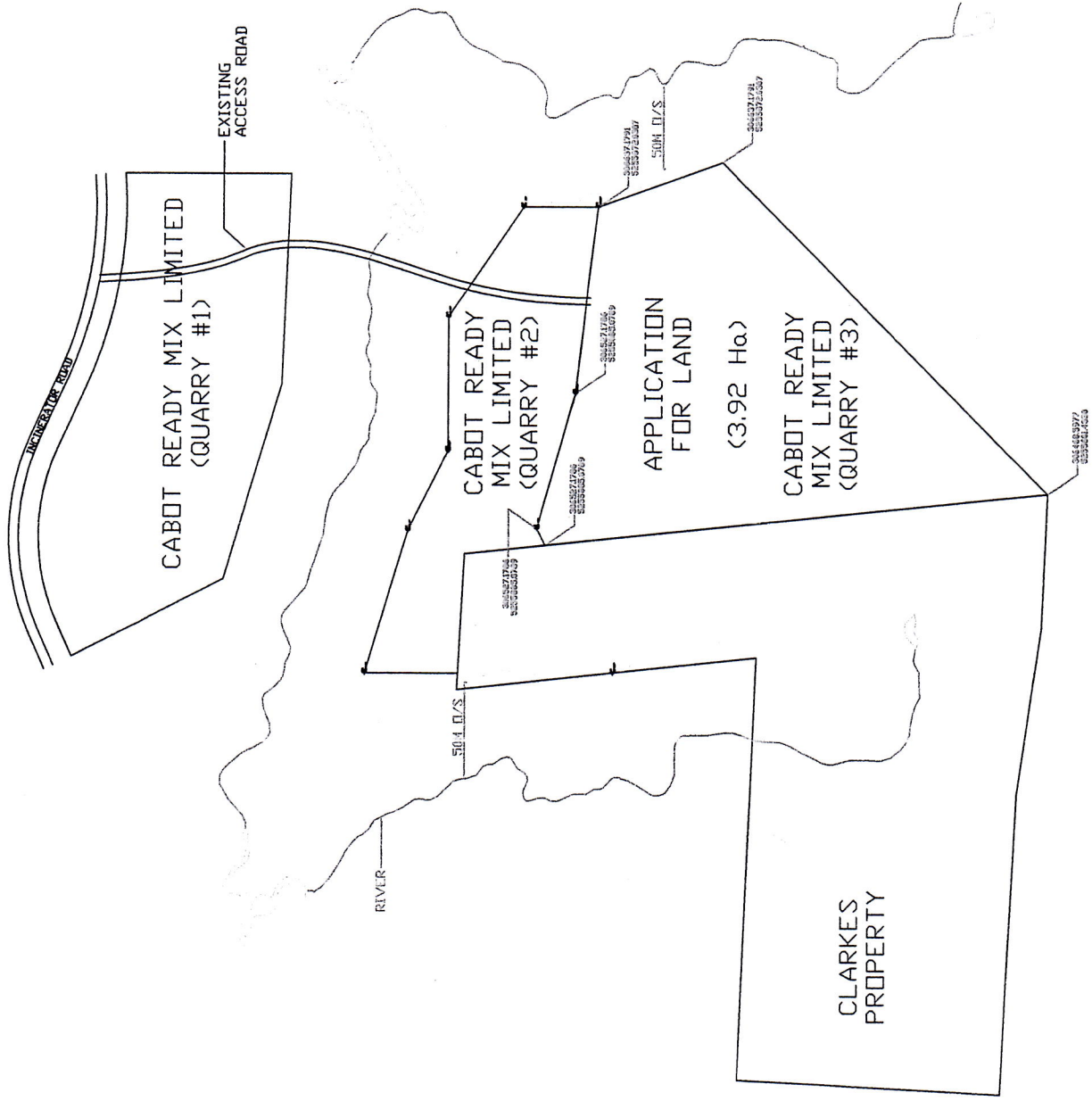
The latest date would be December 1st, 2011, which would be dictated by the onset of winter weather.

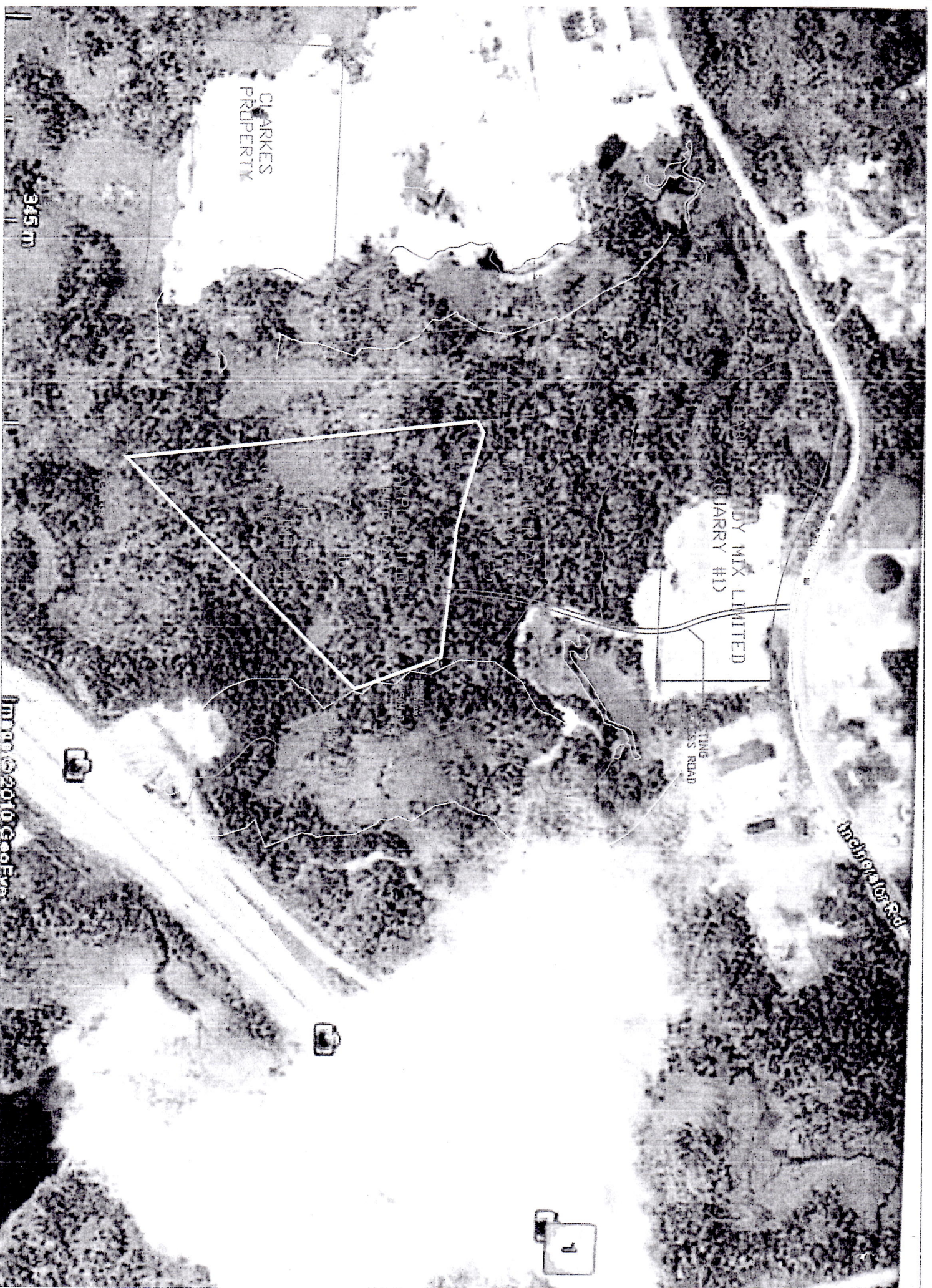
FUNDING:

This undertaking does not depend upon any grant or loan of capital funds from any government agency.

Date

Dennis Weir, President





CLARKES
PROPERTY

BY MIX LIMITED
QUARRY #10

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SS ROAD

Inchmochter Rd

345 m

FOXTRAP QUARRY
SCALE 1:5000

Imagery © 2010 GeoEye