

NEWCRETE ASPEN BROOK QUARRY

Environmental Assessment Registration Document

Submitted by:
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1.0 NAME OF UNDERTAKING

Aspen Brook Quarry Permit Application

- Quarry Permit Identification
 - File 711:12976 covering 1.7 ha
- Environmental Assessment Registration Identification
 - File Reference No. 200.20.3303

2.0 PROPOSER

2.1 Name of Corporate Body

Newcrete Investments Ltd.

2.2 Address

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2.3 Senior Vice President

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3.0 THE UNDERTAKING

3.1 *Nature of the Undertaking*

The proposed project referred to as the Aspen Brook Quarry is a 1.7 ha quarry permit application (File #711:12976) for sand and gravel. It is located 7 km southeast of the town of Badger in central Newfoundland on NTS Map Sheet 02D\13 (**Figure 1**). Hunts Concrete is a subsidiary company of Newcrete Investments Ltd. (Newcrete) and have operated in the Aspen Brook area since 1991. Hunts Concrete currently operate an adjacent 13.797 ha quarry area (File #711:2678, 8734, 8817) which was released from Environmental Assessment (EA) review in 2012. The proposed 1.7 ha quarry project will be developed initially under a quarry permit and subsequently under a quarry lease once combined with the existing 13.797 Ha approved quarry area. The sand and gravel material will be transported to Grand Falls-Windsor for use in concrete production.

The operations at Aspen Brook quarry will utilise the existing mobile equipment and adjacent 13.797 ha quarry area for processing the sand and gravel. Construction and operation of the 1.7 ha quarry will involve site clearing, stripping overburden, excavating, crushing, screening, and washing the sand and gravel. Access to the quarry site is gained from the Trans-Canada Highway (TCH) and via an existing ~1 km long gravel access road. This access off the TCH is used by the nearby Badger Chute sand and gravel quarries and by the adjacent Penny Paving quarry lease (File# 711:8790 - 9.7 ha; **Figure 2**). In 2017 a quarry assessment and test pitting program completed by Newcrete confirmed the available sand and gravel resource in the Aspen Brook quarry area.

3.2 Purpose/Rationale/Requirement for the Undertaking

Newcrete employs over 200 people during peak season and is a leader in supplying ready-mix concrete for residential housing, commercial buildings, bridges, gravity-based oil platforms, and other critical infrastructure projects in the province. The Aspen Brook quarry will provide materials needed to meet future growth in the industry and its location is most reasonable from a safety, environmental and regulatory point of view based on historic operations. Hunts Concrete has operated in the Aspen Brook quarry since 1991, producing aggregate used for concrete manufacturing. In 2023 Newcrete completed independent testing of the aggregate produced at the Aspen Brook Quarry and it was considered acceptable for concrete manufacturing according to the concrete specifications outlined in the Canadian Standards Association (CSA) A23.2:19-30A. Newcrete intends to combine the quarry permits into a 15.497 ha quarry lease at a later date and submit a detailed set of development, rehabilitation and closure plan to the Department of Industry, Energy and Technology (DIET) for approval.

The 1.7 ha quarry application area is undeveloped, forested and underlain by valuable high-quality sand and gravel resources. The proposed permit boundary has established a 100 m buffer zone to the Exploits River in the south, and a 50 m buffer zone to the unnamed stream in the east. Drainage channels, check dams and a settling pond will be designed as required to control and filter any discharged surface water from the site. The quarry permit boundary is concealed from northerly views by a ~500 m wide forested buffer area to the TCH (**Figure 2**). Quarry construction will begin with tree removal, stripping overburden and stockpiling material within the adjacent quarry area or within the 15 m buffer zone to the permit boundary (**Figure 3**). Topsoil and overburden will be separated and preserved for future reclamation of the quarry site.

Quarry operations will involve excavating, crushing, screening and stockpiling the sand and gravel within the adjacent quarry permits. Boulders and silt material will be discarded and stockpiled separately. Annual production volumes of sand and aggregate are estimated to be 10,000 m³. All glaciofluvial materials will be utilized where possible and production volumes may fluctuate to meet specific business demands. The quarry will be developed along production benches not greater than 5 m in height. Quarry operations will conform with Newcrete's existing sand and gravel quarry in the area while ensuring minimal impact to the surrounding environment. Newcrete intends to follow the regulatory responsibilities for the quarry project which includes the full rehabilitation of the site upon closure as described in the Department of Industry, Energy and Technology's Quarry Legislation.

4.0 DESCRIPTION OF THE UNDERTAKING

4.1 Geographic Location

The project area is located 7 km southeast of the town of Badger, accessed by an existing gravel access road adjacent to the TCH (**Figure 2**). The immediate area has a history of quarry development dating back to 1991 when Hunts Concrete was issued a 9 ha quarry permit (711:2678) in the Aspen Brook area. Nearby quarry operators include Penny Paving's 9.7 ha quarry lease (711:8790) located west of the quarry area (**Figure 2**).

The 1.7 ha quarry permit application area shares its west boundary with the combined 13.797 ha quarry permits (File #711:2678, 8734, & 8817) issued to Hunts Concrete (Newcrete). The eastern permit boundary is buffered 50 m from an adjacent watercourse, while the southern permit boundary is buffered ~100 m from the Exploits River. These forested buffer zones will remain undeveloped to ensure quarry operations have a minimal impact on the surrounding watercourses. A water management plan for the combined project area will conform to the regulations for environmental protection set by

the Water Resources Management Division of the Department of Environment and Climate Change.

The quarry permit application area is within the Newfoundland Power Possible Hydro Corridor Route and a Crown Land Grant issued to the former Exploits River Lumber & Pulp Co. Commercial power generation and forestry activities will not be restricted in any way by the proposed development. The nearest Crown Land grant is located ~1.4 km northeast at the closest point (**Figure 4**). The Cassandra Pond silviculture area located adjacent to the TCH near the start of the quarry access road will remain unimpacted by the proposed development. Additionally, Newcrete will cooperate with tourism operators on the Exploits River to ensure their business is not impacted by the operations. Any potential resource conflicts with the proposed quarry construction and operations are discussed in **Section 4.5**.

The closest sensitive receptors to the project are public users of the TCH and T'Railway located ~500 m and ~270 m north of the permit boundary respectively. Newcrete intends to rehabilitate the land when the aggregate resources are removed to minimize any long lasting negative visual impacts. The proposed quarry activities are not expected to influence nearby receptors any more than the existing quarry operations in the area. The development, rehabilitation and closure plans for the quarry will be defined in the eventual drafting of a Quarry Lease Plan (QLP) to be submitted to and approved by the Mineral Lands Division of DIET.

4.2 Physical Features

4.2.1 Project Site Description

The 1.7 ha quarry permit application area (File #711:12976) is undeveloped, and naturally forested. It is located adjacent to the approved sand and gravel quarry permits operated by Hunts Concrete Ltd. (711:2678, 8734, 8817). This combined 13.797 ha area was released from EA in 2012. Adjacent to the western boundary is a quarry lease (711:8790) issued to Penney Paving. The elevation inside the proposed quarry permit application ranges from ~84 m to ~88 m above sea level (asl). The topography is mostly flat lying with a gentle decline towards the southwest. Site drainage is expected to follow this gradient through highly permeable sand and gravel. A 15 m wide buffer zone will be maintained along the eastern and southern permit boundary which serves as a berm to restrict access, control drainage and minimize visibility of the quarry site. The two adjacent watercourses will be protected by established legislative buffer zone distances as required by the Mineral Lands Division of DIET.

4.2.2 Existing Biophysical Environment

The quarry permit application area is located within the *Central Newfoundland Forest Ecoregion and Northcentral Subregion* and covers 28,000 km² of the central and northeastern third of the island of Newfoundland. The region has the highest summer and lowest winter temperatures on the island. Also, the area has the lowest rainfall (1200 mm) with occasionally prolonged dry spells that give rise to the greatest number of forest fires resulting in extensive, and often dense, stands of black spruce and white birch.

The terrain in this ecoregion is gently rolling with hills ranging from 150 meters above sea level in the northeast to 200 meters in the south and west. The subregion was greatly affected by the last glaciation and sediments including outwash sands form well-drained upland plains.

As is typical of boreal forests, many of the animal species inhabiting the North-central subregion are adapted to long, cold winters and short, warm summers. Moose, snowshoe hare, muskrat, otter, mink, black bear, beaver, and lynx, species that also live in similar habitat elsewhere on the Island, occur throughout this subregion. Caribou from the Middle Ridge herd are found in the southeast of the subregion, while the Gaff Topsails herd are farther southwest in the region.

The forest habitat is home to birds including gray jay, ruffed grouse, spruce grouse, osprey, great horned owl, northern flicker, sharp skinned hawk, pine siskin, chickadees, fox sparrow and white winged crossbill. The many lakes and rivers in the region support a variety of fish, including Atlantic salmon and brook trout. Other fish include artic char, three-spine and nine-spine sticklebacks, rainbow smelt, and American eel. Established buffer zone widths to water courses and water bodies are beyond the required 50-meter minimum to ensure the protection of fish habitat.

Newcrete will operate under established legislation, regulations and guidance with respect to wildlife and their habitats. *The Migratory Birds Convention Act, 1994, Migratory Bird Regulations, Wild Life Act and Wild Life Regulations* protect wildlife and prohibit the disturbance or destruction of bird nests and eggs in Newfoundland & Labrador.

4.2.3 Site Visibility

The closest receptors to the quarry permit application area are public users of the Trans-Canada Highway and T'Railway located ~500m and ~270m north of the permit boundary respectively (**Figure 2**). The Newfoundland T'Railway parallels the TCH and crosses over

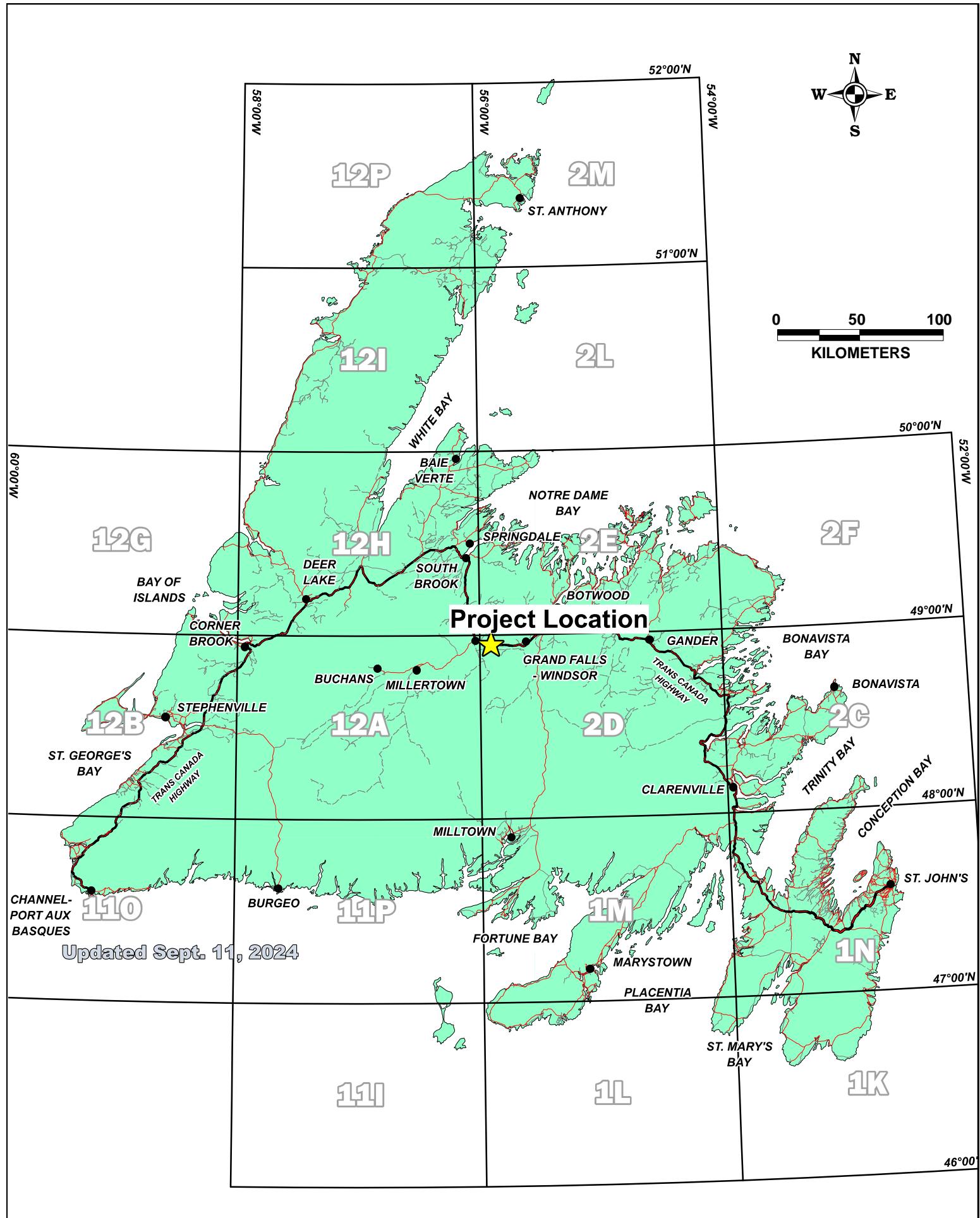


Figure 1: Project Location Map (N.T.S. 02D/13)

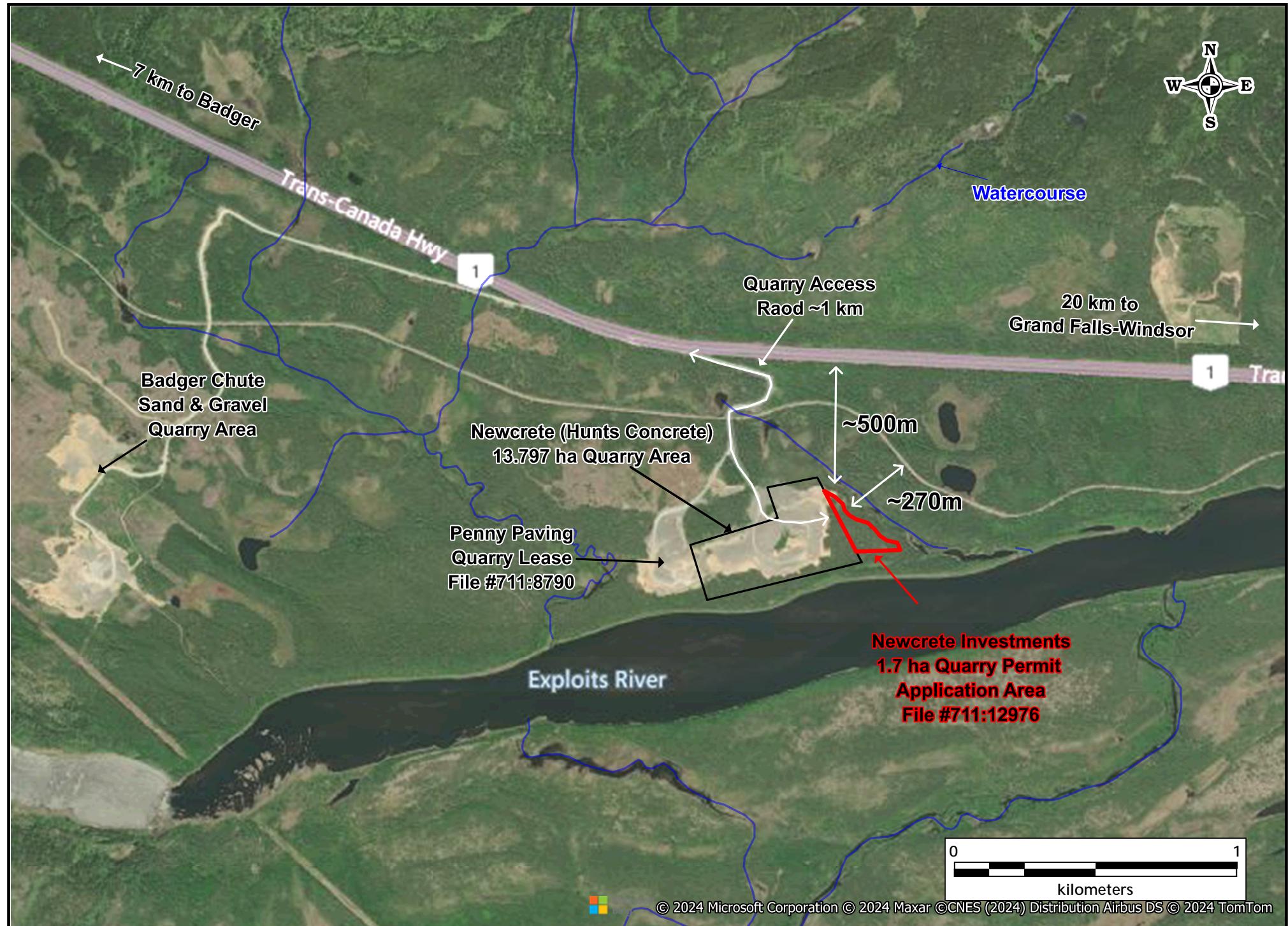


Figure 2: Quarry Access Location Map

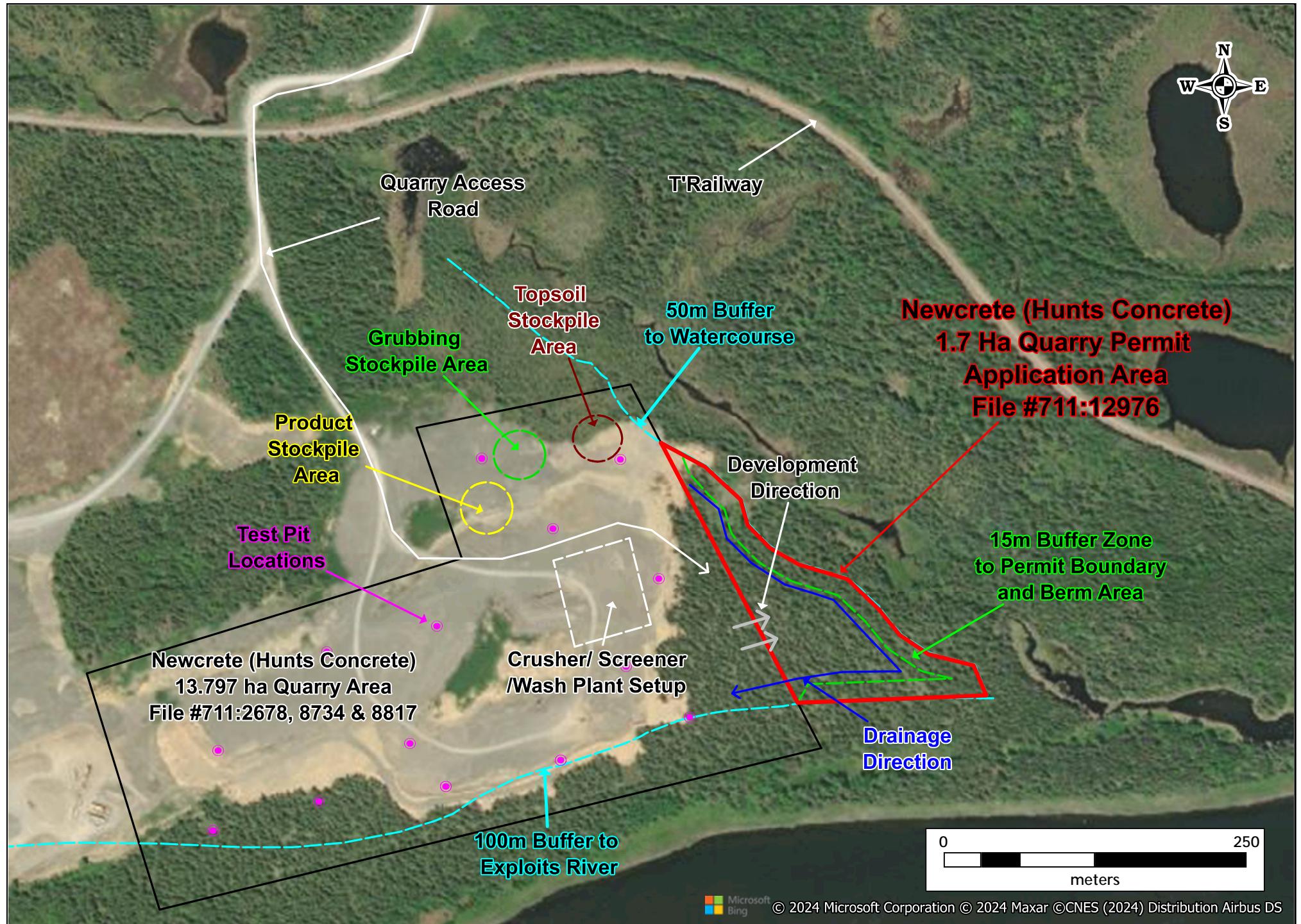


Figure 3: Detailed Quarry Application Area

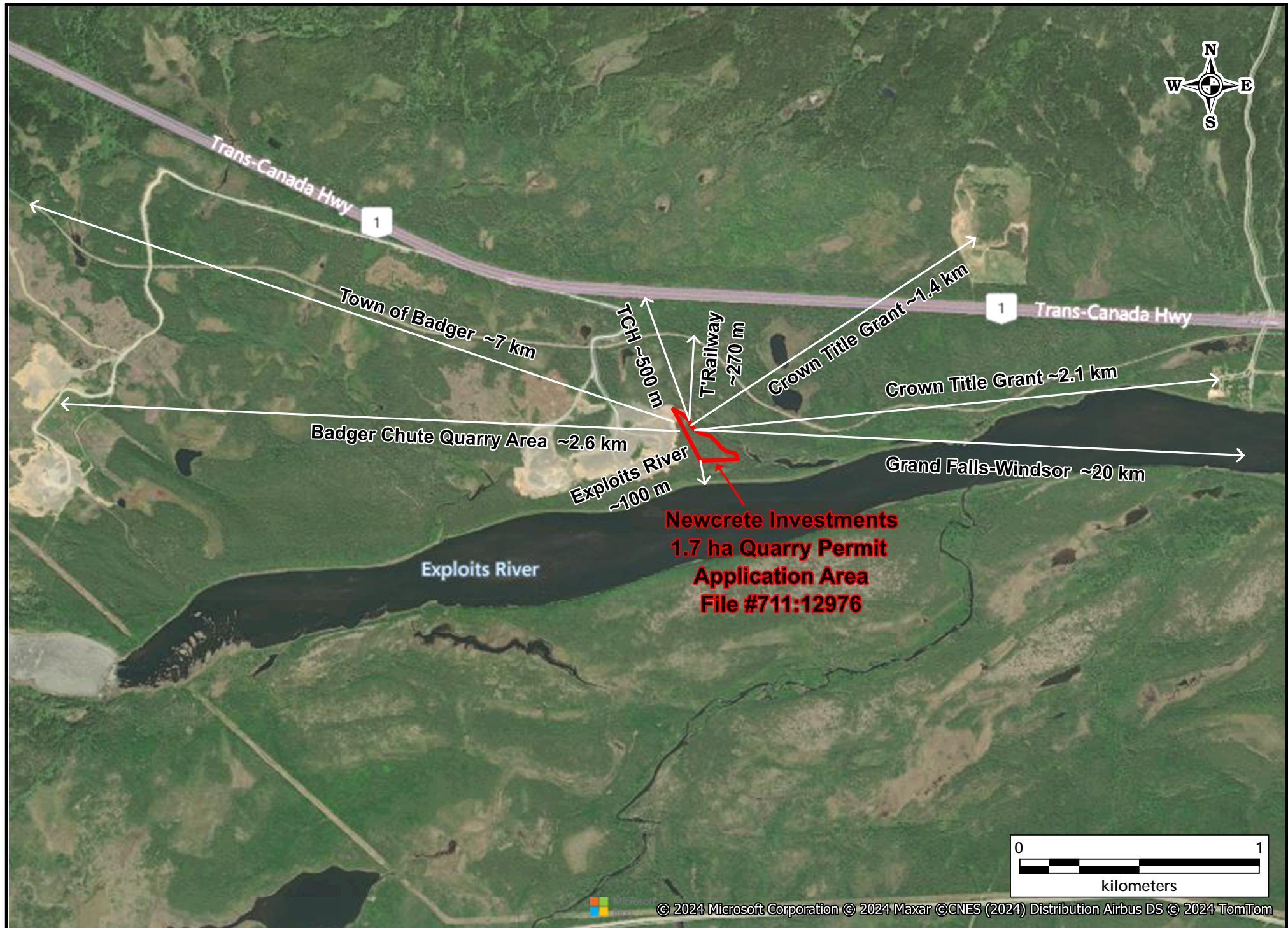


Figure 4: Receptor Location Map

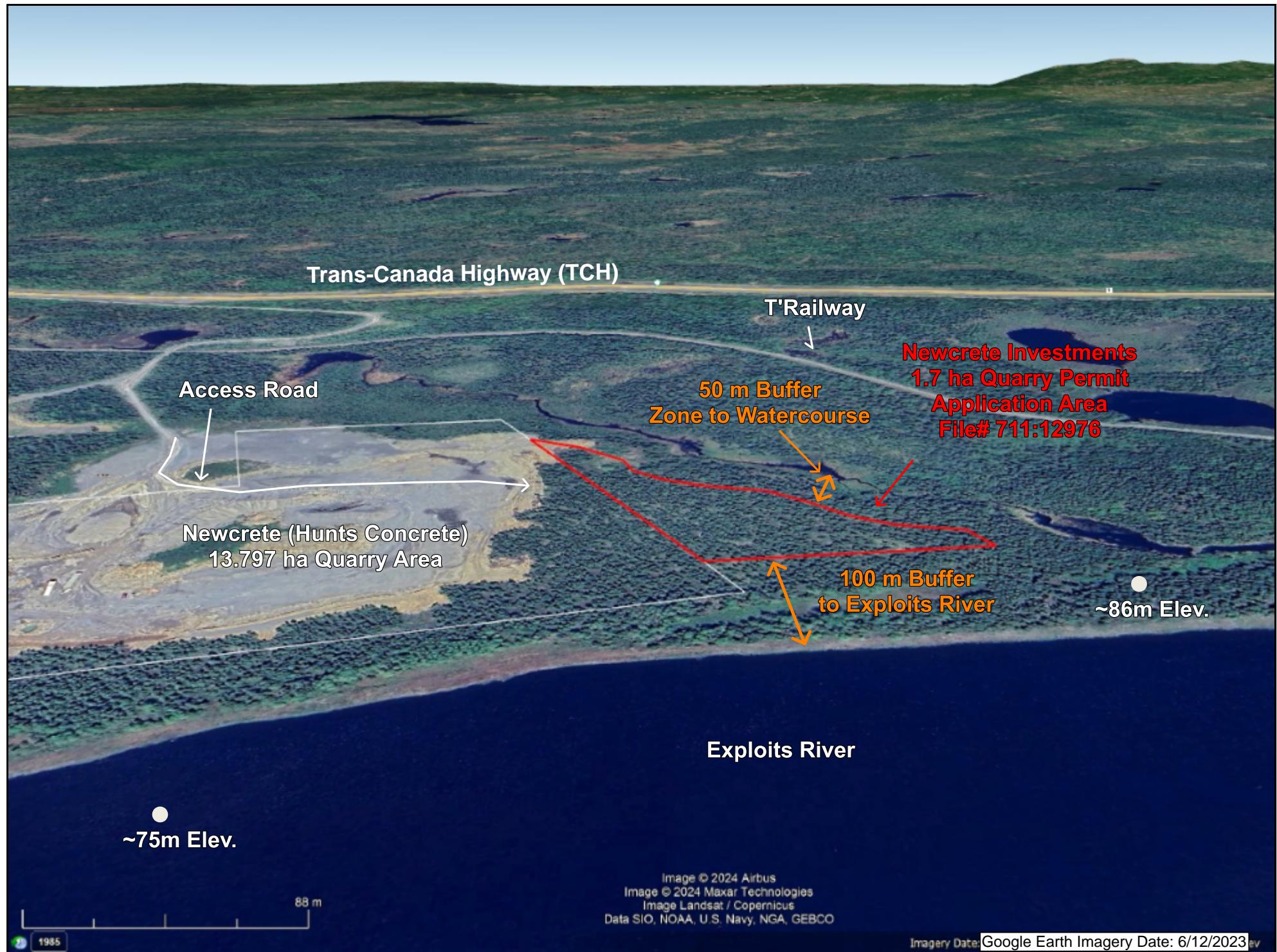


Figure 5: Example of Site Visibility from the South (Looking North) - Aerial View

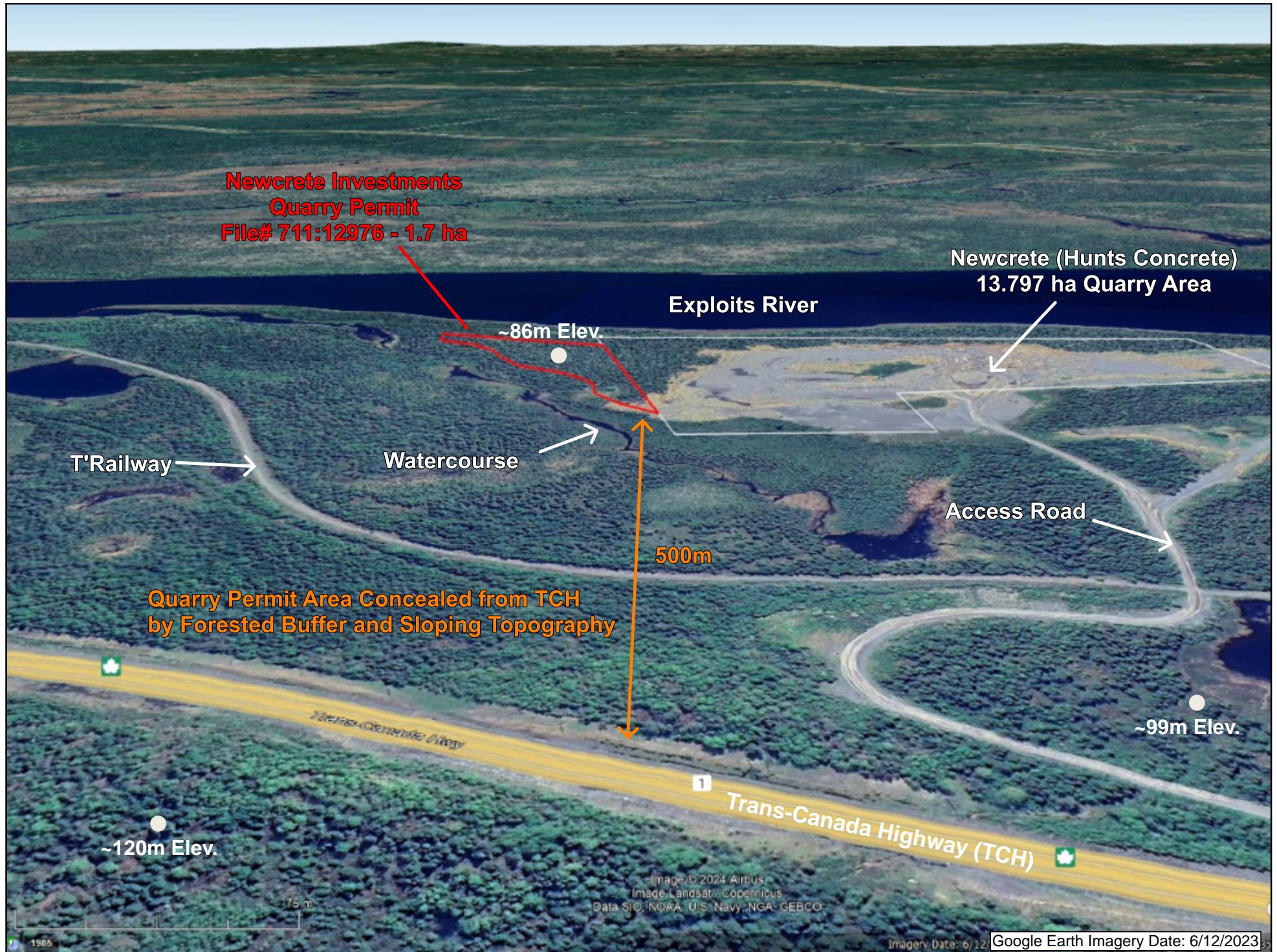


Figure 6: Example of Site Visibility from the North (Looking South) - Aerial View

4.2.3 Site Visibility (Continued)

the quarry access road ~300 m north of the quarry area. Crown land grants (incl. 134994 & 113167) are located over 1.4 km to the east at the closest point.

Visibility of the proposed quarry site from these adjacent areas will be minimal due to the gentle rise in topography and abundant natural forest surrounding the quarry area. Forest screening from a ~500 m wide buffer area to the TCH will conceal views of the proposed quarry operations. A security gate at the quarry entrance and signage posted adjacent to the T'Railway restricts public access to the quarry and ensures that public users of the T'Railway are aware of the hazards in the area. The 100 m forest buffer between the Exploits River will help to conceal direct views of the quarry operations from any recreational users on the Exploits River. As the quarry area will be progressively lowered and rehabilitated after development the visibility will be further minimized. It is thought that the proposed quarry will be no more visible than the existing quarry area as they occur at the same general elevation.

4.3 Quarry Construction, Operation and Maintenance

The development operations within the proposed quarry site will utilize Hunts Concrete (Newcrete) adjacent 13.797 ha area and the existing heavy equipment used for the quarry operation. The 1.7 Ha application area is an expansion of the existing site. Subsequent to the release of the proposed 1.7 ha quarry permit from EA, and the issuance of the site under a quarry permit, Newcrete plans to combine the entire 15.497 Ha area into one quarry lease. Detailed development, rehabilitation and closure plans for the combined quarry area will then be outlined in the eventual drafting of a set of Quarry Lease Plans (QLP) that will be regularly updated and approved by the regulator.

4.3.1 Site Access

Access to the proposed quarry site is gained by travelling ~7 km east of Badger or ~20 km west of Grand Falls-Windsor along the Trans-Canada Highway. The access point from the TCH leads west to the Badger Chute quarries and east to the Aspen Brook quarries. A ~1 km long gravel access road extends southeast from the TCH and crosses over the T'Railway before entering the adjacent existing quarry permit area (File #711:2678, 8734, 8817, **Figures 2 and 3**). A security gate and warning signs are located at the quarry entrance to restrict public access and prevent incidental hazards or illegal garbage dumping. Maintenance of the access road will be completed using an excavator and/or grader as required. A haul road accessing the proposed 1.7 Ha quarry permit area will progress eastward in the direction of the proposed development (**Figure 3**).

Utilizing the available sand and gravel resources within the project area, the existing access road and adjacent approved Newcrete quarry area where secondary processing will occur this will create a ‘closed loop’ flow of operations. In turn their will reduce the need to truck unprocessed material on public roads from other possible sites to the Aspen Brook area for processing, thus increasing public safety, reducing the carbon footprint, and maximizing cost efficiency.

4.3.2 Site Clearing

The 1.7 ha quarry permit area is undeveloped and naturally vegetated with forest. During site clearing any merchantable timber will be cleared either by handheld chainsaws or mechanical harvester equipment and will be garnered under a commercial cutting permit issued by the Department of Fisheries, Forestry and Agriculture. Surficial soils, subsoils and grubbing are estimated to have a combined thickness of ~1m and will be stripped and stockpiled in the adjacent quarry permit area or 15 m permit buffer for preservation (**Figure 3**). The estimated ~0.3 m thick mixed organics and topsoil layer will be separated as best as reasonably possible and preserved for use as future reclamation material to cover the developed area upon closure of the quarry. A 15 m buffer zone to the permit boundary will be left undeveloped except in the west where it borders the existing quarry permits (**Figure 3**).

4.3.3 Quarry Construction, Development and Operation

Hunts Concrete completed 14 test pits in the adjacent quarry area in 2017 (**Figure 3**). All test pits encountered glaciofluvial material with a high sand to gravel ratio and low silt content. The same material is anticipated beneath the proposed quarry permit area considering the nearest test pit is only 60 m east of the permit boundary (**Figure 3**). Aggregate concrete compliance testing completed in 2024 on samples of produced fine and coarse concrete aggregates are considered representative of the proposed quarry and confirms that the material meets concrete specifications outlined in CSA A23.2:19-30A, *Standard Practice for sampling, testing, and inspection of aggregate products for use in concrete for qualification and acceptance purposes*.

Following site clearing of the 1.7 ha quarry permit application area the sand and gravel will be excavated along development benches at a maximum of 5 m high. Quarry design will ensure that quarry depths are above the groundwater table and surface water drainage from the quarry permit area will follow constructed drainage channels.

Newcrete estimates that up to 10,000 m³ of sand and gravel will be extracted from the Aspen Brook quarry on an annual basis. This volume may fluctuate to meet consumer demands for the concrete requirements in and around Grand Falls-Windsor. Quarry

operations will generally occur between April and December of each year, corresponding with changes in seasonal demand for the products. All extraction activities will adhere to the Government of Newfoundland and Labrador's Occupational Health and Safety Regulations under the Occupational Health and Safety Act. The operations will use existing heavy equipment (See **Section 4.6**) and the adjacent quarry production area for crushing, screening, washing and stockpiling the sand and gravel from the proposed quarry permit area (**Figure 3**). Boulders, silt and other screened material will be removed and preserved for future use or reclamation. A Water Use License application was submitted to the Water Resources Management Division on Jan 29, 2024, requesting a water withdrawal site ~60 m north of the permit boundary from the adjacent unnamed brook to support aggregate washing.

With the anticipated release of the project from EA review, typical quarry construction and operation activities will proceed. The addition of the proposed quarry permit will allow Newcrete to secure a long-term resource of sand and gravel to meet consumer demands for ready-mix concrete while following the regulations established by the DIET for the development, rehabilitation and closure of the quarry site.

4.4 Potential Sources of Pollution During Construction and Operation

The construction and operation of the proposed quarry will utilize various types of heavy equipment that present a source of noise disturbance, exhaust emissions, petroleum and hydrocarbons, dust, domestic waste, and general refuse to the surrounding environment. It is the responsibility of Newcrete to maintain equipment and follow Occupational Health and Safety standard protocols for quarry operations. Newcrete will ensure that the quarry site has an emergency response plan, and that necessary emergency response equipment is available to address hazards related to fire and hydrocarbon spills thus protecting the workers and the environment. Consistent monitoring of the site and operating equipment will ensure that potential sources of pollution are identified, and appropriate steps are taken to mitigate hazards to the surrounding environment.

4.4.1 Air

Air pollution could be generated in the form of exhaust fumes from operating equipment and dust from airborne clay particles in the quarry. Exhaust fumes will be minimized by ensuring that all mechanical equipment using combustion engines contain functioning emission-control devices fitted to the exhaust system. These devices reduce harmful pollutants contained in the exhaust. When heavy equipment is not in operation it will be shut down to maximize fuel efficiency and minimize unnecessary exhaust fumes. Dust created from the quarry operations will be controlled by minimizing the development

footprint and stripping overburden from only the required production areas in sequence and not all at once. The dust generated by heavy equipment on the quarry floor or access roads will be mitigated during very dry periods by using mobile watering trucks to suppress silt particles from becoming airborne. All activities within the quarry will be conducted in a manner that respects the province's *Air Pollution Control Regulations* (2004).

4.4.2 Noise and Vibration

The quarry site is expected to generate a typical amount of noise expected from operating heavy equipment. The use of blasting techniques is not required on site. The expected sound levels will not exceed those generated by past and ongoing quarry operations in the area. The natural forest buffer will provide a noise dampening obstruction to public roadway commuters and sensitive receptors. All mechanical equipment used in the operations will be maintained to ensure that the decibel levels produced do not exceed the manufacturing standard. The quarry site will be a controlled environment whereby operations occur during daytime work hours and meet the regulations for Occupational Health and Safety.

4.4.3 Domestic Waste and Sewage

Domestic waste generated from human activity on the proposed quarry site will be contained and removed from site for later disposal in approved waste and sewage management areas typically by certified waste management companies. Portable lavatories within the proposed quarry boundaries will be utilized as required during production and operation of the site. Garbage and food waste will be kept for later disposal off-site and not littered on the quarry floor. Domestic waste will be collected and disposed of in accordance with the *Environmental Protection Act* (2002) at the Norris Arm regional dump site.

4.4.4 Fuel

Fuel used by heavy equipment on site will be delivered directly by a petroleum product service company as required. No fuel storage tanks will be located on the site. The refueling of equipment on site will comply with the Storage and Handling of Gasoline and Associated Products Regulations. Emergency spill response kits will always be available on-site during quarry operations for containment and cleanup of any hydrocarbon leaks from malfunctioning equipment. All mechanical equipment using fuels will be kept in good operating order with regular inspections and servicing by certified mechanics to prevent incidents of hydrocarbon spills. Any leaks or spills of more than 70 liters will be reported to the Environmental Emergency Telephone Line, contained and cleaned up immediately.

4.4.5 Effluent

The effluent generated during quarry operations is likely to be in the form of surface water transporting fine-grained particles from the quarry floor. This could occur at any time of development during rainfall events though most surface water is expected to be contained within the quarry permit boundaries. Additionally, the unconsolidated permeable sand and gravel material making up the quarry floor and subsurface will provide good site drainage. Monitoring drainage will occur during all stages of quarry construction and development to ensure appropriate mitigation techniques are used for treating site water runoff. These measures, though circumstantial, will be in line with industry's best practices to reduce suspended fine-grained particles from entering nearby watercourses and waterbodies.

Site runoff will initially follow the natural topography that slopes gently towards the southwest. Shallow ditching inside the perimeter of the east and southern permit boundary will ensure runoff is collected and drained away from the natural watercourses. The installation of rock check dams, hay bales, and silt fencing will collect and remove suspended fine-grained particles from site water before exiting the southern boundary. During major rainfall events additional areas may be constructed to temporarily hold water within the quarry and allow for suspended fine-grained particles to settle out. All surface water discharged from the quarry site into the surroundings will meet the regulatory requirements of the *Environmental Control Water and Sewage Regulations (2003)*.

4.5 Potential Resource Conflicts During Construction and Operation

The proposed quarry permit area is near the Exploits River and the Newfoundland T'Railway network. These areas are used for activities such as white-water rafting, ATV riding, salmon fishing, hunting, berry harvesting, and domestic wood cutting. The potential resource conflicts with tourism and recreation will be mitigated by the development and will not interfere with local access. Past quarry operations have not impacted businesses operating on the Exploits River and will continue to do so. Domestic wood harvesting is not anticipated to have an impact by the quarry operations considering the overall size of the domestic cutting area compared to the permit application area. Additionally, the region has been utilized for hydro power generation and commercial wood harvesting and these industries are not anticipated to be impacted by the quarry operations.

The proposed quarry boundary allows for the regulated buffer distance to any waterbody, watercourse or wetland thus protecting the natural environment that is valued by tourists and recreational users. Any encounter with wildlife will follow regulations stated in the Wildlife Regulations under the *Wildlife Act (CC. 96-809)*. Domestic waste will be disposed of appropriately off-site to avoid attracting wildlife.

The quarry area is located adjacent to the Exploits River and respects the regulated buffer distance required from all watercourses required by the Mineral Lands Division of the DIET and the Water Resources Management Division of the Department of Environment and Climate Change. Precautionary measures to prevent suspended solids from reaching any watercourses are components of the proposed quarry development plan, as discussed in **Section 4.4.5** and summarized as follows:

- A 15 m wide buffer zone along the eastern and southern permit boundaries will be left undeveloped where no materials will be excavated providing a perimeter berm to contain surface water inside the quarry area and grubbing for reclamation.
- Shallow drainage channels in the quarry floor will direct surface run-off away from the watercourses and into designated collection areas on the quarry floor.
- The use of check dams, hay bales and silt fencing will remove suspended fine-grained particles prior to exiting the quarry boundary and entering naturally vegetated buffer areas surrounding the watercourses.

4.6 Occupation

The occupations required for the proposed quarry site are listed below and classified as per the National Occupational Classification (2016):

Construction

- 1 Quarry Supervisor (8221)
- 2 Heavy Equipment Operators –Excavator/Dump Truck (7521)
- 1 Heavy Equipment Operator – Tree Harvester/Mulcher (7521)

Operation

- 1 Quarry Supervisor (8221)
- 1 Heavy Equipment Operator – Loader/Excavator (7521)
- 1 Heavy Equipment Operator –Crusher/Screeener/Wash Plant (7521)
- 1 Heavy Equipment Operator (amount may vary based on demand) – Tandem, Tandem-Tandem, or Semi Dump Trailers (7521)

The operation of the quarry will require up to 4 employees to run at the anticipated production rate of ~10,000 m³ annually, although fluctuations in material demand may lead to a change in the number of required employees and annual production volumes.

4.7 Reclamation and Closure

Rehabilitation of the quarry area will begin once the sand and gravel resources are exhausted or continue progressively as the final pit floor level is reached in a specific area. All exposed quarry faces will be a maximum of 5 m in height. Any remaining existing quarry faces, and waste stockpiles will be contoured with available materials to create a 30-degree slope to the quarry floor. Catch benches will be placed at the toe of each 30-degree slope if multiple development faces are created. Preserved organic material that was previously stripped from the development area will be re-spread over the rehabilitated area to promote local vegetation growth. The vegetated area will then be left to regenerate and blend with the surrounding natural landscape.

5.0 APPROVAL OF THE UNDERTAKING

Table 1 on page 19 contains a list of referral agencies, responses received, and possible permits required for the project, some of which are already in progress.

6.0 SCHEDULE

The proposed schedule for this project is as follows:

Submission of Registration Document	October, 2024
Review of Submission Document by Government	December, 2024
Commencement of Construction and Operations	May, 2025

7.0 FUNDING

Funding for the construction and operation of the project will be provided entirely by the proponent.

Table 1: Referral Agencies, Responses and Possible Permits Required

Department/Regulatory Agency	Status	Possible Required Approvals/Permits or Comments
Provincial Archaeology Office	Conditional Approval	100 m Buffer from Exploits River Must be Maintained
Municipal Affairs and Environment - Water Resources Management Division	Conditional Approval	Adhere to WRMD Regulations
NAV Canada	Approved	
Environment and Climate Change - Environmental Assessment Division	Project Registration Required	Environmental Assessment Registration
Digital Government & Service NL – Environmental Protection	No Response	
Industry, Energy and Technology – Mines Branch	Conditional Approval	Need to Demonstrate Sand/Gravel Meets Specification for Concrete Aggregate Use
Industry, Energy and Technology - Mineral Lands Division	Under Review	
Municipal and Provincial Affairs Local Governance and Land Use Planning	Approved	
NL Hydro	Conditional Approval	
Industry, Energy and Technology – Energy Development	Approved	
Transportation and Infrastructure	Conditional Approval	Must use Established Access
Tourism, Culture, Arts and Recreation - Tourism	Approved	
Tourism, Culture, Arts and Recreation – Parks NL	Approved	
NL Power	Approved	
Fisheries, Forestry and Agriculture – Wildlife	Conditional Approval	Operate Under Established Legislation
Fisheries, Forestry and Agriculture – Lands Management	Approved	
Fisheries, Forestry and Agriculture – Agriculture	Approved	
Fisheries, Forestry and Agriculture – Aquaculture	Approved	
Fisheries, Forestry and Agriculture - Fisheries	Approved	
Fisheries, Forestry and Agriculture - Forestry	Approved	Operating Permit, Commercial Cutting Permit & No Interference with Future Forestry Operations
Fisheries, Forestry and Agriculture - Crown Lands	Approved	

8.0 LIMITATIONS

This environmental registration document was prepared by NCD Consulting Ltd. in consultation with Newcrete for their use under the terms defined in a written contract between the two parties. The information included in this document was provided by the client and relates to the scope of this proposed project exclusively. NCD Consulting Ltd. has collaborated with the client and utilized NCD's combined extensive knowledge in quarry development and potential environment related concerns to, as accurately as possible and with the information available at the time of drafting this document, layout the development of the site in a safe and environmentally sustainable manner.



Name: Mr. Jeff Stagg
Operations Manager
Hunts Concrete Ltd. (Newcrete)

Oct 16, 2024

Date