



APPLICATION for LAND USE PERMIT

KWANLIN DÜN FIRST NATION

WE ARE HERE TO HELP

Staff at Heritage, Lands and Resources will assist and help guide citizens through the land application process. If you have questions or need help, please call Jimmy at 334-2746 or email jimmy.kennedy@kdfn.net

Application Number: 2022-11-LU
 C-56B, C-153B, C-86B, C-53B
 Parcel Code Number: -----
 Date / Time Rec'd: 2022/10/20 4:41pm
 (office use only)

PART 1 – APPLICANT CONTACT INFORMATION

APPLICANT INFORMATION

Company/Organization: Ecofor Consulting Ltd.

Last Name: Mooney	First Name: James	Middle Name: Philip
Are you a Kwanlin Dün First Nation Beneficiary and/or Citizen? <input type="checkbox"/> BENEFICIARY <input type="checkbox"/> CITIZEN <input checked="" type="checkbox"/> NO	Are you a COMPANY? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Business Licence #: 2022-5565	Are you currently 19 years of age or older? <input checked="" type="checkbox"/> YES

Address: 7209 B 7th Ave.

City/Town: Whitehorse	Territory/Province: YT	Postal Code: Y1A1R8
Country: Canada	Phone No. [REDACTED]	Business Phone No:
Email: [REDACTED]	Preferred Method of Contact: email or phone	

AGENT ACTING ON BEHALF OF APPLICANT(S) (if required)

Last Name:	First Name:	Middle Name:
Address:		
City/Town:	Territory/Province:	Postal Code:
Country:	Phone No.:	Business Phone No:
Email:	Preferred Method of Contact:	

This is to confirm that the person named above may act as the agent on behalf of the applicant(s).

Signed: _____ Date: _____ (applicant)

Signed: _____ Date: _____ (co-applicant)

PART 2 – PROJECT PROPOSAL & LOCATION

PROJECT SUMMARY

Describe briefly the activity or project you wish to undertake on settlement land: This project is a Class 2 Heritage Resources Impact Assessment (HRIA). The HRIA will be assessing KDFN Blocks C-56B, C-153B, C-86B, and C-53B. The project will specifically focus on assessing possible impacts to heritage resources that may be affected by the development of these Blocks in coordination with the Government of Yukon, Community Services. As such, the HRIA will focus efforts on identifying, recording, and assessing heritage resource sites located in and directly adjacent to these Blocks. Ecofor staff plans on accessing these Blocks by existing roads and on foot. If potential for buried heritage resources is confirmed in the field, to be present, then Ecofor Staff will conduct hand excavated shovel testing. If culturally modified trees are identified they will be recorded in the field, photographed and sampled by hand-operated increment bore to collect a sample to determine the age of the tree and the age of the cultural modification. This fieldwork will be done in coordination with the KDFN Heritage department. Ecofor will provide Interim Reporting and Final Reporting with KDFN.

PARCEL SIZE, LOCATION & SITE COORDINATES

Community, Local or Geographic Area: Whitehorse Area

Settlement Land Parcel (R, C or S#): KDFN Blocks C-56B, C-153B, C-86B, and C-53B

Legal Description (Lot, Quad, CLSR, LTO): _____

What is the area (in hectares) of the extent of land being applied for?

AREA: _____ hectares

SITE COORDINATES

The applicant must flag the limits of the proposed project area.

The applicant must arrange an in-person on site visit with the KDFN Lands Officer and verify the GPS coordinates in writing below prior to submitting this application for review. The corners of the application area are to be flagged/marked.

Latitude/Northing	<i>See attached</i>			
Longitude/Easting				
Latitude/Northing				
Longitude/Easting				

NTS Map Sheet No. Community or Local Area: Whitehorse

APPLICATION SKETCH

A detailed, legible, and drawn-to-scale sketch must be provided outlining the applied for area and including:

- The boundary and configuration of the proposed parcel,
- The dimensions (in metres) of all proposed parcel boundaries,
- The area (in hectares) of the proposed parcel,
- Any existing, surveyed properties or Road rights-of-way that are adjacent or near the parcel,
- Any existing roads, trails or pathways within or near the proposed parcel,
- Any road, trail or driveway that is proposed to be constructed to connect the parcel to a public road, street, or highway,
- All waterbodies and drainage courses within or near the proposed property,

- Any existing or proposed buildings or other improvements on or near the proposed property,
- An arrow indicating north,
- The scale at which the sketch is drawn,
- (Any other specific information as may be required by HLRD.)

Include Mapping Here:

See Attached

PART 3 – SITE CHARACTERISTICS AND INFORMATION

PLANNING and ZONING

Applicable Land Use Plans or Community Plan in effect for the proposed project area: N/A

Current Planning / OCP designation of the proposed project area: N/A

Current zoning bylaw or zoning regulation designation for the proposed project area: N/A

SITE CHARACTERISTICS

Describe the Site Characteristics (topography, soil conditions, landscape features, vegetation coverage etc): *N/A*

Describe any adjacent or nearby creeks, rivers, lakes or other bodies of water? *N/A*

PART 4 – PROJECT DETAILS

A clear, concise description of proposed development activity will help determine whether the development activity will require assessment under the YESAA. If an assessment is required, the applicant will be required to complete and submit a YESAA Form 1 application to the YESAB designated office. When filling out the sections below, if the space provided is insufficient, please attach any additional pages you may need to fully explain any activity.

DETAILED PROJECT DESCRIPTION: Please described the details, scale, scope and nature of the proposed activity or project: This project is a Class 2 Heritage Resources Impact Assessment (HRIA). The HRIA will be assessing KDFN Blocks C-56B, C-153B, C-86B, and C-53B. The project will specifically focus on assessing possible impacts to heritage resources that may be affected by the development of these Blocks in coordination with the Government of Yukon, Community Services. As such, the HRIA will focus efforts on identifying, recording, and assessing heritage resource sites located in and directly adjacent to these Blocks. Ecofor staff plans on accessing these Blocks by existing roads and on foot. If potential for buried heritage resources is confirmed in the field, to be present, then Ecofor Staff will conduct hand excavated shovel testing. Shovel tests will be excavated every 5-10 m in areas of elevated subsurface potential, measured at least 35 cm by 35 cm, and be excavated with shovel and trowel as needed into sterile sub soils. All excavated sediments will be screened through ¼ inch mesh. Artifacts identified will be collected and bagged according to the shovel test unit and stratum, or arbitrary 10 cm vertical interval. The profile of representative shovel tests in each tested area will be recorded by depth below surface and natural and cultural soil strata. All shovel tests will be backfilled and returned to as close to natural conditions as possible. If surface finds or subsurface cultural materials are identified, additional shovel testing will be conducted to assess the vertical and horizontal limits of the site, and to recover a sample of the material culture to assist in the assessment of the site use and cultural affiliation. All survey tracks and shovel tests will be documented via hand-held GPS.

If cultural materials are recovered from shovel tests, KDFN will be contact to discuss the possible excavation of evaluative units (EUs). Each EU will measure 1 m x 1 m (multiple EU may be connected into larger blocks), will be oriented to magnetic north or as determined based on the site landform and excavated by quadrant in arbitrary 10 cm levels. If depositional conditions require tighter vertical control, level intervals may be tightened to 5 cm or units may be excavated by natural strata to ensure that the vertical provenience of artifacts is accurately recorded. Artifacts encountered in situ will have their provenience recorded in three dimensions (easting, northing, and depth) and be mapped in planview sketches of each positive level. Any subsurface features encountered will be photographed and documented in detail prior to being excavated. All excavated sediments will be screened through ¼ inch mesh to facilitate the recovery of small artifacts. Small artifacts recovered in the screen will be recorded by quadrant and level. Excavations will continue until sterile sediments are reached. Wall sediment profiles will be recorded upon the completion of all excavated units prior to backfilling.

If culturally modified trees are identified they will be recorded in the field, photographed, and sampled by hand-operated increment bore to determine the age of the tree and the age of the cultural modification.

All heritage resource sites encountered will be photographed and their locations will be recorded using a hand-held GPS unit. Moreover, all heritage resource sites encountered will be recorded, mapped, and flagged with a 30 m buffer (marked with “no work zone” ribbon) in the field. Sites will be recorded using temporary site numbers and site data, including site setting, access, vegetation, water system information, elevation, sedimentary and cultural stratigraphy, artifacts recovered, features present, etc. This information will be submitted to the Yukon Government Heritage Resource Unit for site inventory and return of Borden number. The condition of sites will also be assessed based on the amount of disturbance ranging from relatively intact to destroyed. Interim and final reports, site forms, and artifact curation preparations will meet the Yukon Archaeological Sites Regulations Guidelines for Permit Holders.

All artifacts recovered will be cleaned, analyzed, and cataloged as per the requirements of the Yukon Archaeological Sites Regulations (YG 2020). Lithic artifacts will be recorded by provenience and macroscopically analyzed. Flakes will be assigned to a reduction stage, tool categorized by type, raw material will be identified, and metric data will be recorded. Faunal remains will be recorded by provenience, counted and identified to the lowest possible taxon, and metric data will be recorded. Fire broken rock will be recorded by provenience, counted, and weighed.

In the event that mummified or skeletal palaeontological remains are exposed, KDFN, and the Yukon Palaeontologist will be contacted before disturbing them further. If human remains are identified during operations, all work shall cease in the area immediately and KDFN, the RCMP, and the coroner’s office will be notified. If the RCMP and coroner determine that this is a historic burial, then KDFN and the Yukon Heritage Resources will be notified.

This fieldwork will be done in coordination with the KDFN Heritage department, and Ecofor will provide Interim Reporting and Final Reporting to KDFN.

TIMEFRAME: Provide an estimated schedule and overall timeframe from project commencement through to completion of development and potential restoration on the site.

-We will have approximately 5 days of fieldwork while accessing these combined Blocks by foot, and if the Archaeological Permit from YG Heritage is issued this late fall (2022), prior to sustained snows, then we would assess these parcels in November 2022. If the archaeology permit is not issued prior to sustained snows, then we would assess these parcels in the spring of 2023. This schedule maybe subject to change, and Ecofor will coordinate with KDFN on dates of fieldwork, to include a KDFN citizen in the fieldwork.

FUEL STORAGE AND CONTAINMENT: Please provide detailed information regarding the delivery, type, volume capacity and storage of fuel to be used on site. Also provide a fuel spill contingency plan. *No Fuel usage expected.*

EQUIPMENT: Please describe or list any equipment (heavy equipment, drills, pumps etc) intended to be used): *No heavy equipment nor powered equipment will be used. Hand operated shovels and screens will be used.*

SITE PREPARATION: Describe all site preparation activities that will occur. Activities such as clearing, grubbing, stripping, drilling, burning of debris, construction of buildings or structures, and any earthworks. Include the use and type of any heavy machinery planned to be used in these activities. *Small hand-excavated shovel test pits may be excavated, and if so, they would be 35 x 35 cm dug to a maximum depth of approximately 1 m.*

ACCESS: Explain how you will access the site, and if you plan to construct a new road or upgrade an existing access. Also confirm if or how others may be affected by your access plans. *Pedestrian access will be by foot from adjacent roadways.*

SERVICES & DISPOSAL: Describe provisions or requirements for:

Supply of Water (for drinking or other purposes): *Individuals will carry personal drinking water, no other water will be used.*

Garbage Disposal: *All garbage will be packed out.*

Sewage (sanitary or grey water): *NA*

Overburden Disposal (organic soil and waste): *Shovel test will be backfilled with sediment and the organic soil from the shovel test and organic matter will be placed on the surface to return shovel test locations to as natural as conditions as possible.*

Brush and Tree Disposal: *NA*

PROPOSED RESTORATION: Please describe how the site will be restored or reclaimed upon completion or decommissioning of the activity or project: *See Attached.*

APPLICANT CONSENT

I/we have read all of the information contained in this application or have had it explained by a third party and fully understand it.

I/we certify that all submitted information is true and correct to the best of my knowledge and belief.

I/we understand that any misrepresentation in this application may invalidate this application and may result in the revocation of any land interest resulting from this misinformation.

I/we hereby acknowledge and confirm that the submission of this application does not grant me/us any rights to occupy or use the land for which I/we applied for prior to the approval and completion of all conditions attached to this land authorization, should this application be approved.

I/we have read all of the relevant regulations and policies and believe to the best of my knowledge that my/our application is in compliance with all requirements.

The information contained in or attached to this application is being collected under the authority of the Kwanlin Dün First Nation Lands Act (2020). This information may be shared with other persons or agencies for the purpose of reviewing the request for land. Care will be taken to protect your personal information.

SIGNATURE



Applicant:
James Mooney, MA, RPA, RCPA

Date: October 20, 2022

Co-applicant:

Date:

PLEASE RETAIN A PHOTOCOPY OF THIS APPLICATION FOR YOUR PERSONAL RECORDS

CHECKLIST

The checklist is to help you complete all applicable sections of this application and to ensure that all additional information is attached. Incomplete applications will not be accepted and will be returned to the applicant for completion.

All Land Use Applicants must provide:

- Fully Completed Application
- Detailed Site Sketch
- GPS coordinates verified by the KDFN Lands Officer
- Site flagged consistent with the GPS coordinates
- Other documents, permits, authorizations or approvals as may be required on a case by case or use-specific basis.

In addition, Commercial/Industrial Applications must also include:

- Business Plan or Project Plan
- Detailed Site Plan
- Copy of Business Licence
- For quarries and industrial applications, an operations plan and a decommissioning/rehabilitation plan
- Fee with the application