

# BRITISH COLUMBIA ARCHAEOLOGICAL IMPACT ASSESSMENT INTERIM REPORT FORM



## 1. REPORT TITLE

|                 |                                                                                                     |
|-----------------|-----------------------------------------------------------------------------------------------------|
| 2019-0140-13410 | Archaeological Impact Assessment of British Columbia Timber Sales Stuart Nechako Cutblock CHU20_05. |
|-----------------|-----------------------------------------------------------------------------------------------------|

## 2. MANAGEMENT SUMMARY

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 2.1 | <i>Protected HCA Sites:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | N/A |
| 2.2 | <i>Brief Overview of Study:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |
|     | ARCHER CRM Partnership (ARCHER) conducted an archaeological impact assessment (AIA) on the subject project at the request of David Zurevinski of British Columbia Timber Sales Stuart Nechako (BCTS Stuart Nechako). An in-office review of the proposed cutblock prior to field assessment identified areas of archaeological potential (AOPs), as well as the potential for culturally modified trees (CMTs) based on VRI data of a tree stand of a sufficient age to produce pre-1846 CMTs.                                                                                                                                                                                                                                                                                                    |     |
| 2.3 | <i>Results:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |
|     | <p>No areas of archaeological potential, archaeological sites, or other cultural heritage resources protected under the <i>Heritage Conservation Act</i> (HCA), were identified as a result of this study.</p> <p>Only a small portion of the study area, near two hydrological features, was identified as having subsurface archaeological potential. These areas were surveyed with some snow cover present. The amount of snow cover present at the time of assessment was not substantial enough to obscure landforms. If landforms with archaeological potential were noted, additional survey under snow free conditions would have been recommended, however no such landforms were observed.</p>                                                                                         |     |
| 2.4 | <i>Management Recommendations:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
|     | <p>Our visual inspection of the proposed BCTS Stuart Nechako cutblock CHU20_05 did not result in the identification of any archaeological or other cultural heritage remains protected under the <i>Heritage Conservation Act</i> (HCA).</p> <p>To address the prospect of unanticipated archaeological materials and/or features being discovered, it is recommended that the proponent inform its employees and contractors of this possibility. If archaeological materials or other heritage remains are uncovered during construction, work in the area of the find must immediately cease and the Archaeology Branch and/or ARCHER informed. It is recommended that the proponent also promptly inform the relevant First Nations concerning any unanticipated archaeological findings.</p> |     |

## 3. ADMINISTRATIVE INFORMATION

|     |                                  |                                                |     |                                   |                                           |
|-----|----------------------------------|------------------------------------------------|-----|-----------------------------------|-------------------------------------------|
| 3.1 | <i>Permit Holder:</i>            | Frank Craig<br>f.craig@archercrm.ca            | 3.2 | <i>Permit Holder Affiliation:</i> | ARCHER CRM Partnership<br>T: 250-567-9496 |
| 3.3 | <i>Proponent Contact:</i>        | David Zurevinski<br>David.Zurevinski@gov.bc.ca | 3.4 | <i>Proponent Affiliation:</i>     | BCTS Stuart Nechako<br>T: 250-567-6331    |
| 3.5 | <i>Interim Report Author(s):</i> | Marina Russell                                 |     |                                   |                                           |

|     |                                               |                                                                                                                                                                                                                                |
|-----|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3.6 | <b>Interim Report<br/>Date &amp; Version:</b> | December 10, 2020, V1                                                                                                                                                                                                          |
| 3.7 | <b>Notification of<br/>Work Date:</b>         | May 11, 2020: <ul style="list-style-type: none"> <li>• Halfway River First Nation</li> <li>• McLeod Lake Indian Band</li> <li>• Nak'azdli Whut'en Band</li> <li>• Takla Nation</li> <li>• West Moberly First Nation</li> </ul> |

## 4. PROPOSED DEVELOPMENT

|     |                     |                                                                                                                                                                                                           |
|-----|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4.1 | <b>Description:</b> | British Columbia Timber Sales Stuart Nechako Business Area CHU20_05 <ul style="list-style-type: none"> <li>• Cutblock for timber harvest</li> <li>• Total area 205.9 ha</li> </ul>                        |
| 4.2 | <b>Location:</b>    | The development is located northwest of Kalder Lake, northeast of Mudzenchoot Peak and south of the east end of Chuchi Lake. NAD 83 UTM Zone 10 UTM Coordinates (approximate center) E: 414532 N: 6104891 |

## 5. FIELD CREW

**Table 1. Field Crew**

| <i>Date<br/>(dd/mm/yy)</i> | <i>Field Director<br/>(on site? Y/N)</i> | <i>Field Supervisor</i> | <i>Other Field Personnel</i> |
|----------------------------|------------------------------------------|-------------------------|------------------------------|
| 19/10/20                   | Marina Russell (Y)                       | N/A                     | Greg Ketlo, Gene Kristiansen |

## 6. ARCHAEOLOGICAL METHODS & RESULTS

### 6.1. Pre-field Methodology

- ☒ Archaeological potential and sites are indicated on the Study Area Map
- ☐ An AOA and /or archaeological predictive model exists for the study area  
Details:
- ☒ Previous field studies influenced this assessment  
Details: A small portion of a previous ARCHER project overlaps the study area (ARCHER 2010). No archaeological sites or other cultural features were identified during the previous assessment.
- ☒ Review of Provincial Heritage Register  
Date Accessed: May 19 and November 17, 2020
- ☒ Other  
Details: Prior to fieldwork, the study area was subject to an in-office map review, this included identifying areas of archaeological potential and determining the potential presence of culturally modified trees (CMTs), orthographic photos, and records of previous archaeological assessments. Identified areas of potential which could be impacted by development activities were subject to field assessment by crew members on the ground. The terms and conditions guiding the overview and identification of archaeological potential are defined in the corresponding permit.

**Table 2. Archaeological Sites within 5 km of the Study Area**

| <i>Borden No.</i> | <i>Distance &amp; Direction from the Proposed Development</i> | <i>Site Type</i>                                                   | <i>Permit No. of Previous Visits</i> | <i>Site in Conflict (Y/N)</i> |
|-------------------|---------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------|-------------------------------|
| GgSb-2            | 1683 m E                                                      | PRECONTACT – Subsistence Feature - Cultural Depression – Cache Pit | 2007-137                             | N                             |
| GgSb-4            | 2917 m E                                                      | PRECONTACT – Cultural Material – Subsurface – Lithic               | 2004-140                             | N                             |
| GgSb-3            | 2977 m E                                                      | PRECONTACT – Cultural Material – Subsurface – Lithic               | 2004-140                             | N                             |
| GgSb-6            | 3095 m N                                                      | PRECONTACT – Cultural Material – Subsurface – Lithic               | 2009-106                             | N                             |
| GgSb-5            | 3157 m N                                                      | PRECONTACT – Cultural Material – Subsurface – Lithic               | 2009-106                             | N                             |

## 6.2. In-field Methodology

☐ Subsurface test measurements are a minimum of 35 x 35 cm

Date Accessed: October 19, 2020

During the field assessment the study area was visually assessed by one crew with three crew members walking parallel to each other, spaced in a manner that would enable maximum coverage depending on visibility and archaeological potential of the area. Survey was not conducted under snow-free conditions therefore natural and anthropogenic soil exposure (eroded banks, tree throws etc.) within the project footprint could not be visually examined for cultural remains in disturbed or secondary contexts.

No areas of archaeological potential were observed within the assessed study area boundaries, and no subsurface testing was conducted.

CMTs in or adjacent to the subject project were sought given the presence of mature forest cover.

|       |                         |                                                                                            |       |               |         |
|-------|-------------------------|--------------------------------------------------------------------------------------------|-------|---------------|---------|
| 6.2.1 | Number of Crew Members: | 3                                                                                          | 6.2.2 | Crew Spacing: | 10-20 m |
| 6.2.3 | Other:                  | Transects were spaced according to archaeological potential and forest/vegetation density. |       |               |         |

## 6.3. In-field Observations

The portion of the study area surveyed is situated across generally sloping terrain with some low-lying and wet areas. No distinct landforms were observed.

Forest cover consists primarily of subalpine fir with hybrid spruce, lodgepole pine and black spruce. Some understory was visible despite the snow cover and includes alder, Labrador tea, Devil's club and huckleberry, further understory was obscured due to snow cover.

The block was flagged at the time of assessment. With the exception of the FSR which transects the block no previous disturbances were noted.

## 6.4. Results

No locations exhibiting archaeological potential were noted. No CMTs were identified.

## 7. ARCHAEOLOGICAL SITE SUMMARY

No archaeological sites were identified or revisited.

## 8. DISCLOSURE STATEMENT & SIGNATURE

*Project footprint boundaries illustrated on the attached map(s) indicate those areas subject to the archaeological assessment described in this report, unless otherwise noted. If future or final construction and development plans differ from those presented here, the results of this assessment may not be applicable in part or in whole.*

*To address the prospect of unanticipated archaeological remains being discovered, it is recommended that the proponent inform its employees and contractors of this possibility. If archaeological materials or other heritage remains are uncovered during construction, work in the area of the find must immediately cease and the Archaeology Branch and/or ARCHER informed. It is recommended that the proponent also promptly inform the relevant First Nations concerning any unanticipated archaeological findings.*

*It was not the intent of this study to identify, evaluate, or comment on the presence or absence of Aboriginal Rights in the study area. Completion of this study does not "abrogate or derogate from aboriginal treaty rights" (Heritage Conservation Act Sec. 8). The study was conducted without prejudice to First Nations Treaty Negotiations, aboriginal rights or aboriginal title.*

*It is my opinion that the reported fieldwork and this corresponding report were completed in agreement with the requirements of the relevant Heritage Inspection Permit issued by the Archaeology Branch. I concur that the above information is true given available information.*

Sincerely,

**ORIGINAL DOCUMENT SIGNED**

Marina Russell, B.Sc.  
Field Director, on behalf of,

Frank Craig, B.A., RPCA  
Permit holder

## 9. REFERENCES CITED

ARCHER CRM Partnership  
2010 *Archaeological Impact Assessment of Proposed British Columbia Timber Sales Cutblock CHU027*. HCA Permit 2009-0106. ARCHER CRM Partnership file 8820. Submitted to British Columbia Timber Sales Stuart Nechako. Copies on file at the Archaeology Branch, Victoria, BC.

**Subject Report Citation:**

ARCHER CRM Partnership  
2020 *Archaeological Impact Assessment of Proposed British Columbia Timber Sales Cutblock CHU20\_05*. HCA Permit 2019-0140. ARCHER CRM Partnership file 13410. Submitted to British Columbia Timber Sales Stuart Nechako. Copies on file at the Archaeology Branch, Victoria, BC.

## 10. REPORT DISTRIBUTION

| Contact                                                        | Affiliation                                                                          |
|----------------------------------------------------------------|--------------------------------------------------------------------------------------|
| David Zurevinski<br>250-567-6331<br>David.Zurevinski@gov.bc.ca | British Columbia Timber Sales Stuart Nechako<br>15560 BC-16, Vanderhoof, BC, V0J 3A0 |
| Damian Hind<br>250-953-3334                                    | Archaeology Branch<br>1250 Quadra St, Victoria, BC, V8W 2K7                          |

## 11. SHAPE FILES

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- ☒ Study area shape files have been sent to [archsiteform@gov.bc.ca](mailto:archsiteform@gov.bc.ca) Study area shapefiles will be submitted on the anniversary date of the Permit.

## 12. APPENDICES

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### Required:

- ☒ General Area Map (Figure 1)
- ☒ Study Area Map (Figure 1)
- ☒ Photo Plate(s) (Figure 1)

### If Applicable:

- ☒ Detailed Development Map (Figure 1)
- ☐ Subsurface Test Log
- ☐ Site Forms, Site Maps and Related Documents
- ☐ Other Details:



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**Archaeological Impact Assessment**

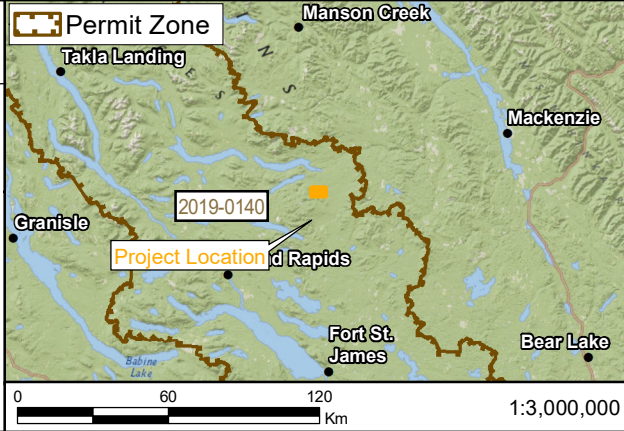
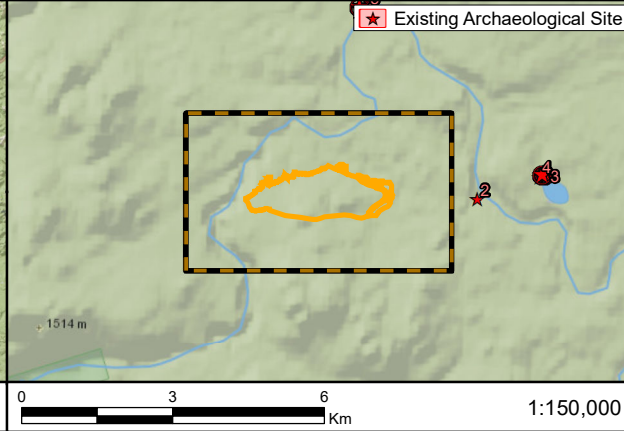
**BC Timber Sales Stuart-Nechako**

**Block CHU20\_05**

**Detailed Results Map**

**Figure: 1**

**Page: 6**



|                                                                                       |                                  |                                                                                       |                           |
|---------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------|---------------------------|
|  | Archer Survey Area               |  | Road Gravel               |
|  | Archer Access                    |  | Water Body                |
|  | WTP                              |  | Intermittant Water Body   |
|  | Study Area                       |  | Wetland                   |
|  | Prior Archer Project (Fieldwork) |  | Contour (20 m)            |
|  | Study Areas (Archaeology Branch) |  | Photo Location            |
|                                                                                       |                                  |  | BCGS Mapsheet             |
|                                                                                       |                                  |  | Borden Grid (archaeology) |
|                                                                                       |                                  |  | NTS Mapsheet              |

| Archer Project:                                                                                                                                                                                                                                                                                                                                                                                                      | 13410                          |              |             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------|-------------|
| Proponent:                                                                                                                                                                                                                                                                                                                                                                                                           | BC Timber Sales Stuart-Nechako |              |             |
| HCA Permit:                                                                                                                                                                                                                                                                                                                                                                                                          | 2019-0140 (Sec. 12.2)          |              |             |
| OGC AMS AA#:                                                                                                                                                                                                                                                                                                                                                                                                         | N/A                            |              |             |
| Surveyor's File:                                                                                                                                                                                                                                                                                                                                                                                                     | N/A                            |              |             |
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| Version                                                                                                                                                                                                                                                                                                                                                                                                              | Detail                         | Reviewed by: | Date        |
| 0                                                                                                                                                                                                                                                                                                                                                                                                                    | Original                       |              | 04-Dec-2020 |
|                                                                                                                                                                                                                                                                                                                                                                                                                      |                                |              |             |
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