

BRITISH COLUMBIA ARCHAEOLOGICAL IMPACT ASSESSMENT INTERIM REPORT FORM



1. REPORT TITLE

2019-0140-13403	Archaeological Impact Assessment of Proposed Stuart-Nechako British Columbia Timber Sales Cut Block AIR20_06.
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2. MANAGEMENT SUMMARY

2.1	Protected HCA Sites:	N/A
2.2	Brief Overview of Study:	
	ARCHER CRM Partnership (ARCHER) conducted an archaeological impact assessment (AIA) on the subject project at the request of David Zurevinski of Stuart-Nechako British Columbia Timber Sales (BCTS). An in-office review of the proposed cut block prior to field assessment identified areas of archaeological potential (AOPs) associated with Tchentlo Lake, unnamed streams and wetlands to the north and south of the project, as well as the potential for culturally modified trees (CMTs) based on the VRI data of a tree stand of sufficient age for pre-1846 CMTs.	
2.3	Results:	
	No areas of subsurface archaeological potential, archaeological sites, CMTs, or other cultural heritage resources protected under the <i>Heritage Conservation Act</i> (HCA) were identified as a result of this study.	
2.4	Management Recommendations:	
	Our visual inspection of the proposed BCTS Stuart-Nechako cut block AIR20_06 did not result in the identification of archaeological or other cultural heritage remains protected under the <i>Heritage Conservation Act</i> (HCA). 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 harvest, 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.	

3. ADMINISTRATIVE INFORMATION

3.1	Permit Holder:	Frank Craig f.craig@archercrm.ca	3.2	Permit Holder Affiliation:	ARCHER CRM Partnership T: 250-567-9496
3.3	Proponent Contact:	David Zurevinski David.zurevinski@gov.bc.ca	3.4	Proponent Affiliation:	BCTS Stuart-Nechako T: 250-567-6331
3.5	Interim Report Author(s):	Nicole Jackman			
3.6	Interim Report Date & Version:	August 11, 2020			
3.7	Notification of Work Date:	May 11, 2020: <ul style="list-style-type: none"> Binche Whut'en First Nation McLeod Lake Indian Band 			

		<ul style="list-style-type: none"> • Nak'azdli Whut'en First Nation • Takla First Nation • Tl'azt'en First Nation • West Moberly First Nation
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4. PROPOSED DEVELOPMENT

4.1	Description:	British Columbia Timber Sales Stuart-Nechako Business Area proposed cut block AIR20_06 <ul style="list-style-type: none"> • Logging block for timber harvest (95.6 ha)
4.2	Location:	The development is located southwest of Tchentlo Lake, southeast of Fish Creek, and south of Brule Creek and Indata Lake. The study area is specifically situated at NAD 83 UTM Zone 10N UTM Coordinates (approximate center) E: 358491 N: 6120669.

5. FIELD CREW

Table 1. Field Crew

Date (dd/mm/yy)	Field Director (on site? Y/N)	Field Supervisor	Other Field Personnel
22/07/20	Laura Enns (Y)	N/A	Lilly French, Ashley How
23/07/20	Marina Russell (Y)	N/A	John Abraham, Tanner Humphreys

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:
- ☒ Review of Provincial Heritage Register
Date Accessed: June 17; July 31, 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 protected Culturally Modified Trees (CMTs). Information use during the review included Remote Access to Archaeological Data (RAAD), 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 in the Vicinity of the Study Area

<i>Borden No.</i>	<i>Distance & Direction from the Proposed Development</i>	<i>Site Type</i>	<i>Permit No. of Previous Visits</i>	<i>Site in Conflict (Y/N)</i>
GhSh-1	3171 m northwest	Takla Lake-Tchentlo Lake Trail (portage)	No permit	N
GhSh-2	2447 m west	Traditional Use – Culturally Modified Tree	2007-140	N
GhSh-9	3041 m south	Cultural Depression – Cache Pit	2009-106	N

6.2. In-field Methodology

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

Date Accessed: July 22 & 23, 2020

Desk-top identified areas of archaeological potential and timber stands subject to possible impact were visually assessed by crew members on the ground. 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. Where applicable, natural and anthropogenic soil exposures (eroded banks, tree throws, etc.) in the project footprint were 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, however no CMTs were identified during assessment.

6.2.1	<i>Number of Crew Members:</i>	3	6.2.2	<i>Crew Spacing:</i>	15-20 m
6.2.3	<i>Other:</i>	Transects were spaced according to archaeological potential, forest/vegetation density and ground surface visibility.			

6.3. In-field Observations

Terrain along the northern, northeast and northwest boundary is low-lying and featureless. Standing water was observed in these areas at the time of survey. Terrain along the southern, southeast and southwest boundary is sloping and also featureless. Central portions of the block are undulating. No well-defined landforms were noted within the block. The forest cover consists of a mix of spruce, sub-alpine fir, lodgepole pine and aspen. The understory includes alder, thimbleberry, Devil's club, blueberry, cranberry, black gooseberry, hellebore, rose, bramble and colt's foot.

The block was flagged at the time of survey. Southern portions of the flagged block have been previously harvested.

6.4. Results

No areas of subsurface potential were noted as a result of this assessment. No archaeological sites, or other cultural heritage resources protected under the *Heritage Conservation Act* (HCA) were identified during this study.

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

Nicole Jackman, M.A., RPCA
Field Director, on behalf of,

Frank Craig, B.A., RPCA
Permit holder

9. REFERENCES CITED

Subject Report Citation:

ARCHER CRM Partnership

2020 *Archaeological Impact Assessment of Proposed Stuart-Nechako British Columbia Timber Sales Cut Block AIR20_06*. HCA Permit 2019-0140. ARCHER CRM Partnership file #13403, Submitted to Stuart-Nechako British Columbia Timber Sales. Copies on file at the Archaeology Branch, Victoria, BC.

10. REPORT DISTRIBUTION

Contact	Affiliation
David Zurevinski 250-567-6331 David.Zurevinski@gov.bc.ca	British Columbia Timber Sales Stuart Nechako 15560 BC-16, Vanderhoof, BC, V0J 3A0
Damian Hind 250-953-3334 Damian.Hind@gov.bc.ca	BC Archaeology Branch PO Box 9816 Stn Prov Govt, Victoria, BC V8W 9W3

11. SHAPE FILES

☒ Study area shape files have been sent to archsitereform@gov.bc.ca Study area shapefiles will be submitted on the anniversary date of the Permit.

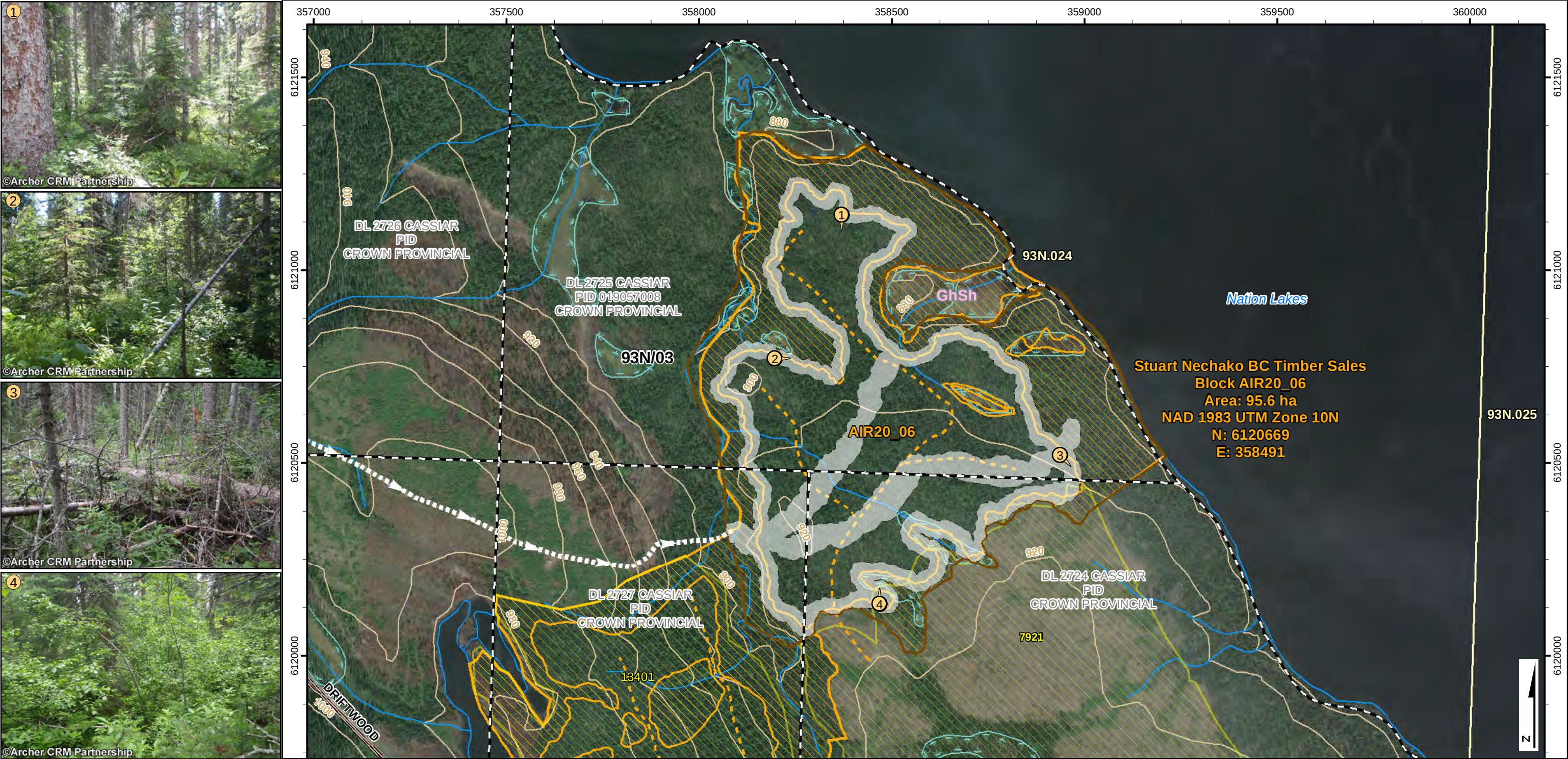
12. APPENDICES

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

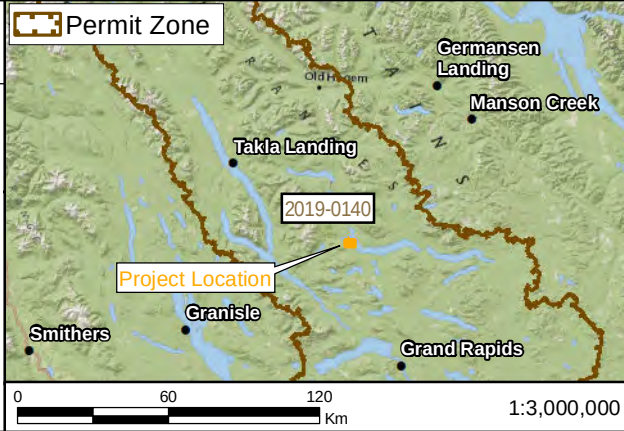
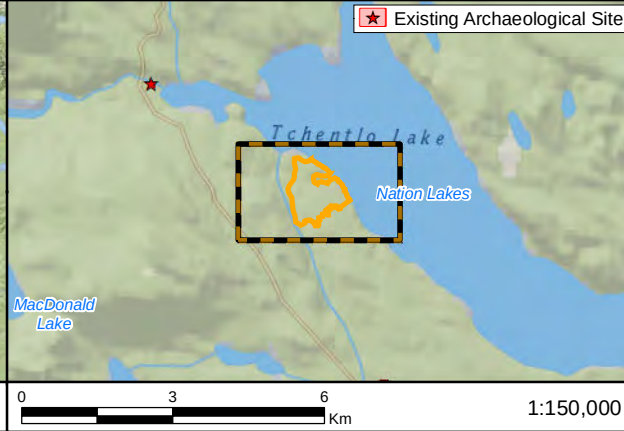
Stuart Nechako BC Timber Sales

Block AIR20_06

Detailed Results Map

Figure: 1

Page: 6



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|--------------------|---------------------------|
| Land Parcel | Water Body |
| Archer Survey Area | Wetland |
| Archer Access | Contour (20 m) |
| Study Area - Recce | Photo Location |
| Block Road | BCGS Mapsheet |
| WTP | Borden Grid (archaeology) |
| Study Area - Final | NTS Mapsheet |
| Road Gravel | |

Archer Project:	13403
Proponent:	Stuart Nechako BCTS
HCA Permit:	2019-0140 (Sec. 12.2)
OGC AMS AA#:	N/A
Surveyor's File:	N/A
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Version	Detail
0	Original

Reviewed by:

Date