

BRITISH COLUMBIA ARCHAEOLOGICAL IMPACT ASSESSMENT INTERIM REPORT FORM



1. REPORT TITLE

2017-137-12512	Archaeological Impact Assessment of Proposed Stuart-Nechako BCTS cut block TCH18_022.
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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 BCTS. An in-office review of the proposed cut block prior to assessment identified areas of archaeological potential associated with an unnamed tributary of Ahdatay Creek along the northern boundary of the development.	
2.3	Results:	
	A total of 10 subsurface tests were completed at one location exhibiting archaeological potential. All subsurface tests produced negative results. No archaeological materials or cultural features were identified within the study area as assessed.	
2.4	Management Recommendations:	
	Our visual inspection and subsurface testing program of the proposed Stuart-Nechako BCTS cut block TCH18_022 did not result in the identification of any archaeological or other cultural heritage remains protected under the <i>Heritage Conservation Act</i> (HCA). Based on the results of the present AIA archaeological remains are not anticipated in the remaining portions of the study area. As such, there are no further archaeological concerns for the proposed project footprint as illustrated in the attached Figure 1.	

3. ADMINISTRATIVE INFORMATION

3.1	Permit Holder:	Frank Craig E: f.craig@archercrm.ca	3.2	Permit Holder Affiliation:	ARCHER CRM Partnership T: 250.567.9496
3.3	Proponent Contact:	David Zurevinski E: David.Zurevinski@gov.bc.ca	3.4	Proponent Affiliation:	Stuart-Nechako BCTS T: 236.423.0909
3.5	Interim Report Author(s):	Patricia Lindsay			
3.6	Interim Report Date & Version:	December 7, 2018, V1			
3.7	Notification of Work Date:	April 25, 2018: <ul style="list-style-type: none"> Halfway River First Nation, McLeod Lake Indian Band, Nak'azdli Whut'en, Takla Lake First Nation, West Moberly First Nation, Yekooche First Nation 			
3.8	OGC Ref No.:	N/A			

4. PROPOSED DEVELOPMENT

4.1	<i>Description:</i>	Stuart-Nechako BCTS proposed cut block TCH18_022. <ul style="list-style-type: none"> • Logging block for timber harvest. • 12.4 ha.
4.2	<i>Location:</i>	This block is located northeast of Ahdatay Creek, northwest of Tchentlo Lake, and south of Klawli Lake. It is situated at NAD 83 UTM Zone 10 centre coordinates E: 383178 N: 6123976.

5. FIELD CREW

Table 1. Field Crew

<i>Date (dd/mm/yy)</i>	<i>Field Director (on site? Y/N)</i>	<i>Field Supervisor</i>	<i>Other Field Personnel</i>
28/07/18	Marina Russell (Y)	N/A	Gene Kristiansen, Patrick Smith

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: Ecofor 2004
- ☐ Previous field studies influenced this assessment
 Details:
- ☒ Review of Provincial Heritage Register
 Date Accessed: December 7, 2018
- ☐ Other
 Details:

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>
GhSf-1	2540 m south	Precontact: Subsistence Feature- Cache Pit	1971-0037	N

6.2. In-field Methodology

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

Date Accessed: July 28, 2018

Identified areas of archaeological potential and timber stands subject to possible impact were visually assessed by crew members on the ground. The terms and conditions guiding the overview and identification of archaeological potential are defined in the corresponding Permit Application. 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.

In areas exhibiting potential to contain archaeological materials subsurface tests measuring 35 x 35 cm in area were excavated. The depths of the tests measured 15 to 35 cm, at which point glacial fluvial sediments were encountered and the test was discontinued. Soils from all tests were screened through ¼ inch mesh.

Describe if other: CMTs in or adjacent to the subject project were sought given the presence of mature timber.

6.2.1	Number of Crew Members:	3	6.2.2	Crew Spacing:	15-20 m
6.2.3	Other:	Transect spacing of 15 m was utilized while traversing areas of high archaeological potential (i.e. along the northern boundary), while transects spaced farther apart (20 m) were utilized while traversing terrain between areas of high archaeological potential, and/or where forest cover and undergrowth allowed for high visibility of the surrounding terrain.			

6.3. In-field Observations

Terrain along the northern boundary of the study area is gently undulating and typically featureless. The eastern portion of the study area is characterized by low-lying and wet conditions. The interior of the development is undulating and contains open lodgepole pine stands. The forest cover is dominated by lodgepole pine with hybrid spruce and subalpine fir also present. The understory consists of huckleberry, bunchberry, kinnikinnik, rose, alder, lichen and moss.

No natural or anthropogenic disturbances were observed within the study area as assessed.

6.4. Results

A total of 10 subsurface tests were completed at one location within the study area. All subsurface tests returned negative results for archaeological materials.

Table 3. Assessment Results

Subsurface Test Area	Description*	Dimensions (L x W)	Subsurface Tests		
			Total	Positive	Negative
TL1-10	Test location is situated atop a knoll overlooking an unnamed stream 15 m to the west. Stratigraphy is uniform throughout: 0-3 cm depth below surface (dbs) duff; 3-7 cm light grey sand; 7-15 cm orange-brown sand; 15-35+ cm yellow sand.	6 x 6 m	10	0	10

7. ARCHAEOLOGICAL SITE SUMMARY

N/A

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

Patricia Lindsay, B.A.
Field Director, on behalf of,

Frank Craig, B.A., RPCA
Permit holder

9. REFERENCES CITED

Ecofor

2004 *Fort St. James Forest District Archaeological Predictive Model Revision Project. Final Report*, Prepared by Ecofor Natural and Cultural Resource Consultants Ltd., Prepared for Canadian Forest Products to meet FIA project guidelines. *Fort St. James Division*.

Subject Report Citation:

ARCHER CRM Partnership

2018 *Archaeological Impact Assessment of Proposed Stuart-Nechako BCTS cut block TCH18_022*. HCA Permit 2017-137. ARCHER CRM Partnership file 12512, Submitted to Stuart-Nechako BCTS. Copies on file at the Archaeology Branch, Victoria, BC.

10. REPORT DISTRIBUTION

Contact	Affiliation
David Zurevinski 250.567.6363 David.Zurevinski@gov.bc.ca	Stuart-Nechako BCTS
Sebastian Blackthorne 250.953.3357 Sebastian.Blackthorne@gov.bc.ca	Archaeology Branch

11. SHAPE FILES

- ☒ Study area shape files have been sent to archsitereform@gov.bc.ca As per Section 8 of the Permit Application and Bulletin 24, Study area shapefiles will be submitted on the anniversary date of the Permit.

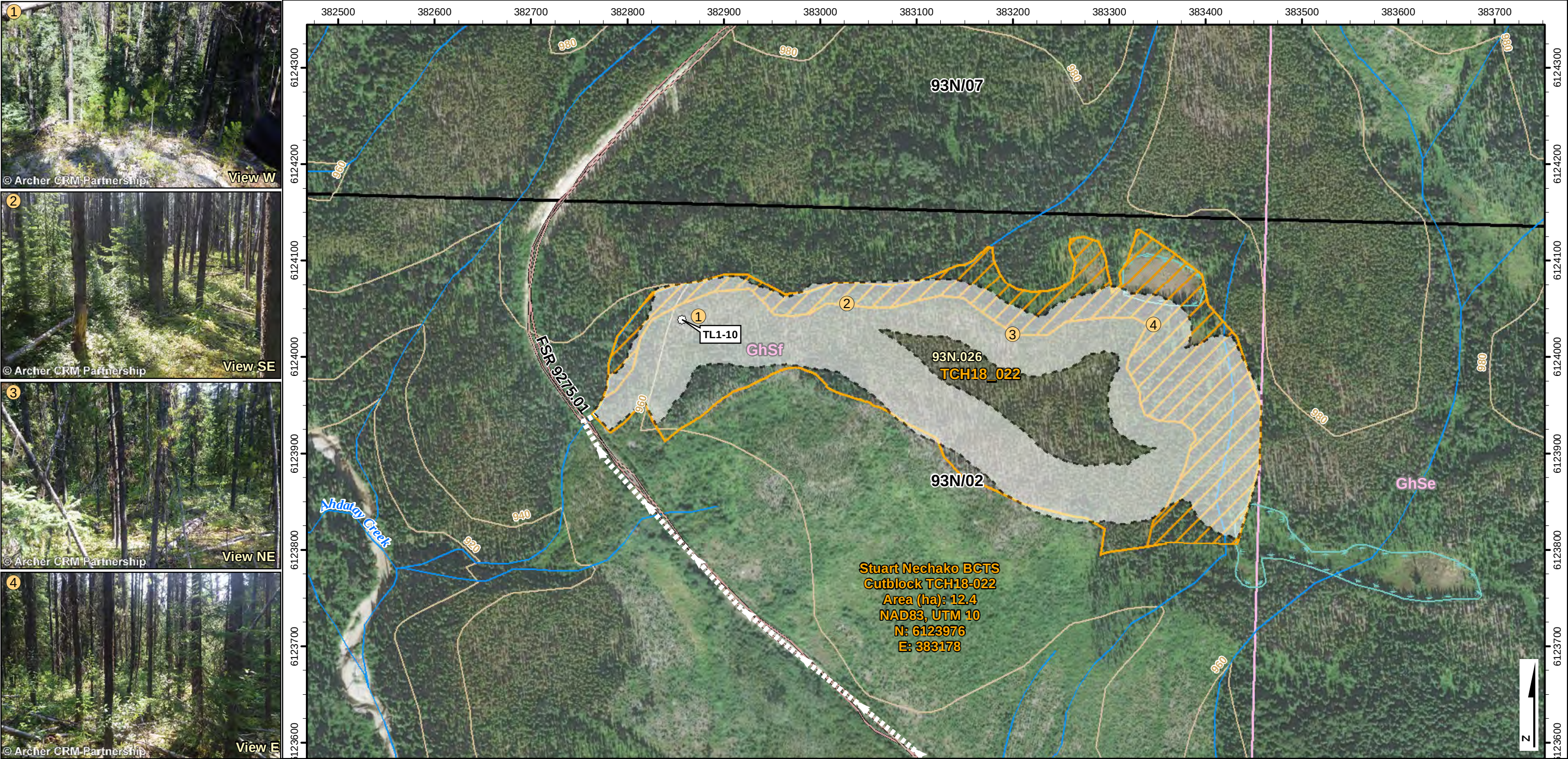
12. APPENDICES

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:





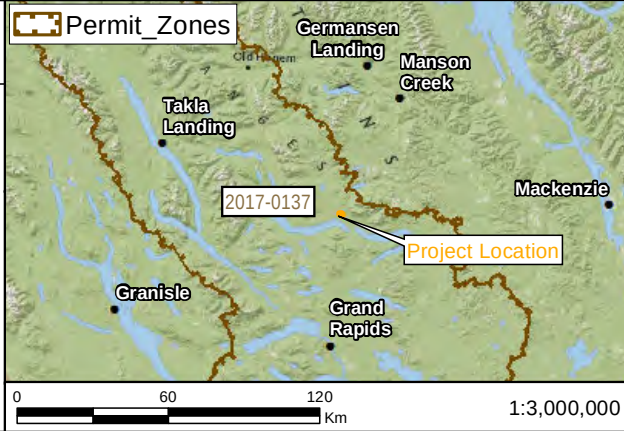
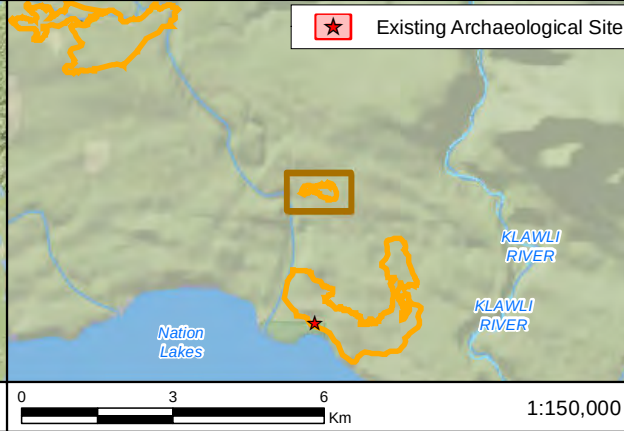
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Archaeological Impact Assessment

Stuart Nechako BCTS
Fort St James District
Cutblock TCH18-022

Figure: 1

Page:





New Archaeological Site



Sub-surface Testing



Archer Surveyed Area



Access Road



Study Area



Forest Road



Water Body

Wetland



Contour (20 m)



Archer Access



Photo Location



BCGS Grid



Borden Grid



NTS Grid

Archer Project:	12512		
Proponent:	Stuart Nechako BCTS		
HCA Permit:	2017-137 (Sec. 14)		
OGC AMS AA#:	NA		
Surveyor's File:	NA		
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Version	Detail	Reviewed by:	Date
0	Original		06-Dec-2018