

BRITISH COLUMBIA ARCHAEOLOGICAL IMPACT ASSESSMENT INTERIM REPORT FORM



1. REPORT TITLE

2019-0140-13413	Archaeological Impact Assessment of Proposed British Columbia Timber Sales Stuart-Nechako Cutblock CUN063.
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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).	
2.3	<i>Results:</i>	
	A total of 98 subsurface tests were placed at two locations exhibiting archaeological potential. All subsurface tests returned negative results for archaeological materials. No archaeological sites or other cultural heritage resources protected under the <i>Heritage Conservation Act</i> (HCA) were identified as a result of this study.	
2.4	<i>Management Recommendations:</i>	
	Our visual inspection and subsurface testing program of the proposed BCTS Stuart Nechako cutblock CUN063 did not result in the identification of archeological or other cultural heritage remains protected under <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 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.	

3. ADMINISTRATIVE INFORMATION

3.1	<i>Permit Holder:</i>	Frank Craig f.craig@archercrm.ca	3.2	<i>Permit Holder Affiliation:</i>	ARCHER CRM Partnership T: 250-567-9496
3.3	<i>Proponent Contact:</i>	David Zurevinski David.Zurevinski@gov.bc.ca	3.4	<i>Proponent Affiliation:</i>	BCTS Stuart Nechako T: 250-567-6331
3.5	<i>Interim Report Author(s):</i>	Marina Russell			
3.6	<i>Interim Report Date & Version:</i>	December 11, 2020, V1			
3.7	<i>Notification of Work Date:</i>	May 11, 2020: <ul style="list-style-type: none"> Binche Whut'en Nak'azdli Whut'en Band 			

		<ul style="list-style-type: none"> Tal'azt'en Nation Yekooche First Nation
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4. PROPOSED DEVELOPMENT

4.1	<i>Description:</i>	British Columbia Timber Sales Stuart Nechako Business Area CUN063 <ul style="list-style-type: none"> Cutblock for timber harvest Total area 227.5 ha
4.2	<i>Location:</i>	The development is located southwest of Stuart Lake, northwest of Pam Lake and southeast of Grassham Lake. It is situated at NAD 83 UTM Zone 10 UTM Coordinates (approximate center) E: 394170 N: 6039201.

5. FIELD CREW

Table 1. Field Crew

<i>Date</i> (dd/mm/yy)	<i>Field Director</i> (on site? Y/N)	<i>Field Supervisor</i>	<i>Other Field Personnel</i>
10/07/20	Marina Russell (Y)	N/A	Greg Ketlo, Cyrus Prince (Nak'azdli Whut'en)
07/08/20	Marina Russell (Y)	N/A	Greg Ketlo, Gene Kristiansen
10/08/20	Marina Russell (Y)	N/A	Greg Ketlo, Gene Kristiansen
11/08/20	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: Two previous ARCHER assessments either slightly overlap or are located immediately adjacent to the project area and field survey was adjusted accordingly (ARCHER 2009; ARCHER 2010).
- ☒ Review of Provincial Heritage Register
Date Accessed: May 21 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 & Direction from the Proposed Development</i>	<i>Site Type</i>	<i>Permit No. of Previous Visits</i>	<i>Site in Conflict (Y/N)</i>
GcSd-11	4272 m S	PRECONTACT – Cultural Material – Subsurface – Lithics	2018-198	N

6.2. In-field Methodology

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

Date Accessed: July 10, August 7, 10 and 11, 2020

During the assessment the study area was visually assessed by one crew with three to four 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 (erode banks, tree throws etc.) in the project footprint were visually examined for cultural remains in disturbed or secondary contexts.

The depths of the tests varied from 25-40 cm, at which point hard-packed glacial sediments were encountered and the tests were discontinued. All sediments from the tests were screened through ¼" mesh.

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

6.2.1	<i>Number of Crew Members:</i>	3	6.2.2	<i>Crew Spacing:</i>	5-30 m
6.2.3	<i>Other:</i>	Transects were spaced according to archaeological potential, forest/vegetation cover density and ground surface visibility.			

6.3. In-field Observations

The study area is situated across terrain which is generally featureless with areas of low-lying wet and gently rolling terrain. Some terraces were encountered in the southeastern portion of the block along an unnamed stream.

Forest cover consists primarily of lodgepole pine, subalpine fir and hybrid spruce with trembling aspen and black cottonwood. Understory is comprised of bunchberry, cranberry rose, alder, Devil's club, bramble, gooseberry, club moss, baneberry, colt's foot, twinberry, false Solomon's seal, arnica, trailing twinflower, huckleberry, cow's parsnip and clasping twisted stock.

The block was not flagged at the time of assessment. No previous anthropogenic disturbances were observed.

6.4. Results

A total of 98 subsurface tests were placed at two locations exhibiting archaeological potential. All subsurface tests returned negative results for archaeological materials.

No archaeological sites or other cultural heritage resources protected under the *Heritage Conservation Act* (HCA) were identified as a result of this study.

Table 3. Assessment Results

Subsurface Test Area	Description	Stratigraphy	Dimensions (m) (L x W)	Subsurface Tests		
				Total	Positive	Negative
TL1	Situated on a terrace overlooking a stream which curves around the landform. Systematic testing was employed with the addition of some judgemental tests where the landform curves with the stream.	Stratigraphy is uniform throughout as follows: 0-6 cm duff; 6-13 cm medium brown sand; 13-20 cm light brown sand; 20-35 cm light grey brown compact sand; 15% pebbles throughout	50 m x 5 m	31	0	31
TL2	Situated on a terrace overlooking the same stream as TL1. Systematic testing was employed.	Stratigraphy is uniform throughout as follows: 0-5 cm duff; 5-14 cm light grey sand; 14-23 cm light yellow brown sand; 23-25 cm + brown grey compact sand; 15% pebbles throughout.	150 m x 5 m	67	0	67

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
2009 *Archaeological Impact Assessment of Proposed British Columbia Timber Sales Cutblock CUN062*. HCA Permit 2009-0106. ARCHER CRM Partnership file 8438. Submitted to British Columbia Timber Sales Stuart Nechako. Copies on file at the Archaeology Branch, Victoria, BC.
- 2010 *Archaeological Impact Assessment of Proposed British Columbia Timber Sales Cutblock CUN062*. HCA Permit 2009-0106. ARCHER CRM Partnership file 8895. 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 CUN063*. HCA Permit 2019-0140. ARCHER CRM Partnership file 13413. Submitted to British Columbia Timber Sales Stuart Nechako. 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	Archaeology Branch 1250 Quadra St, Victoria, BC, V8W 2K7

11. SHAPE FILES

- ☒ Study area shape files have been sent to archsiteform@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) (Figures 1-2)

If Applicable:

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

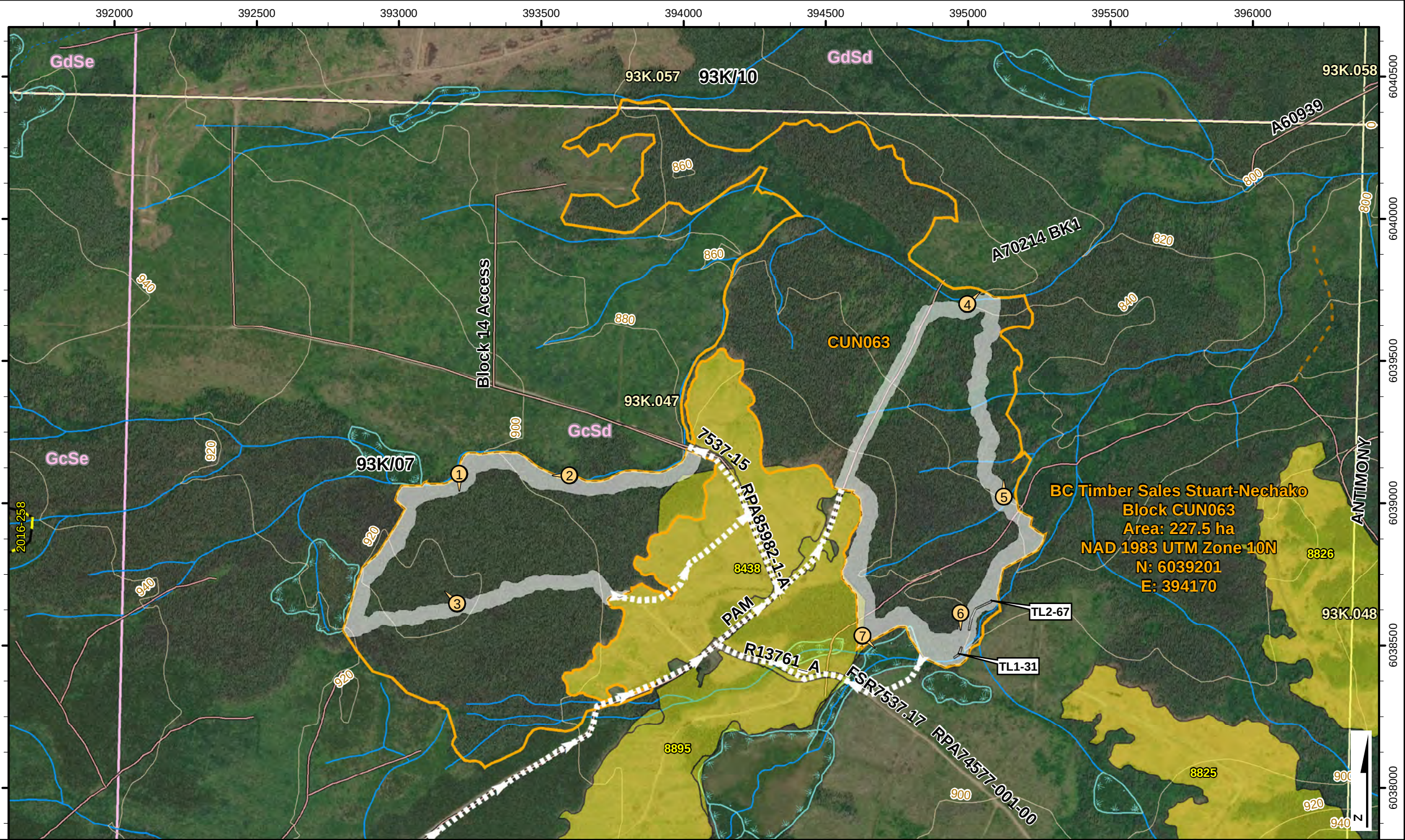


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Archaeological Impact Assessment

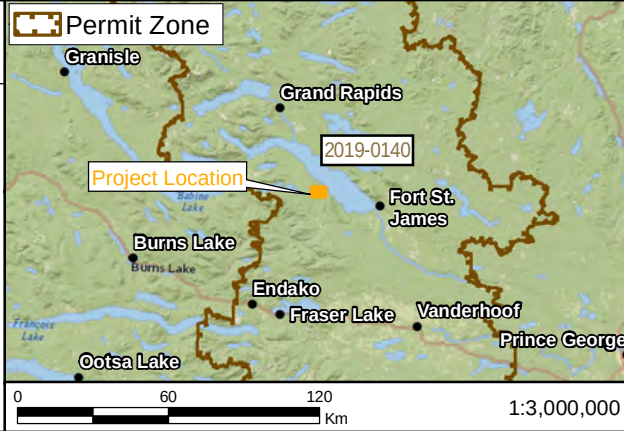
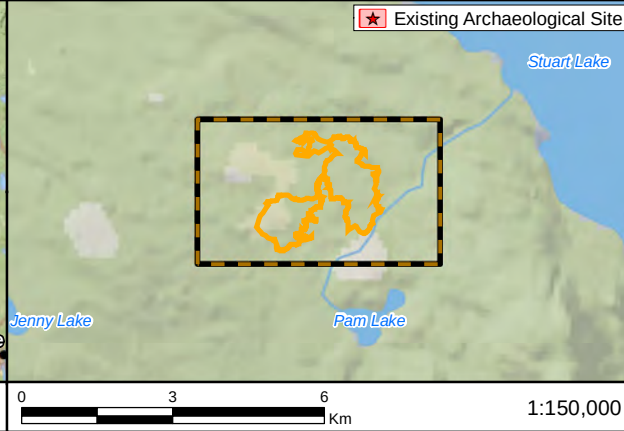
BC Timber Sales Stuart-Nechako

Block CUN063

Detailed Results Map

Figure: 1

Page: 6



- Subsurface Testing
- Archer Survey Area
- Archer Access
- Study Area
- Prior Archer (Fieldwork)
- Study Areas (Archaeology Branch)
- Contour 20 m
- Gravel Road
- Rec Trail
- Lake/River
- Intermittant Lake/River
- Wetland
- Photo Location
- BCGS Mapsheet
- Borden Grid (archaeology)
- NTS Mapsheet

Archer Project:	13413
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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0 150 300 600 1:15,000 Meters	
Version	Detail
0	Original



See Figure 1 for photo locations.

 13413	Figure: 2	Photo Plate: BC Timber Sales Stuart-Nechako - Block CUN063	HCA Permit 2019-0140	Date 11/Dec/2020	7
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