

CHAPTER 7

APPENDIX 7F

**Memo re: Further Heritage Resources
Site Investigations Required**

Further Heritage Resources Site Investigations Required

Heritage Resources are protected and managed under Chapter 13 of the *Umbrella Final Agreement* and under the *Historic Resources Act*. Fieldwork, reporting, recovery and other associated activities have to meet the Yukon Archaeological Sites Regulations Guidelines. Recovered artifacts are curated with the Yukon Heritage Resources Unit.

Project related effects are limited to the Project Construction Footprint area, as the Project will not raise water levels beyond the existing licensed range on Mayo Lake (the only pathway to effects on heritage resources around Mayo Lake). Given the finalization of the canal/penstock option, additional shovel testing will take place at the terrace edge overlooking the agricultural field and additional assessments will also be undertaken for the final transmission line, the road alignment, and the new powerhouse.

The main structural features of the Huffman Farmstead buildings will be avoided by at least a 30 metre buffer. Impacts related to trails associated with the Huffman Farmstead will be avoided, if possible. Should impacts occur, mapping and photo documentation will take place.

Huffman sites 1 and 2 (lithic sites KjTx-10 and KjTx-11) will each be avoided by a 15 meter radius buffer. If YEC requires access through either buffer zone, then consultation will be undertaken with NND and the Heritage Branch, and recovery excavation (detailed data recovery) will take place at the impacted site(s) as a mitigation measure, to obtain a sample representative of the materials at the site. Given the need for access to the buffer around sites KjTx-10 and KjTx-11, additional shovel testing will take place, and block excavations of 4m² will take place at each positive shovel test location prior to impact.

The Mable McIntyre Cabin is not within the area of proposed improvements, but the "three-sided" Cabin is located within the estimated ROW of the canal. This cabin is evaluated as having low significance in terms of heritage resources, and further coordination with the Heritage Branch will be undertaken to determine the optimal approach. The historic refuse scatter (i.e., the dump) will also be partially impacted by the canal but was evaluated as having a low significance. Similar coordination with the Heritage Branch will occur.

The "hermit cabin", possible open grave, wagon wheel, and wooden box feature are all currently outside of the area of proposed improvements. Should additional improvements to the project require access to these sites, then the Heritage Branch will be contacted and additional assessments will take place.

Mitigation measures related to the potential inadvertent discovery of unknown heritage sites during Project construction activities include adherence to Yukon Energy's EMS best practices for Heritage Resources, as well as flagging any newly discovered sites. Upon discovery of any new heritage sites, construction activity in proximity to the site will cease until consultations with the NND and the Yukon Heritage Branch indicates that work can proceed.