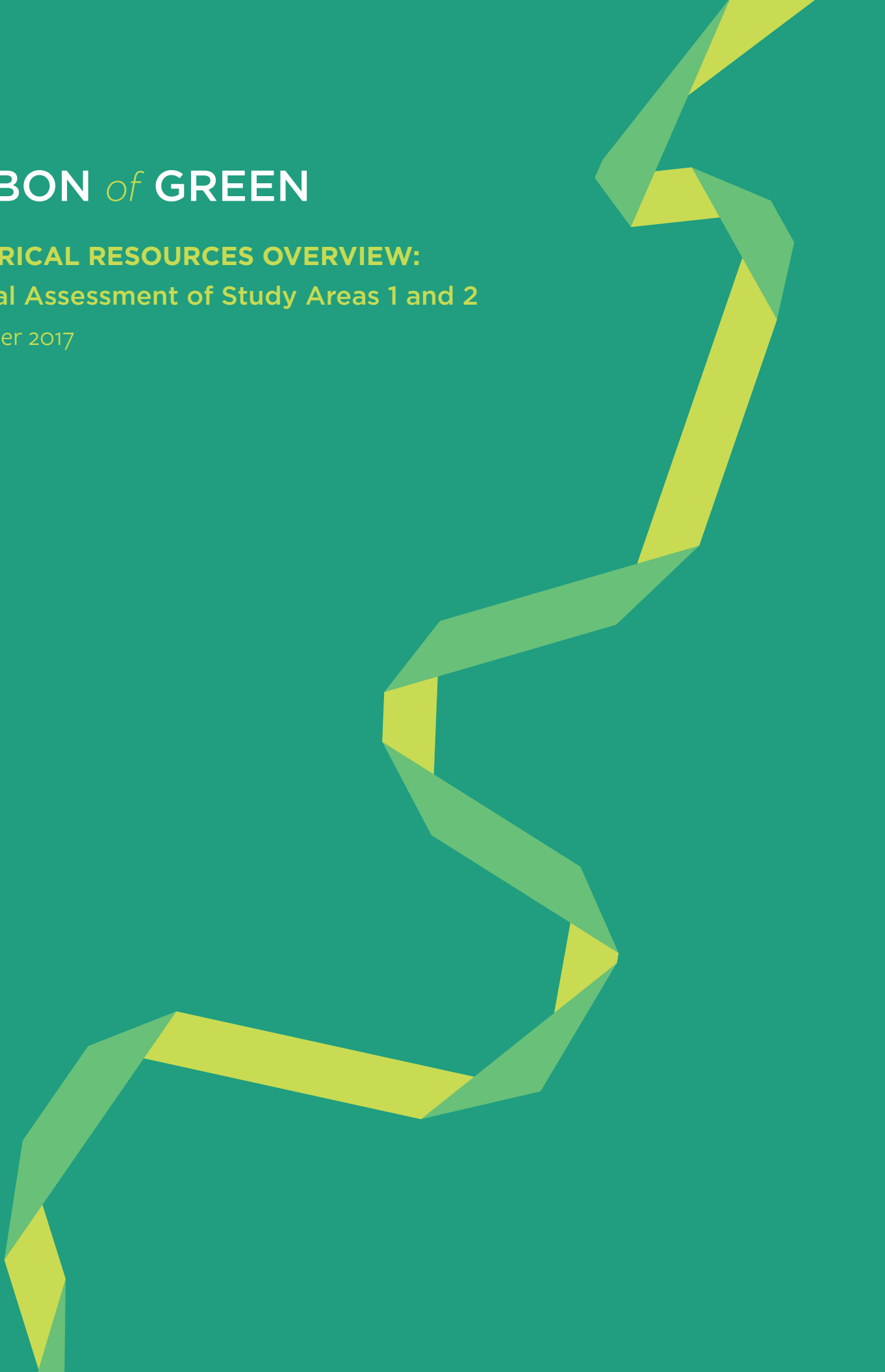


# RIBBON *of* GREEN

**HISTORICAL RESOURCES OVERVIEW:  
Cultural Assessment of Study Areas 1 and 2**

November 2017



Prepared for  
**City of Edmonton**

Prepared by  
**Western Heritage**  
**O2 Planning + Design Inc.**

## **CREDITS**

The project personnel gratefully acknowledge the assistance of Ms. Rachelle Dillon and Dr. Omair Chaudhry in ensuring timely completion of the project. Mr. Jeff Werner conducted the archaeological and historical site search at Alberta Culture and Tourism on behalf of Western Heritage. Thank you also to the staff at Alberta Culture and Tourism, particularly Ms. Caroline Hudecek-Cuffe, Archaeologist at the Archaeological Survey and Mr. Aaron Wilson, Aboriginal Consultation Advisor, Aboriginal Heritage Section, for their assistance with ensuring that our assessment and recommendations were in line with current regulatory requirements and the principles of due diligence.

*NOTE: This is an abridged version of the original document*

### **PROJECT MANAGEMENT**

Krista Gilliland, Ph.D.

### **GIS**

Petr Kurzybov, M.A.  
Lindsey Knapp, B.A., C.G.T.

### **PROJECT SETUP**

Krista Gilliland  
Kathy Finnigan  
Jim Finnigan, M.A.

### **REPORT AUTHORS**

Krista Gilliland  
Jane Gibson, B.A.  
Petr Kurzybov  
Peter Stewart, M.A.

### **E AND O REVIEW**

Terrance Gibson, Ph.D.



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# **RIBBON OF GREEN:**

HISTORIC RESOURCE  
OVERVIEW OF STUDY  
AREAS 1 & 2





# EXECUTIVE SUMMARY

Western Heritage, as part of the Ribbon of Green (ROG) consulting team led by O2 Planning + Design, undertook a desktop-based assessment of the historic resources within the ROG Study Areas 1 and 2 project footprint and an adjacent 100 metre (m) buffer zone. As part of this assessment, we also made recommendations regarding levels of future use and potential developmental impacts, as related to the historic resources (known or unknown) within a particular area. These recommendations were made in alignment with the Land Management Units categories outlined in previous ROG studies.

The methods employed in this analysis included a review of previously published consultant's reports, research, maps, LiDAR, and online resources, in addition to a review of selected archaeological and historic site forms on file at Alberta Culture and Tourism. Evaluations of archaeological potential, interpretive value, and recommendations regarding acceptable possible future impacts and interpretive media were made based on professional judgment, upon consideration of the available consulted resources. To ensure the recommendations are in alignment with regulatory approvals, a draft was submitted to staff at the Archaeological Survey and Aboriginal Heritage Section, both of whom subsequently approved of the recommendations.

A total of 101 known archaeological resources, 32 historic sites, and 2 contemporary sites considered to be of cultural significance are present within the ROG study areas discussed in this report. In all, there were 160 zones of archaeological potential were defined as a means of estimating the likely presence of unknown archaeological resources within the ROG footprint and buffer, and of these, 137 were considered to be of high archaeological potential.

This report begins with a brief discussion of the physical and archaeological context of the (ROG), followed by an overview of the methods used to conduct the desktop reviews of the archaeological and historical sites within the ROG footprint. The results of this study are summarized in tabular form in this report and in the accompanying geodatabase, and are also presented spatially in the accompanying geodatabase.

The recommendations and comments presented in this report are those of the authors and are subject to evaluation by Historic Resources Management Branch (HRMB) archaeologists at Alberta Culture and Tourism (ACT). Despite Western Heritage's thorough desktop overview, fortuitous discovery of historic resources may occur during the construction phase of any proposed development within any portion of the ROG footprint or buffer zone. In these cases, the discovery of historic resources should be reported immediately to ACT and the City of Edmonton's Indigenous Relations Office, to determine strategies for on-site assessment. In the event that human remains or suspected human remains are encountered, the local RCMP detachment must be contacted immediately, in addition to City of Edmonton's Indigenous Relations Office.

This report has been reviewed and approved by the senior archaeologist whose signature is below



Terrance Gibson, Ph.D.

April 21, 2017

# INTRODUCTION

Heritage resources are among the key elements that connect people with places, by providing a sense of past cultures within the landscape, changes that occurred over time, and ways in which the present relates to the past. An understanding of the heritage resources that are present within the Ribbon of Green footprint is thus a fundamental aspect of enabling Edmontonians to engage with the City's parks and green spaces. Effective planning for the future of the Ribbon of Green area also requires knowledge regarding the appropriate management of known and unknown historic resources within the project footprint. To address this need, in early 2017 Western Heritage, as part of the Ribbon of Green consulting team led by O2 Planning + Design, undertook a desktop-based assessment of the historic resources within the project footprint and an adjacent 100 metre (m) buffer zone. As part of this assessment, we also made recommendations regarding levels of future use and potential developmental impacts, as related to the historic resources (known or unknown) within a particular area. These recommendations were made in alignment with the Land Management Units categories outlined in previous Ribbon of Green studies (e.g. Edmonton Parks and Recreation 1992:38).

This report begins with a brief discussion of the physical and archaeological context of the Ribbon of Green (ROG), followed by an overview of the methods used to conduct the desktop reviews of the archaeological and historical sites within the ROG footprint. The results of this study are summarized in tabular form in this report and in the accompanying geodatabase, and are also presented spatially in the accompanying geodatabase



# CONTEXT

The current Ribbon of Green (ROG) project area lies within the City of Edmonton, in the Central Parkland Natural Region of Alberta (Natural Regions Committee 2006), and encompasses portions of the North Saskatchewan River valley and several valleys of its smaller tributaries (Figure 1). Tables 1 and 2 list the legal land descriptions and Historic Resources Values (HRVs, as determined by the Historic Resources Management Branch [HRMB] of Alberta Culture and Tourism [ACT]) of lands within the ROG project footprint.

The sections that follow provide a brief overview of the archaeological history of the Edmonton region, followed by the history of First Nations and Euro-Canadian Settlement in the area.

## Archaeological History

This section provides an overview of the archaeological history of Alberta, and is not intended to summarize the details of this complex and still relatively under-researched subject, which is addressed in more detail in several other sources (e.g. Brink 2008; Brink and Dormaar 2003; Kooyman and Kelley 2004; Peck 2011; Reeves 1969, 1983; Vickers 1986). Rather, this brief summary is provided as context for the results of this study. Human occupation of northern Alberta began after the glaciers retreated from the area, about 10,000 years ago. Evidence for this early occupation period is sparse, but current thinking is that people may have followed the ice sheet retreat northwards, moving from the south between 10,000 and 8,000 years ago. People continued to move into the central and northern parts of Alberta as the post-glacial environmental and landscape conditions became more favourable for habitation (Royal Alberta Museum 2011).

The history of human occupation of the area that is now Alberta has been divided into periods. Delineation of the periods prior to the arrival of Europeans is based primarily on projectile point style and size, which reflect changes to hunting technology over time, from spear to dart to arrow. These technological changes correspond to the Early (approximately 11,050-7500 years before present [y BP]), Middle (7500 to 1500 y BP), and Late (1500 to 300 y BP) Periods (respectively) of the history of ancestral First Nations on the Alberta Plains (see Peck 2011:3). The arrival of Europeans introduced additional technologies and trade goods. This period of indirect or direct contact between indigenous peoples and Europeans, as evidenced from the artifact record, is termed in the literature as the “Protohistoric” period, and extends from about 300 to the period of permanent European settlement (the “Historic” period).

## First Nations and Euro-Canadian Settlement

The archaeological record in the Edmonton region suggests that people were occupying the area along the banks of the North Saskatchewan by at least 5000 years ago (i.e. the Prosser and Strathcona sites; Huck and Whiteway 1998:244-251). However, although there continues to be debate over when the northern Alberta landscape became habitable, in general it is thought that people inhabited the region some time during the early postglacial period, about 10,000 years before present (y BP), following the retreat of glacial ice (Royal Alberta Museum 2011b). Currently, the Edmonton area is understood to be within the traditional territories of several First Nations groups, including the Plains and Woodland Cree, Stoney, Saulteaux, Dene, Nakota-Sioux, Tsuu T'ina, and Blackfoot, as well as the homeland of the Métis (Native-Land 2017). The first documented European to enter the Edmonton area was Anthony Henday, an employee of the Hudson's Bay Company; he arrived in the area in 1755 (Macleod 2004).

The fur trade involved a variety of people from different groups, including Indigenous traders as well as those of Euro-Canadian descent. By the late 1790's, the North West Company (NWC) and Hudson's Bay Company (HBC) established a number of fortified trading posts in the region, with Fort Augustus (NWC) on the Sturgeon River near Fort Saskatchewan being one of the most long-lived. Fort Edmonton became one of the region's primary fur trading centres in 1821 after the two companies merged. Fort Edmonton fell into disuse after the HBC surrendered its rights to Rupert's Land, in 1870 (Smith and Sholdice 2014).

First Nations groups were displaced into four "Indian Reserves" in the Edmonton region by the Canadian Government. This encouraged the permanent Euro-Canadian settlement of the Edmonton region in the period that followed the signing of Treaty 6, which was signed at Fort Carlton and Fort Pitt in 1876 after negotiations with the Plains and Woodland Cree, Assiniboine, Saulteaux and Chipewyan of Alberta and central Saskatchewan (Goldi Productions Ltd. 2007). There are currently 17 Alberta First Nations communities under Treaty 6 (Government of Canada 2014; Montana First Nation 2002). The First Nations communities closest to Edmonton include the Alexander First Nation (located about 20 km north of Edmonton), the Enoch Cree Nation (located in the Enoch area, on the west side of Edmonton), Paul Band (located in the Wabamun area, west of Edmonton), Alexis Nakota Sioux Nation (located about 50 km north-west of Edmonton), the Ermineskin Cree Nation, the Louis Bull Tribe, the Montana First Nation, and the Samson Cree Nation (all located about 90 km south of Edmonton in the Maskwacis area).

There is a history of the Métis in the wider Edmonton region; for example, the Métis river lots along the Sturgeon River in St. Albert, Fort Saskatchewan, and Edmonton Settlement. Further research and interviews with Métis descendants of the area will likely contribute additional information regarding the presence and activities of the Métis within the ROG footprint.

By 1905, Edmonton was connected to a branch of the Canadian Northern Railway, and it had been selected to be the capital of the newly created Province of Alberta. At this time, the Edmonton area was a large agricultural region, and by 1912 had a population of between 50,000 and 75,000. Edmonton continued to be a major agricultural centre until 1941, when it had a population of about 93,800. The economy still relied on trade and transportation as well as on processing agricultural products, especially meat packing. It also became an air transport centre, and during World War II, became a centre for northern military operations and later a centre for servicing and processing the petroleum industry. As the petroleum industry in northern Alberta has expanded, so too has the Edmonton region's population, which reached 1,159,869 in 2011 (Macleod 2004; Smith and Sholdice 2014).



**Figure 1:** Map showing location of Study Areas 1 and 2 within the Ribbon of Green footprint.

**Table 1:** Legal description of lands within Ribbon of Green Study Area 1 (SW) and associated Historic Resources Values (HRV).

Lands within Study Area 1						
Legal Description					HRV	Category*
MER	RGE	TWP	SEC	LSD		
4	4	51	28	12-13	5	a
4	4	51	28	4-5,12-13	5	p
4	4	51	29	2-12,14-16	5	a
4	4	51	29	1-16	5	p
4	4	51	30	1	5	a
4	4	51	30	1-2,8	5	p
4	4	51	32	1-2,8-9	5	a
4	4	51	32	1-3,6-10	5	p
4	4	51	32	6	4	a
4	4	51	33	3-7,9-16	5	a
4	4	51	33	3-7,9-16	5	p
4	4	52	3	6,13-14	5	a
4	4	52	3	3-6,11-14	5	p
4	4	52	4	1-2,7-9	5	a
4	4	52	4	1-2,4,7-9,16	5	p
4	4	52	5	13-15	5	a
4	4	52	5	13	5	p
4	4	52	6	16	5	p
4	4	52	8	2,4-7	5	a
4	4	52	8	2-4,8-9,16	5	p
4	4	52	8	3	4	a
4	4	52	9	7-11,14-15	5	a
4	4	52	9	1-2,6-15	5	p
4	4	52	10	3-6,12	5	a
4	4	52	10	3-6,9-12,14-16	5	p
4	4	52	10	15-16	4	a
4	4	51	17	1-3,6-11,13-15	5	a
4	4	51	17	1-3,5-15	5	p
4	4	51	18	9-11,14,16	5	a
4	4	51	18	9,16	5	p
4	4	51	18	15	4	a
4	4	51	19	1-3	5	a
4	4	51	19	16	5	a

HRV of 5 means that Alberta Culture and Tourism (ACT) considers the land to be of high potential to contain an historic resource; an HRV of 4 means that the land contains an historic resource that may require avoidance. (reference: <http://www.culturetourism.alberta.ca/heritage-and-museums/programs-and-services/land-use-planning/docs/listing-instructions-dec-2016.pdf>)

Lands within Study Area 1						
Legal Description					HRV	Category*
MER	RGE	TWP	SEC	LSD		
4	4	51	19	1,7-10,15-16	5	p
4	4	51	20	2-7,10-14	5	a
4	4	52	14	3,6,11-12	5	a
4	4	51	20	2-7,10-14	5	p
4	4	52	14	12	5	a
4	4	52	14	12-13	5	a
4	4	52	14	4-5,12-13	5	p
4	4	52	14	4-5	4	a
4	4	52	15	3,6,11	5	a
4	4	52	15	4-5,16	5	a
4	4	52	15	3,6	5	a
4	4	52	15	3,6,11,14-15	5	a
4	4	52	15	3,6	5	a
4	4	52	15	1-10,16	5	p
4	4	52	15	1-2,7-8	4	a
4	4	52	15	1-2	4	a
4	4	52	15	2	4	a
4	4	52	15	7-10,16	4	a
4	4	52	16	2-3,6-9	5	a
4	4	52	16	2-3,6-9	5	p
4	4	51	36	1,8-9,16	5	a
4	4	51	29	1-3,5-7,12-14	5	a
4	4	51	36	4,6-7,10,13-15	5	a
4	4	51	29	1-3,5-7,12-14	5	p
4	4	51	31	7-11,13-14	5	a
4	4	51	36	1-2,7-10,15-16	5	p
4	4	51	31	7-11,13-14	5	p
4	4	51	32	3-5	5	a
4	4	51	32	3-5	5	p
4	4	52	1	1-2,6-11,13-15	5	a
4	4	52	1	1-2,6-11,13-15	5	p
4	4	51	24	13	5	a
4	4	51	24	11-12,14	5	a
4	4	51	24	13	5	p
4	4	51	24	13	4	a
4	4	51	25	3-4,6,11,13	5	a

HRV of 5 means that Alberta Culture and Tourism (ACT) considers the land to be of high potential to contain an historic resource; an HRV of 4 means that the land contains an historic resource that may require avoidance. (reference: <http://www.culturetourism.alberta.ca/heritage-and-museums/programs-and-services/land-use-planning/docs/listing-instructions-dec-2016.pdf>)

Lands within Study Area 1						
Legal Description					HRV	Category*
MER	RGE	TWP	SEC	LSD		
4	4	51	25	3-4,6,11,13	5	a
4	4	51	25	3-4	5	a
4	4	51	25	6,11,13	5	a
4	4	51	25	16	5	a
4	4	51	25	10-11,13,15	5	a
4	4	51	25	10-11,13,15	5	a
4	4	51	25	6,11,13	5	a
4	4	51	25	4-6,10-16	5	p
4	4	51	25	12	4	a
4	4	51	25	12	4	a
4	4	51	25	14	4	a
4	4	51	25	5,12	4	a
4	4	51	25	14	4	a
4	4	51	25	5,12	4	a
4	4	51	26	1	5	a
4	4	51	26	1,7-8,10,15-16	5	a
4	4	51	26	1,8,16	5	a
4	4	51	26	1,8-9	5	p
4	4	51	36	1,8-9,16	5	a
4	4	51	36	4,6-7,10,13-15	5	a
4	4	51	36	2,4,6-7	5	a
4	4	51	36	1-2,7-10,15-16	5	p
4	4	51	15	5,9-10,15-16	5	a
4	4	51	15	9,15-16	5	p
4	4	51	22	1	5	a
4	4	51	22	1	5	p
4	4	51	23	9,16	5	a
4	4	51	23	4-6,10-12,14-15	5	a
4	4	51	23	4-6,9-12,14-16	5	p
4	4	51	20	10-11,15	5	a
4	4	51	20	10-11,15	5	p
4	4	51	29	1-3,5-7,12-14	5	a
4	4	51	29	1-3,5-7,12-14	5	p

\*a=archaeological; p=palaeontological

HRV of 5 means that Alberta Culture and Tourism (ACT) considers the land to be of high potential to contain an historic resource; an HRV of 4 means that the land contains an historic resource that may require avoidance. (reference: <http://www.culturetourism.alberta.ca/heritage-and-museums/programs-and-services/land-use-planning/docs/listing-instructions-dec-2016.pdf>)

**Table 2:** Legal description of lands within Ribbon of Green Study Area 2 (NE) and associated Historic Resources Values (HRV).

Lands within Study Area 2						
Legal Description					HRV	Category*
MER	RGE	TWP	SEC	LSD		
4	23	53	15	13	5	a
4	23	53	16	15-16	5	a
4	23	53	17	4-5,12-13	5	a
4	23	53	17	4-5,12-13	5	p
4	23	54	3	4-5	5	a
4	23	53	18	1-2,8	5	a
4	23	54	4	3,6-8	5	a
4	23	54	4	1-2	4	a
4	23	54	14	9-11,13-16	5	a
4	23	53	18	1-2,8	5	p
4	23	53	19	1,3,6-8	5	a
4	23	53	19	2,9,16	5	a
4	23	53	19	1,3,6-8	5	a
4	23	53	19	1-5,8-9,16	5	p
4	23	53	20	4-5	5	a
4	23	53	20	4-5	5	p
4	23	53	21	2,7-8	5	a
4	23	53	21	1	4	a
4	23	53	22	4-5	5	a
4	23	53	27	2-10,16	5	a
4	23	53	27	2-10,16	5	p
4	23	53	28	6-8,11-12	5	a
4	23	53	28	6-8,11-12	5	p
4	23	53	29	4-6,9-12	5	a
4	23	53	29	4-6,9-12	5	p
4	23	53	33	14-16	5	a
4	23	53	34	13	5	a
4	23	53	15	13	5	a
4	23	53	16	15-16	5	a
4	23	53	17	4-5,12-13	5	a
4	23	53	17	4-5,12-13	5	p
4	23	54	3	4-5	5	a
4	23	53	18	1-2,8	5	a
4	23	54	4	3,6-8	5	a

HRV of 5 means that Alberta Culture and Tourism (ACT) considers the land to be of high potential to contain an historic resource; an HRV of 4 means that the land contains an historic resource that may require avoidance. (reference: <http://www.culturetourism.alberta.ca/heritage-and-museums/programs-and-services/land-use-planning/docs/listing-instructions-dec-2016.pdf>)

<b>Lands within Study Area 2</b>						
<i>Legal Description</i>					<i>HRV</i>	<i>Category*</i>
<b>MER</b>	<b>RGE</b>	<b>TWP</b>	<b>SEC</b>	<b>LSD</b>		
4	23	54	4	1-2	4	a
4	23	54	14	9-11,13-16	5	a
4	23	53	18	1-2,8	5	p
4	23	53	19	1,3,6-8	5	a
4	23	53	19	2,9,16	5	a
4	23	53	19	1,3,6-8	5	a
4	23	53	19	1-5,8-9,16	5	p
4	23	53	20	4-5	5	a
4	23	53	20	4-5	5	p
4	23	53	21	2,7-8	5	a
4	23	53	21	1	4	a
4	23	53	22	4-5	5	a
4	23	53	27	2-10,16	5	a
4	23	53	27	2-10,16	5	p
4	23	53	28	6-8,11-12	5	a
4	23	53	28	6-8,11-12	5	p
4	23	53	29	4-6,9-12	5	a
4	23	53	29	4-6,9-12	5	p
4	23	53	33	14-16	5	a
4	23	53	34	13	5	a

\*a=archaeological; p=palaeontological

*HRV of 5 means that Alberta Culture and Tourism (ACT) considers the land to be of high potential to contain an historic resource; an HRV of 4 means that the land contains an historic resource that may require avoidance. (reference: <http://www.culturetourism.alberta.ca/heritage-and-museums/programs-and-services/land-use-planning/docs/listing-instructions-dec-2016.pdf>)*



# METHODS

Western Heritage undertook the desktop assessment of historical resources by first assembling all available existing sources deemed to be most informative to meet project objectives. These included site search information from the Province of Alberta's historic resources databases (e.g. the Listing of Historic Resources, Provincial Historical Resources Inventory forms), previously published maps (e.g. Fenton et al. 2013), previously published histories, photographs, archival materials, Google Earth ©2017 satellite imagery, and LiDAR. For the second stage of the assessment, we adopted a three-pronged approach, which aided efficient assessment and evaluation of the known and unknown archaeological sites, and the known historical sites within the ROG footprint and 100 m buffer, as described in the sections below.

These analyses were undertaken for the purposes of: (1) providing an up-to-date inventory of known and unknown archaeological and historical resources within the project footprint and adjacent 100 m buffer; (2) making recommendations for management of the inventoried known and unknown archaeological and historical resources for planning purposes. These recommendations included: (1) any further work to be conducted; (2) whether the resource should be preserved, conserved, or designated as suitable for active/working landscapes, as per the Land Management Planning Unit designations from the previous Ribbon of Green Master Plan (1992) and (3) determining appropriate levels of future disturbance or developmental impacts on the resource, if any.

The resulting data tables for the known archaeological and historical resources were then submitted to Ms. Caroline Hudecek-Cuffe of the Archaeological Survey and Mr. Aaron Wilson of the Aboriginal Heritage Section, both of Alberta Culture and Tourism (ACT), for review. Upon approval by ACT, the results were incorporated into the shapefiles and geodatabases that comprise the primary results of our assessment.

## Methods: Known Archaeological Resources

Site data for known archaeological resources were obtained primarily from the results of the site search conducted on behalf of Western Heritage (WH) by Mr. Jeff Werner.

Site points within the ROG footprint were generalized to an area to preserve confidentiality. The City has a data set with 100 m buffers around sites to mitigate any possible errors in locational information due to GPS inaccuracies or records that were created prior to the routine use of GPS in archaeology. These data were plotted using GIS (geographic information systems) shape files, which were later incorporated along with the results of the desktop assessment into a geodatabase format.

**Table 3:** Summary of attributes documented for known archaeological sites.

Information from ACT	Information from ACT	WH's analysis
Number within Borden block	Site type according to ACT Conventions	WH's recommendations about the sites with respect to ROG project (No Concerns, Further Study, or Avoidance)
Historical Resources Value (HRV)	Site Environment (limited to the ACT's shapefile attribute field length)	Notes explaining WH's recommendations
Research Permit number	Site description as summarized from ACT site form information	Recommended Policy direction pertinent to O2's objectives (Preservation, Conservation, or Active/working landscapes)
Name of the site (not always assigned)	Regulatory requirements for the sites, interpreted from Historic Resource Value (HRV)	Explanation of recommended by WH policy directions
Legal Description	Explanation of the regulatory requirements as interpreted from HRV	WH's judgment about acceptable level of impact in the site areas (None, Low, Moderate, or High)
Site class according to ACT Conventions		Notes about level of acceptable impact

## Methods: Unknown Archaeological Resources

The possibility for the presence of unknown archaeological resources within the ROG footprint and adjacent buffer was assessed based primarily on the archaeological potential of landforms. Archaeological potential was evaluated using judgmental criteria such as distinctiveness of the landform (i.e. poorly versus well-defined margins), as well as additional previously recorded data, such as the presence of known archaeological sites in the area, whether ACT had designated the lands as within their Significant Sites Listing (SSL), and any previous disturbance (e.g. cultivation, industrial activity). These evaluations were incorporated into shapefile data sets that were created for the entire area of the footprint and buffer zone, and were later incorporated along with the results of the desktop assessment into a geodatabase format. Table 4 provides a summary of the attributes that were assessed (along with those listed in 3.0, above) and documented for the areas containing possible unknown archaeological sites.

**Table 4:** Summary of attributes documented for areas containing possible unknown archaeological sites.

Zone attributes	WH's analysis
Zone ID	WH's evaluation of the area's potential to contain any unrecorded/undiscovered historical resources
Study Area within Ribbon of Green Footprint	WH's evaluation of interpretive value of any undiscovered historic resources potentially present in the area
Association of the area with ACT's defined Significant Site Listing designations	Notes explaining WH's evaluation of interpretive value of undiscovered historic resources potentially present in the area
Previously recorded historical resources in the area	WH's judgment about acceptable level of impact in the areas
Number of identified historical resource within the Borden block	Notes about level of acceptable impact
Previous disturbances observed in the area	

## Methods: Historic Sites

Many of the known historic sites within the ROG footprint and buffer have not been previously recorded in the Province's Historical Resources Inventory. A review of the City of Edmonton's Inventory of Historic Resources listed two sites (Ashby Farms, and Wallbridge and Imrie Residence) that were contained within the ROG footprint. The assessment of known historic sites therefore is based on research conducted using a variety of other sources, including those listed in 3.0, above. Additional sources consulted for this project included local historic maps obtained from the Provincial Archives and local history books, online resources, and Historic Resources Impact Assessment reports, where applicable. These are noted in the 'sources' column for each site, as relevant (see Table 5).

The assessment initially included sites that were within about 1 kilometre (km) of the ROG boundary, as well as related sites thought to be located further away, so that a more complete account of historic land use around and beyond the North Saskatchewan River and Whitemud and Blackmud creeks could be obtained. Also considered in this analysis were historical connections of the study area with Fort Saskatchewan. This wider scope is appropriate for historic sites, because they exist in living or recently recorded memory, and can in some cases be definitively tied to sites that are physically within the ROG footprint. Archaeological sites may also be connected across the landscape, but it is often more difficult to do so, unless confirmed using additional sources, such as First Nations oral histories and place names, or accounts of early explorers.

Not all historic sites within or related to the ROG footprint and buffer are listed, as many appear to have been destroyed and are considered to be of low interpretive value. The sites that are included in the analysis are those that are more closely related to the physical ROG

footprint and buffer, and are considered to have increased interpretive potential. For example, significant national or provincial historical sites, sites relevant to Edmonton's history, unusual events, unique people, structures, and land use. Also considered were sites that were not necessarily unique or significant by themselves, but representative of local economic, settlement, political, administrative, and/or social history.

Site integrity was estimated only using the existing consulted sources, Google Earth ©2017 satellite imagery and LiDAR (where necessary), and in many cases, a site visit will be required to confirm whether any physical remains are left within the ROG footprint. Note that because of this uncertainty, the recommended policy direction and level of acceptable future impact on the sites is an estimate only, and to that end, errs on the side of caution. These estimates can be updated upon the results of site visits and/or further research, as noted in the Results tables. That said, historic sites were included in our analysis, even when there may not be any physical remains left, because these sites can be tied to living or recorded memory, and have interpretive value.

**Table 5:** *Summary of attributes documented for known historic sites.*

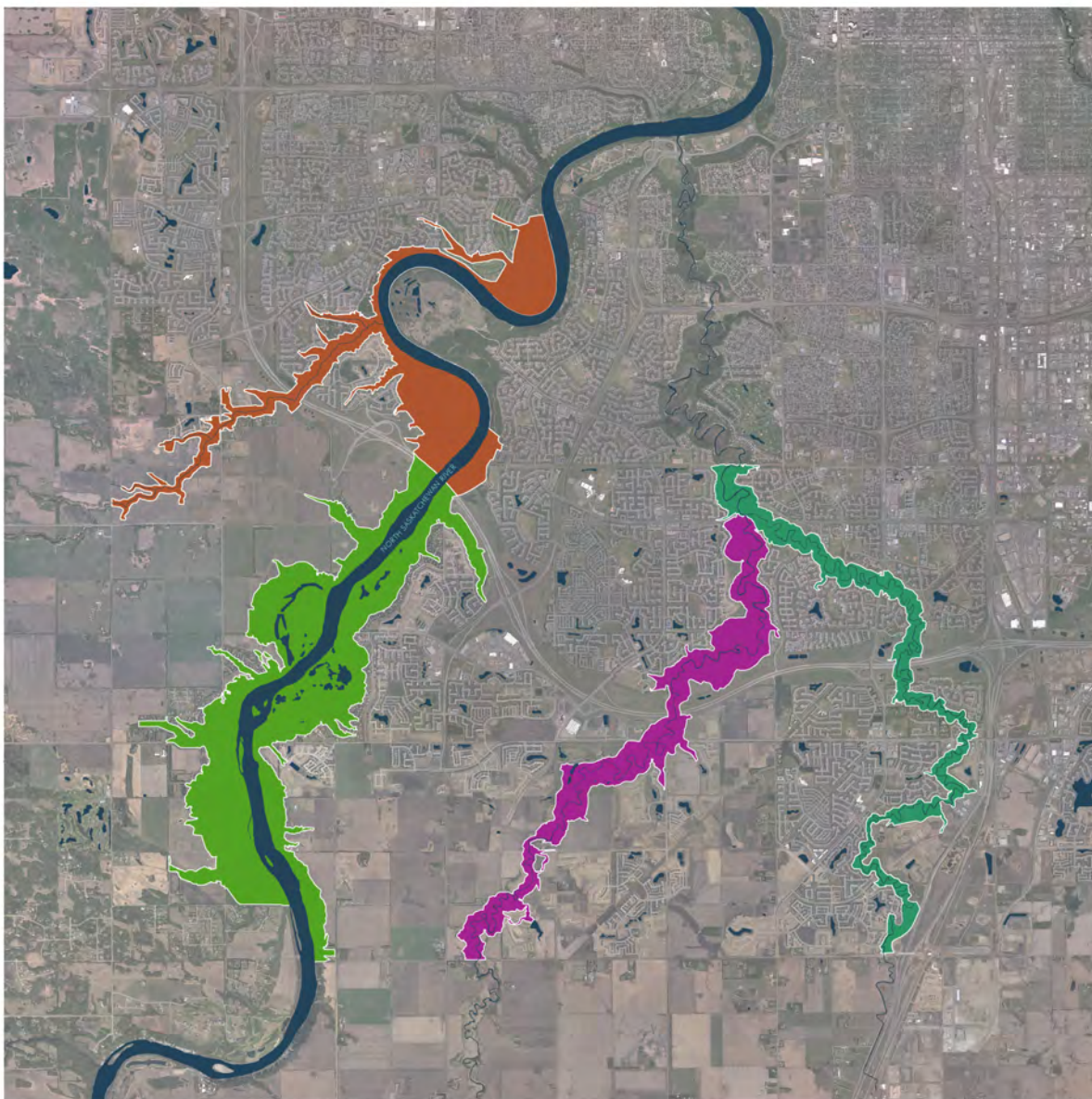
Site attributes as summarized from consulted sources	WH's analysis
Site name (names are not always assigned)	Interpretive potential (High, Moderate, Low)
Legal description	Notes on interpretive potential
Address or location description	WH's recommendations about the sites with respect to ROG project (No Concerns, Further Study, or Avoidance)
Brief summary of information about the site	Notes explaining WH's recommendations
Site themes (for interpretive purposes)	Recommended policy direction pertinent to O2's objectives (Preservation, Conservation, or Active/working landscapes)
Primary period(s) in use	WH's explanation of recommendation on policy direction
Existing remains	WH's judgment about acceptable level of impact in the site areas (None, Low, Moderate, or High)
	Notes about level of acceptable impact
	WH's suggested possible interpretation medium
	List of Sources Consulted

# RESULTS

The complete results of our analyses are presented in the geodatabases that accompany this report. Below is a summary of the key findings of the desktop assessment of known and unknown archaeological resources, followed by a narrative summary of historic sites within the two ROG study areas.

## SW - Archaeological Resource Areas

- SW - River North
- SW - River South
- SW - Whitemud
- SW - Blackmud



**Figure 2:** Key map to locate SW Archaeological Resources (Known and Unknown)

## SW - Known Archaeological Resources

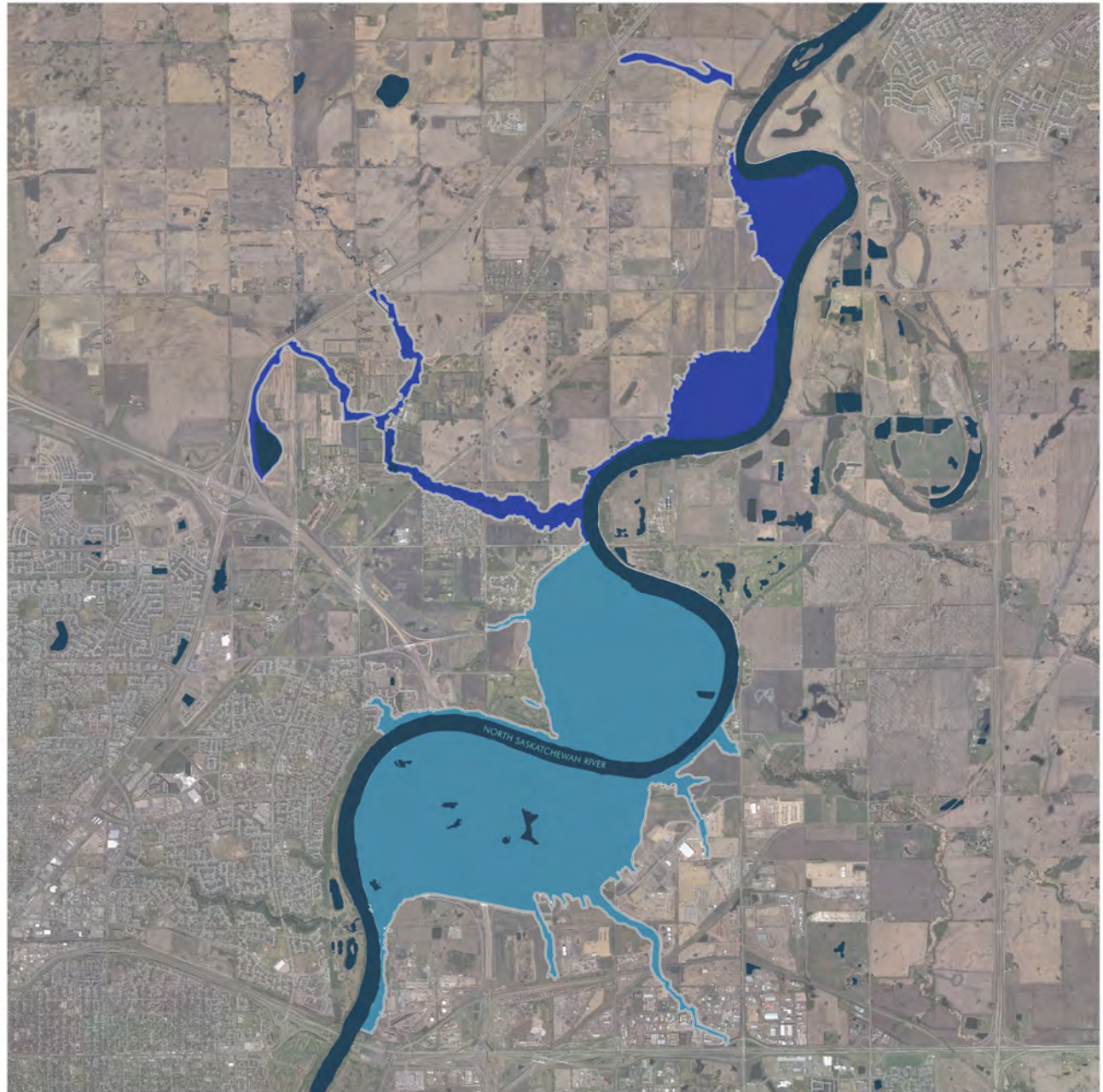
SECTOR	ACCEPTABLE LEVEL OF IMPACT	AMOUNT OF SITES
SW - River N	High	16
SW - River N	Moderate to High	1
SW - River N	Low to Moderate	2
SW - River N	None	1
SW - River S	High	11
SW - River S	None to Low	2
SW - Blackmud	High	19
SW - Whitemud	High	11
SW - Whitemud	None to Low	5

## SW - Unknown Archaeological Resources

SECTOR	ACCEPTABLE LEVEL OF IMPACT	AREA (m <sup>2</sup> )
SW - River N	High	1,151,221 m <sup>2</sup>
SW - River N	Low	1,672,510 m <sup>2</sup>
SW - River S	High	2,599,762 m <sup>2</sup>
SW - River S	Moderate	34,732 m <sup>2</sup>
SW - River S	Low	2,249,901 m <sup>2</sup>
SW - Blackmud	High	6,810 m <sup>2</sup>
SW - Blackmud	Moderate	480,211 m <sup>2</sup>
SW - Blackmud	Low	1,107,243 m <sup>2</sup>
SW - Whitemud	High	1,578,375 m <sup>2</sup>
SW - Whitemud	Moderate	151,885 m <sup>2</sup>
SW - Whitemud	Low	689,642 m <sup>2</sup>

## NE - Archaeological Resource Areas

- NE - North
- NE - South



**Figure 3:** Key map to locate NE Archaeological Resources (Known and Unknown)

## NE - Known Archaeological Resources

SECTOR	ACCEPTABLE LEVEL OF IMPACT	AMOUNT OF SITES
NE - North	High	5
NE - North	None to Low	1
NE - North	Unknown	1
NE - South	High	22
NE - South	Low to Moderate	1
NE - South	None to Low	2

## NE - Unknown Archaeological Resources

SECTOR	ACCEPTABLE LEVEL OF IMPACT	AREA (m <sup>2</sup> )
NE - North	High	212,723 m <sup>2</sup>
NE - North	Moderate	485,561 m <sup>2</sup>
NE - North	Low	2,458,515 m <sup>2</sup>
NE - South	High	1,060,2791 m <sup>2</sup>
NE - South	Low	1,447,407 m <sup>2</sup>



## Results: Known Archaeological Resources

There are 101 known archaeological resources present within the ROG study areas that are discussed in this report. Of these, 86 are sites with an Historic Resource Value (HRV) of 0, and ACT does not require further work on these sites. Sixteen are sites with an HRV of 4, which carries the regulatory requirement that further studies must be conducted unless the resource can be avoided. Tables 6, 7 and 8, below, present a summary of the results of our analyses of known archaeological resources within the ROG footprint. Table A2, Appendix A, presents the confidential information related to these known resources. This information is also summarized in the Archaeological Resources geodatabase that accompanies this report.

Eighty-two of the known archaeological resources are classified as “prehistoric” (according to ACT’s classification). These include 24 campsites; 15 are isolated finds that were predominantly recovered from disturbed contexts, 2 are bison killsites, 35 are scatters of various sizes, and 6 are scatters and/or campsites or workshops. Diagnostic artifact recoveries suggest that people first began occupying the Edmonton area in the Early Period (see 2.1, above).

Fifteen of the known archaeological resources are historic-era sites, and include the remains of coal mines, homesteads, farms, various foundations of industrial sites, and artifact scatters that consist of debris of Euro-Canadian artifacts, such as metal, glass, ceramics, and faunal material. Four of the known resources include both prehistoric and historic (n=3) or prehistoric and contemporary (n=1) components.

In our review of the known archaeological resources within the ROG, we generally recommended no further work if the resource was assigned an HRV of 0, appeared to have been heavily impacted by previous development or disturbance, and had been relatively thoroughly investigated in the past (n=83). In these cases, we also recommended that the area could be extensively used, and could withstand a high level of developmental impact. However, for 11 of these, we also recommended that an archaeologist be present to monitor construction or installation of any future developments, as there is a possibility that intact archaeological resources may be encountered.

Avoidance or further studies prior to any developmental impacts was recommended for 18 archaeological resources, most of which had an HRV of 4, which carry the regulatory requirement for further work. However, in four instances, we recommended avoidance or further studies for HRV 0 sites, as we considered there to be insufficient information about these sites to justify active/working landscapes and high developmental impacts.

In summary, we recommended that 3 archaeological resources within the two ROG study areas be conserved and undergo low to moderate impacts, 73 could incorporate active/working landscapes with high impacts, 11 incorporate active/working landscapes with monitoring, 12 resources should be preserved with no impacts or very limited impacts, and 2 be preserved or undergo further studies, as not enough information is available to determine the appropriate management strategies and levels of impact for these resources.

**Table 6: Known Archaeological Resources**

Sector	Number within Borden block	Names of the site (not always assigned)	Site class according to ACT Conventions	Site type according to ACT Conventions	Regulatory requirements for the sites, interpreted from HRV	Explanation of the regulatory requirements as interpreted from HRV	WH's recommendations about the site with respect to RofG project	Notes explaining WH's recommendations	Recommended Policy direction pertinent to ROG objectives	Explanation of recommended by WH policy directions	WH's judgment about acceptable level of impact in the site areas	Notes about level of acceptable impact
NE North	FjPh-135		prehistoric	isolated find	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited interpretive potential and found in disturbed context	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
NE North	FjPh-136		prehistoric	scatter <10, campsite	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited interpretive potential and found in disturbed context	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
NE North	FjPh-59		prehistoric	scatter <10, campsite	Avoidance	Additional studies required if avoidance is not possible	Avoidance or Further Studies	Additional studies required if avoidance is not possible, as a variety of archaeological materials are most likely still present in undisturbed context	Preservation	The site should be protected and preserved	None to Low	No impact or very limited impact should be planned for the site area
NE North	FjPh-60		prehistoric	scatter	No Concerns	No further work required	Further Studies	Because only visual surface inspections were conducted at the site, a full archaeological assessment including subsurface inspection is recommended to assess the site's nature, extent, and value.	Preservation or Further Studies	Not enough information is available about this site to recommend an appropriate policy direction. In this case, protection is the best option until more information is available	Unknown	Level of tolerable impact is to be determined during the proper site assessment
NE North	FjPh-61		historic	historic feature	No Concerns	No further work required	No Concerns	No further work recommended as the site is of low interpretive potential	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
NE North	FjPi-147		prehistoric	isolated find	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited archaeological interpretive potential and it was inadvertently affected by the ring road construction	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
NE North	FjPi-159		prehistoric	scatter <10	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited archaeological interpretive potential and it was inadvertently affected by the ring road construction	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
NE South	FjPh-103		prehistoric	scatter	No Concerns	No further work required	No Concerns	No further work recommended as the site was obliterated by subsequent industrial development	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
NE South	FjPh-104		prehistoric	campsite	Avoidance	Additional studies required if avoidance is not possible	Avoidance or Further Studies	Additional studies required if avoidance is not possible	Preservation	The site should be protected and preserved	None to Low	No impact or very limited impact should be planned for the site area
NE South	FjPh-105		prehistoric	scatter	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited interpretive potential and in disturbed context	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
NE South	FjPh-106		prehistoric	isolated find	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited interpretive potential and in disturbed context	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area

Sector	Number within Borden block	Names of the site (not always assigned)	Site class according to ACT Conventions	Site type according to ACT Conventions	Regulatory requirements for the sites, interpreted from HRV	Explanation of the regulatory requirements as interpreted from HRV	WH's recommendations about the site with respect to RofG project	Notes explaining WH's recommendations	Recommended Policy direction pertinent to ROG objectives	Explanation of recommended by WH policy directions	WH's judgment about acceptable level of impact in the site areas	Notes about level of acceptable impact
NE South	FjPh-107		prehistoric	campsite	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited interpretive potential and in disturbed context	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
NE South	FjPh-125		prehistoric	campsite	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited interpretive potential and most likely affected by pipeline construction	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
NE South	FjPh-38		prehistoric	scatter	No Concerns	No further work required	No Concerns	No further work recommended as the site was obliterated by subsequent industrial development	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
NE South	FjPh-39		prehistoric	scatter, campsite	No Concerns	No further work required	No Concerns	No further work recommended as the site was obliterated by subsequent industrial development	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
NE South	FjPh-40			isolated find	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited archaeological interpretive potential and was affected by subsequent industrial development	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
NE South	FjPh-45		prehistoric	scatter	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited archaeological interpretive potential and was affected by subsequent developments	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
NE South	FjPh-59		prehistoric	scatter <10, campsite	Avoidance	Additional studies required if avoidance is not possible	Avoidance or Further Studies	Additional studies required if avoidance is not possible, as a variety of archaeological materials are most likely still present in undisturbed context	Preservation	The site should be protected and preserved	None to Low	No impact or very limited impact should be planned for the site area
NE South	FjPh-62		prehistoric	campsite	No Concerns	No further work required	No Concerns	No further work recommended as the site is of low interpretive potential and was heavily disturbed by cultivation and pipeline construction	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
NE South	FjPh-63		prehistoric	campsite	No Concerns	No further work required	No Concerns	No further work recommended as the site is of low interpretive potential and was heavily disturbed by cultivation and pipeline construction	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
NE South	FjPh-68		prehistoric	scatter >10, campsite	No Concerns	No further work required	No Concerns	No further work recommended as the site was affected by the pipeline and junk yard construction	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
NE South	FjPh-79		prehistoric	isolated find	No Concerns	No further work required	No Concerns	No further work recommended as the site is of low interpretive potential and was heavily disturbed by cultivation and pipeline construction	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area

Sector	Number within Borden block	Names of the site (not always assigned)	Site class according to ACT Conventions	Site type according to ACT Conventions	Regulatory requirements for the sites, interpreted from HRV	Explanation of the regulatory requirements as interpreted from HRV	WH's recommendations about the site with respect to RofG project	Notes explaining WH's recommendations	Recommended Policy direction pertinent to ROG objectives	Explanation of recommended by WH policy directions	WH's judgment about acceptable level of impact in the site areas	Notes about level of acceptable impact
NE South	FjPh-97		prehistoric	campsite	No Concerns	No further work required	No Concerns	No further work recommended as the site is of low archaeological interpretive potential	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
NE South	FjPi-101		prehistoric	campsite	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited archaeological interpretive potential	Active / Working Landscapes with Monitoring	Active / Working Landscapes with monitoring is recommended as there is a chance of presence of cultural materials in disturbed context	High	Any level of impact could be recommended for the site area
NE South	FjPi-102		historic	industrial	No Concerns	No further work required	No Concerns	No further work recommended as the site was found to be of no significance	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
NE South	FjPi-103		historic	industrial	No Concerns	No further work required	No Concerns	No further work recommended as the site was found to be of no significance	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
NE South	FjPi-137		prehistoric	campsite	No Concerns	No further work required	No Concerns	No further work recommended as the site was affected by the pipeline and road construction	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
NE South	FjPi-139		historic	historic feature	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited interpretive potential	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
NE South	FjPi-165		prehistoric; historic	scatter >10	No Concerns	No further work required	Avoidance or Further Studies	Additional information is necessary to determine the extent, nature, and value of the site	Conservation	Even though no regulatory requirements are associated with the site, it is recommended that further studies confirm the nature and extent of the site	Low to Moderate	Impact should not extend pass the plough zone (pending the results of Further Studies) as intact subsurface historical resources may be present at the site
NE South	FjPi-91		prehistoric	campsite	No Concerns	No further work required	No Concerns	The site area was impacted in the past by various activities and was not relocated during the subsequent surveys	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
NE South	FjPi-92		prehistoric	campsite	No Concerns	No further work required	No Concerns	The site area was impacted in the past by various activities and was not relocated during the subsequent surveys	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area

Sector	Number within Borden block	Names of the site (not always assigned)	Site class according to ACT Conventions	Site type according to ACT Conventions	Regulatory requirements for the sites, interpreted from HRV	Explanation of the regulatory requirements as interpreted from HRV	WH's recommendations about the site with respect to RofG project	Notes explaining WH's recommendations	Recommended Policy direction pertinent to ROG objectives	Explanation of recommended by WH policy directions	WH's judgment about acceptable level of impact in the site areas	Notes about level of acceptable impact
NE South	FjPi-93		prehistoric	campsite	No Concerns	No further work required	No Concerns	The site area was impacted in the past by various activities and was not relocated during subsequent surveys	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW Blackmud	FiPi-112		prehistoric	isolated find	No Concerns	No further work required	No Concerns	No further work required due to disturbed nature of the site and low abundance of finds	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW Blackmud	FiPi-32		prehistoric	scatter >10	No Concerns	No further work required	No Concerns	No further work required due to disturbed nature of the site and low abundance of finds	Active / Working Landscapes with Monitoring	Active / Working Landscapes with monitoring during construction/development is recommended as there is a chance of the presence of cultural materials in both disturbed and intact context	High	Any level of impact could be recommended for the site area
SW Blackmud	FiPi-35		prehistoric	campsite	No Concerns	No further work required	No Concerns	No further work required due to disturbed nature of the site and low abundance of finds	Active / Working Landscapes with Monitoring	Active / Working Landscapes with monitoring during construction/development is recommended as there is a chance of presence of cultural materials in both disturbed and intact context	High	Any level of impact could be recommended for the site area
SW Blackmud	FiPi-37		prehistoric	scatter	No Concerns	No further work required	No Concerns	No further work required due to disturbed nature of the site and low abundance of finds	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW Blackmud	FiPj-106		prehistoric	isolated find	No Concerns	No further work required	No Concerns	No further work required due to disturbed nature of the site and low abundance of finds, and disturbance from road and power line construction	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW Blackmud	FiPj-127		prehistoric	scatter <10	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited archaeological interpretive potential	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW Blackmud	FiPj-140		prehistoric	scatter <10	No Concerns	No further work required	No Concerns	No further work required, as the site was affected by residential development	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW Blackmud	FiPj-164		historic	scatter <10, farm	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited interpretive potential	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW Blackmud	FiPj-165		historic	dwelling	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited interpretive potential	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	high impact activities can be performed as no intact cultural materials are observed

Sector	Number within Borden block	Names of the site (not always assigned)	Site class according to ACT Conventions	Site type according to ACT Conventions	Regulatory requirements for the sites, interpreted from HRV	Explanation of the regulatory requirements as interpreted from HRV	WH's recommendations about the site with respect to RofG project	Notes explaining WH's recommendations	Recommended Policy direction pertinent to ROG objectives	Explanation of recommended by WH policy directions	WH's judgment about acceptable level of impact in the site areas	Notes about level of acceptable impact
SW Blackmud	FiPj-56		prehistoric	campsite	No Concerns	No further work required	No Concerns	No further work required, as the site was affected by residential development	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW Blackmud	FiPj-59		prehistoric	campsite	No Concerns	No further work required	No Concerns	No further work required, as the site was affected by residential development	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW Blackmud	FiPj-61		prehistoric	campsite	No Concerns	No further work required	No Concerns	No further work required, as the site was affected by residential development	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW Blackmud	FiPj-62	Kiskitayo Reservoir	prehistoric	campsite	No Concerns	No further work required	No Concerns	No further work required, as the site was affected by residential development	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW Blackmud	FiPj-64		prehistoric	scatter (lithic)	No Concerns	No further work required	No Concerns	No further work required, as the site was affected by residential development	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW Blackmud	FiPj-65		prehistoric	killsite	No Concerns	No further work required	No Concerns	No further work required, as it is indicated that the site was destroyed by residential subdivision construction (?)	Active / Working Landscapes with Monitoring	Active / Working Landscapes with monitoring during construction/development is recommended, as there is a chance of presence of cultural materials in both intact and disturbed context	High	Any level of impact could be recommended for the site area
SW Blackmud	FiPj-72		prehistoric	isolated find	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited archaeological interpretive potential	Active / Working Landscapes with Monitoring	Active / Working Landscapes with monitoring during construction/development is recommended, as there is a chance of presence of cultural materials in both intact and disturbed context	High	Any level of impact could be recommended for the site area
SW Blackmud	FiPj-89		prehistoric	isolated find	No Concerns	No further work required	No Concerns	No further work required as no more cultural materials were recovered and it is suspected to be disturbed, however not confirmed	Active / Working Landscapes with Monitoring	Active / Working Landscapes with monitoring is recommended as there is a chance of presence of cultural materials in both intact and disturbed context, as according to satellite imagery the area is not extensively disturbed and appears heavily wooded	High	Any level of impact could be recommended for the site area
SW Blackmud	FiPj-90		prehistoric	scatter (lithic)	No Concerns	No further work required	No Concerns	No further work required, as the site was affected by road construction	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW Blackmud	FiPj-91		prehistoric	isolated find	No Concerns	No further work required	No Concerns	No further work required as the site was affected by subsequent residential development	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended

Sector	Number within Borden block	Names of the site (not always assigned)	Site class according to ACT Conventions	Site type according to ACT Conventions	Regulatory requirements for the sites, interpreted from HRV	Explanation of the regulatory requirements as interpreted from HRV	WH's recommendations about the site with respect to RofG project	Notes explaining WH's recommendations	Recommended Policy direction pertinent to ROG objectives	Explanation of recommended by WH policy directions	WH's judgment about acceptable level of impact in the site areas	Notes about level of acceptable impact
												for the site area
SW River North	FiPj-123		prehistoric	campsite	Avoidance	Additional studies required if avoidance is not possible	Avoidance or Further Studies	Additional studies required if avoidance is not possible	Conservation	The site area should be conserved	Low to Moderate	Low to Moderate impact could be planned for the site area, upper cultural component of the site is likely disturbed by agriculture thus may endure some low to moderate impact
SW River North	FiPj-124		prehistoric	campsite	Avoidance	Additional studies required if avoidance is not possible	Avoidance or Further Studies	Additional studies required if avoidance is not possible	Preservation	The site area should be protected and preserved, a highly valuable resource with high interpretive potential	None	No Impact should be planned for the site area
SW River North	FiPj-125		prehistoric	killsite	Avoidance	Additional studies required if avoidance is not possible	Avoidance or Further Studies	Additional studies required if avoidance is not possible	Preservation	The site area should be protected and preserved	None to Low	No impact or very limited impact should be planned for the site area
SW River North	FiPj-126		prehistoric	scatter >10, workshop	No Concerns	No further work required as no diagnostics were recovered	No Concerns	After mitigative excavations in 2003 the site was written off and most likely is affected by the following residential development	Active / Working Landscapes and Monitoring	Active / Working Landscapes with monitoring is recommended as there is a chance of presence of cultural materials in disturbed context	Moderate to high	Moderate to High level of impact could be recommended for the site area
SW River North	FiPj-141		prehistoric	scatter <10	No Concerns	No further work required	Avoidance and Further Studies	Even though regulator does not require any further work, we recommend proper shovel testing to be performed at the site area to confirm regulatory requirements, as not enough information is available about the site	Preservation or Further Studies	More information has to be obtained about the site through subsurface inspection	None to Low	No impact or very limited impact should be planned for the site area
SW River North	FiPj-149		prehistoric; contemporary	scatter >10	No Concerns	No further work required	No Concerns	No further work required due to low interpretive potential	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW River North	FiPj-163		prehistoric	isolated find	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited archaeological interpretive potential	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW River North	FiPj-169		prehistoric	campsite	Avoidance	Additional studies required if avoidance is not possible	Avoidance or Further Studies	Additional studies required if avoidance is not possible	Preservation	The site area should be protected and preserved	None to Low	No impact or very limited impact should be planned for the site area

Sector	Number within Borden block	Names of the site (not always assigned)	Site class according to ACT Conventions	Site type according to ACT Conventions	Regulatory requirements for the sites, interpreted from HRV	Explanation of the regulatory requirements as interpreted from HRV	WH's recommendations about the site with respect to RofG project	Notes explaining WH's recommendations	Recommended Policy direction pertinent to ROG objectives	Explanation of recommended by WH policy directions	WH's judgment about acceptable level of impact in the site areas	Notes about level of acceptable impact
SW River North	FiPj-170		historic	historic feature	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited interpretive potential	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW River North	FiPj-172		prehistoric	scatter <10	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited interpretive potential	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW River North	FiPj-173		prehistoric	scatter <10	No Concerns	No further work required	No Concerns	No further work required, due to considerable level of disturbance and low yield of archaeological materials	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW River North	FiPj-174			campsite	Avoidance	Additional studies required if avoidance is not possible	Avoidance or Further Studies	Even though the artifacts were found in disturbed context, more artifacts are expected to be buried (possibly deeply) across the site area. However, it has be confirmed by additional studies if any impact is proposed to the site area	Conservation	The site area should be conserved	Low to Moderate	Low to moderate impact could be considered if the resulting disturbance will not extend beyond previous disturbances caused by agricultural activities.
SW River North	FiPj-67			isolated find	No Concerns	No further work required	No Concerns	No further work required, as the site was destroyed by residential development	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW River North	FiPj-68		prehistoric	campsite	No Concerns	No further work required	No Concerns	No further work required as the site is affected by Anthony Henday ring road construction	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW River North	FiPj-77		prehistoric	scatter	No Concerns	No further work required	No Concerns	No further work required due to low interpretive potential and residential subdivision construction is in progress in the area	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW River North	FiPj-78		prehistoric	scatter	No Concerns	No further work required	No Concerns	No further work required due to low interpretive potential and residential subdivision construction is in progress in the area	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW River North	FiPj-79		prehistoric	scatter	No Concerns	No further work required	No Concerns	No further work required due to low interpretive potential and residential subdivision construction is in progress in the area	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW River North	FiPj-93		prehistoric	scatter	No Concerns	No further work required	No Concerns	No further work required, as the site was of low interpretive potential and is most likely disturbed by subsequent residential development	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area



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SW River North	FiPj-94		prehistoric	scatter	No Concerns	No further work required	No Concerns	No further work required as the site was disturbed by subsequent residential development	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW River North	FiPj-95		prehistoric	scatter	No Concerns	No further work required	No Concerns	No further work required as the site was disturbed by subsequent residential development	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW River North	FiPj-96		prehistoric	scatter	No Concerns	No further work required	No Concerns	No further work required as the site was disturbed by subsequent residential development	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW River North	FiPk-34			isolated find	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited archaeological interpretive potential	Active / Working Landscapes with Monitoring	Active / Working Landscapes with monitoring during construction/development is recommended as there is a chance of the presence of cultural materials in disturbed context	High	Any level of impact could be recommended for the site area
SW River North	FiPk-38		prehistoric	scatter (lithic)	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited archaeological interpretive potential	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW River South	FiPj-119		prehistoric	scatter <10	No Concerns	No further work required	No Concerns	No further work required due to disturbed nature of the site and lack of diagnostic materials	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW River South	FiPj-151		prehistoric	isolated find	No Concerns	No further work required	No Concerns	No further work required due to low interpretive potential	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW River South	FiPj-152		prehistoric	collection, scatter >10	No Concerns	No further work required	Avoidance or Further Studies	Even though regulator does not require any further work, we recommend an HRIA to be conducted in order to locate the site and determine if any intact archaeological deposits are present within the ravine	Active / Working Landscapes with Monitoring	Active / Working Landscapes with monitoring is recommended as there is a chance of the presence of cultural materials in both intact and disturbed contexts	High	Any level of impact could be recommended for the site area
SW River South	FiPj-160		prehistoric	scatter <10	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited archaeological interpretive potential	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW River South	FiPj-161		prehistoric	scatter <10	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited archaeological interpretive potential	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area

Sector	Number within Borden block	Names of the site (not always assigned)	Site class according to ACT Conventions	Site type according to ACT Conventions	Regulatory requirements for the sites, interpreted from HRV	Explanation of the regulatory requirements as interpreted from HRV	WH's recommendations about the site with respect to RofG project	Notes explaining WH's recommendations	Recommended Policy direction pertinent to ROG objectives	Explanation of recommended by WH policy directions	WH's judgment about acceptable level of impact in the site areas	Notes about level of acceptable impact
SW River South	FiPj-166		prehistoric	scatter >10	No Concerns	No further work required	No Concerns	No intact cultural materials were discovered at the site	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	High impact activities can be conducted, as no intact cultural materials were observed
SW River South	FiPj-168		historic	homestead	Avoidance	Additional studies required if avoidance is not possible	Avoidance or Further Studies	Additional studies required if avoidance is not possible	Preservation	The historic resource is of potential interest for public	None to Low	No impact or very limited impact should be planned for the site area
SW River South	FiPj-68		prehistoric	campsite	No Concerns	No further work required	No Concerns	No further work required as the site is affected by Anthony Henday ring road construction	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW River South	FiPj-73		prehistoric	scatter, campsite	No Concerns	No further work required	No Concerns	No further work required as the site is largely disturbed , however some additional archaeological materials might be exposed on the surface	Active / Working Landscapes with Monitoring	Active / Working Landscapes with monitoring is recommended as there is a chance of the presence of cultural materials in disturbed context	High	Any level of impact could be recommended for the site area
SW River South	FiPk-12		prehistoric	scatter	No Concerns	No further work required	No Concerns	No further work required, as the site was affected by residential development	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW River South	FiPk-13			isolated find	No Concerns	No further work required	No Concerns	No further work required, as the site was affected by residential development	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW River South	FiPk-14		prehistoric	campsite	No Concerns	No further work required	No Concerns	No further work required, as the site was affected by residential development	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW River South	FiPk-92		prehistoric	scatter <10	Avoidance	Additional studies required if avoidance is not possible	Avoidance	No impact should be planned for the site area or in its vicinity. Edge and slope stability should not be compromised, because the site is not disturbed and it is located within natural environment.	Preservation	The site should be protected and preserved	None to Low	No impact or very limited impact should be planned for the site area
SW Whitemud	FiPj-118		prehistoric	scatter >10	No Concerns	No further work required	No Concerns	No further work required due to disturbed nature of the site and limited materials recovered	Active / Working Landscapes with Monitoring	Active / Working Landscapes with monitoring during construction/development is recommended, as there is a chance of presence of cultural materials in both intact and disturbed context	High	Any level of impact could be recommended for the site area
SW Whitemud	FiPj-120		prehistoric; historic	scatter >10, campsite	Avoidance	Additional studies required if avoidance is not possible	Avoidance or Further Studies	Additional studies required if avoidance is not possible	Preservation	The site area should be protected and preserved	None to Low	No impact or very limited impact should be planned for the site area

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SW Whitemud	FiPj-129	Bright Star/Bright Service Mine (Mine #. 1559)	historic	mine	Avoidance	Additional studies required if avoidance is not possible	Avoidance or Further Studies	Additional studies required if avoidance is not possible	Preservation	The site area should be protected and preserved, it has large potential for interpretation, and as a point of interest	None to Low	No impact or very limited impact should be planned for the site area; otherwise Further Studies are required
SW Whitemud	FiPj-130	White Mud Coal/Fridel Coal Mine (Mine #. 1022)	historic	mine	Avoidance	Additional studies required if avoidance is not possible	Avoidance or Further Studies	Additional studies required if avoidance is not possible	Preservation	The site area should be protected and preserved, it has large potential for interpretation, and as a point of interest	None to Low	No impact or very limited impact should be planned for the site area; otherwise Further Studies are required
SW Whitemud	FiPj-131	Pickard's Coal (Mine #. 1462)	historic	mine	Avoidance	Additional studies required if avoidance is not possible	Avoidance or Further Studies	Additional studies required if avoidance is not possible	Preservation	The site area should be protected and preserved, it has large potential for interpretation, and as a point of interest	None to Low	No impact or very limited impact should be planned for the site area; otherwise Further Studies are required
SW Whitemud	FiPj-132	White Star Mines (Mine #. 29)	historic	mine	Avoidance	Additional studies required if avoidance is not possible	Avoidance or Further Studies	Additional studies required if avoidance is not possible	Preservation	The site area should be protected and preserved, it has large potential for interpretation, and as a point of interest	None to Low	No impact or very limited impact should be planned for the site area; otherwise Further Studies are required
SW Whitemud	FiPj-136		prehistoric; historic	campsite, farm, mine	No Concerns	No further work required	No Concerns	No further work required, as the site was affected by various activities, agriculture, landscaping, residential development, bike trail and no historic structures are intact or can be preserved.	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW Whitemud	FiPj-139		prehistoric	campsite	No Concerns	No further work required	No Concerns	No further work required, as the site was affected by residential development	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW Whitemud	FiPj-148		prehistoric	scatter <10	No Concerns	No further work required	No Concerns	No further work required due to low interpretive potential	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW Whitemud	FiPj-154		prehistoric	scatter <10	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited archaeological interpretive potential	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW Whitemud	FiPj-156		prehistoric	scatter, campsite	No Concerns	No further work required	No Concerns	No further work recommended due to low interpretive potential of the site and it was inadvertently affected by residential development	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area

Sector	Number within Borden block	Names of the site (not always assigned)	Site class according to ACT Conventions	Site type according to ACT Conventions	Regulatory requirements for the sites, interpreted from HRV	Explanation of the regulatory requirements as interpreted from HRV	WH's recommendations about the site with respect to RofG project	Notes explaining WH's recommendations	Recommended Policy direction pertinent to ROG objectives	Explanation of recommended by WH policy directions	WH's judgment about acceptable level of impact in the site areas	Notes about level of acceptable impact
SW Whitemud	FiPj-158		historic	scatter >10	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited archaeological interpretive potential	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW Whitemud	FiPj-159		historic	scatter >10	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited archaeological interpretive potential	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW Whitemud	FiPj-58		prehistoric	campsite	No Concerns	No further work required	No Concerns	No further work required, as the site was affected by residential development	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW Whitemud	FiPj-71		prehistoric	scatter (lithic)	No Concerns	No further work required	No Concerns	No further work required, as the site was affected by road construction and residential development	Active / Working Landscapes	No specific policy should be applied to this historic resource	High	Any level of impact could be recommended for the site area
SW Whitemud	FiPj-72		prehistoric	isolated find	No Concerns	No further work required	No Concerns	No further work recommended as the site is of limited archaeological interpretive potential	Active / Working Landscapes with Monitoring	Active / Working Landscapes with monitoring during construction/development is recommended, as there is a chance of presence of cultural materials in both intact and disturbed context	High	Any level of impact could be recommended for the site area

## Results: Unknown Archaeological Resources

We defined 160 zones of archaeological potential as a means of estimating the likely presence of unknown archaeological resources within the ROG footprint and buffer. Of these zones, 119 were associated with ACT's SSL listing, and 52 contained previously recorded historic resources. All but six of the defined zones have undergone some disturbance; residential, agricultural, and industrial disturbances are the most commonly encountered within the study area. Tables 9 and 10 present the results of our analysis of unknown archaeological resources and archaeological potential within the ROG study area.

In all, we defined 137 zones of high archaeological potential, with the remaining 23 zones estimated to be of low archaeological and interpretive potential. Of the 137 zones of high archaeological potential, 62 are also considered to be of high interpretive value, 7 of moderate interpretive value, and 68 of low interpretive value. 84 of the high potential zones are within Study Area 1 (the southwestern portion), while 53 are within Study Area 2 (the northeastern portion).

We also determined that, of the 137 zones of high archaeological potential, relatively high-impact activities could be conducted within 71 zones, with minimal likelihood that intact historical resources would be impacted within those zones. All 71 zones of high impact were also considered to be of low interpretive value due to previous disturbance.

Of the remaining 66 zones of high archaeological potential, 8 were determined as zones in which moderate impacts could occur. There were 56 zones of high potential considered to be appropriate for avoidance or low impact developments only, as there is a high chance that any impact could disturb intact archaeological resources.

**Table 7: Unknown Archaeological Resources**

Sector	Zone_ID	Association of the area with ACT's defined Significant Site Listing (SSL) designations	Previously recorded historical resources in the area	Number of identified historical resource within the Borden block	Previous disturbances observed in the area	WH's evaluation of the areas potential to contain any unrecorded/undiscovered historical resources	WH's evaluation of interpretive value of any undiscovered historic resources potentially present in the area	WH's judgment about acceptable level of impact in the areas	Notes about level of acceptable impact
NE North	1	None	No	N/A	Agriculture	Low	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE North	2	None	No	N/A	Agriculture	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE North	3	Yes	No	N/A	Agriculture	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE North	4	Yes	No	N/A	Agriculture	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE North	5	None	No	N/A	Agriculture	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE North	6	Yes	No	N/A	None, Native parkland vegetation	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE North	7	Yes	No	N/A	Agriculture	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE North	8	None	No	N/A	Residential	Low	Low	High	Any level of impact might proceed with minimal chances of impacting intact historic resources due to previous disturbances
NE North	9	Yes	No	N/A	Agriculture	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE North	10	None	No	N/A	Agriculture	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE North	11	None	Yes	FjPh-60	Agriculture	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE North	13	Yes	No	N/A	Agriculture	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE North	16	Yes	Yes	FjPh-135, FjPh-136	Agriculture	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE North	17	Yes	No	N/A	Agriculture	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE North	18	None	No	N/A	Residential, Agricultural	Low	Low	High	Any level of impact might proceed with minimal chances of impacting intact historic resources due to previous disturbances
NE North	19	None	No	N/A	Agriculture	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE North	20	None	No	N/A	Agriculture	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE North	21	None	No	N/A	Agriculture	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE North	22	None	Yes	FjPi-147, FjPi-159	Agriculture, Road, Power Lines	High	Moderate	Moderate	There is a moderate chance that any impacts might affect undiscovered historic resources
NE North	23	None	No	N/A	Agriculture	Low	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources

Sector	Zone_ID	Association of the area with ACT's defined Significant Site Listing (SSL) designations	Previously recorded historical resources in the area	Number of identified historical resource within the Borden block	Previous disturbances observed in the area	WH's evaluation of the areas potential to contain any unrecorded/undiscovered historical resources	WH's evaluation of interpretive value of any undiscovered historic resources potentially present in the area	WH's judgment about acceptable level of impact in the areas	Notes about level of acceptable impact
NE North	24	None	No	N/A	Agriculture	Low	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE North	25	Yes	Yes	FjPh-59	Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	14	Yes	No	N/A	Agriculture	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE South	15	None	No	N/A	Industrial	Low	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	25	Yes	Yes	FjPh-59	Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	26	Yes	No	N/A	Golf Course	Low	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	27	None	No	N/A	Agriculture, Road	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE South	28	None	No	N/A	Agriculture, Road	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE South	29	None	No	N/A	Agriculture	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE South	30	None	Yes	FjPi-165	Agriculture	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE South	31	None	No	N/A	Agriculture	Low	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	32	Yes	No	N/A	Agriculture	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE South	33	Yes	No	N/A	Industrial	Low	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	34	Yes	No	N/A	Golf Course, Road	Low	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	35	Yes	No	N/A	Agriculture	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE South	36	None	No	N/A	None	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE South	38	Yes	No	N/A	Residential	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE South	39	Yes	No	N/A	Agriculture	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE South	40	Yes	No	N/A	Industrial	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE South	137	Yes	No	N/A	Industrial	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	138	None	No	N/A	Industrial	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources

Sector	Zone_ID	Association of the area with ACT's defined Significant Site Listing (SSL) designations	Previously recorded historical resources in the area	Number of identified historical resource within the Borden block	Previous disturbances observed in the area	WH's evaluation of the areas potential to contain any unrecorded/undiscovered historical resources	WH's evaluation of interpretive value of any undiscovered historic resources potentially present in the area	WH's judgment about acceptable level of impact in the areas	Notes about level of acceptable impact
NE South	139	None	Yes	FjPi-92, FjPi-93, FjPi-137, FjPh-68	Industrial	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	140	None	Yes	FjPi-91, FjPh-79	Agriculture	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	141	Yes	No	N/A	Industrial	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	142	Yes	Yes	FjPh-104, FjPh-105, FjPh-106, FjPh-107	Agriculture	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	143	Yes	No	N/A	Agriculture	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	144	Yes	Yes	FjPh-103	Industrial	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	145	Yes	No	N/A	Industrial	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	146	None	No	N/A	None	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
NE South	147	None	Yes	FjPh-45	Industrial	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	148	None	Yes	FjPh-39, FjPh-40	Industrial	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	149	None	Yes	FjPh-38	Industrial	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	150	Yes	Yes	FjPi-101, FjPi-102	Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	151	Yes	No	N/A	Agriculture	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	152	Yes	Yes	FjPi-139	Road	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	153	Yes	No	N/A	Agricultural	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	154	Yes	Yes	FjPh-125	Agricultural	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	155	Yes	No	N/A	Agriculture	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	156	None	No	N/A	Industrial	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	157	Yes	Yes	FjPh-62, FjPh-63, FjPh-97, FjPh-131	Agriculture	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources



Sector	Zone_ID	Association of the area with ACT's defined Significant Site Listing (SSL) designations	Previously recorded historical resources in the area	Number of identified historical resource within the Borden block	Previous disturbances observed in the area	WH's evaluation of the areas potential to contain any unrecorded/undiscovered historical resources	WH's evaluation of interpretive value of any undiscovered historic resources potentially present in the area	WH's judgment about acceptable level of impact in the areas	Notes about level of acceptable impact
NE South	158	None	No	N/A	Industrial	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	159	Yes	No	N/A	Industrial	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
NE South	160	Yes	No	N/A	Industrial	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW Blackmud	41	None	No	N/A	Residential	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
SW Blackmud	42	None	No	N/A	Road	High	High	Moderate	Area already impacted might proceed with minimal chances of impacting historic resources. There is a high chance of impacting archaeological resources if development were to occur in the vicinity of the creek oxbow.
SW Blackmud	43	None	No	N/A	Residential	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
SW Blackmud	44	None	Yes	FiPj-164, FiPj-165	Agriculture	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources.
SW Blackmud	45	None	Yes	FiPj-140	Residential	High	High	Low	Area already impacted might proceed with minimal chances of impacting historic resources. There is a high chance of impacting archaeological resources if development were to occur in the vicinity of the creek oxbow.
SW Blackmud	46	None	No	N/A	Residential	High	High	Low	Area already impacted might proceed with minimal chances of impacting historic resources. There is a high chance of impacting archaeological resources if development were to occur in the vicinity of the creek oxbow.
SW Blackmud	47	Yes	No	N/A	Residential	High	High	Low	Area already impacted might proceed with minimal chances of impacting historic resources. There is a high chance of impacting archaeological resources if development were to occur.
SW Blackmud	48	Yes	No	N/A	Residential	High	High	Low	Area already impacted might proceed with minimal chances of impacting historic resources. There is a high chance of impacting archaeological resources if development were to occur.
SW Blackmud	49	Yes	Yes	FiPi-112, FiPi-35	Residential	High	High	Low	Area already impacted might proceed with minimal chances of impacting historic resources. There is a high chance of impacting archaeological resources if development were to occur along creek margin and oxbows.
SW Blackmud	50	Yes	Yes	FiPj-89, FiPj-91, FiPi-32, FiPi-37	Residential	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources. A number of archaeological sites have already been recorded in this area.

Sector	Zone_ID	Association of the area with ACT's defined Significant Site Listing (SSL) designations	Previously recorded historical resources in the area	Number of identified historical resource within the Borden block	Previous disturbances observed in the area	WH's evaluation of the areas potential to contain any unrecorded/undiscovered historical resources	WH's evaluation of interpretive value of any undiscovered historic resources potentially present in the area	WH's judgment about acceptable level of impact in the areas	Notes about level of acceptable impact
SW Blackmud	51	Yes	Yes	FiPj-90	Residential, Road	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources. Archaeological sites have already been recorded in this area.
SW Blackmud	52	Yes	Yes	FiPj-64, FiPj-65	Residential, Road	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources. A number of archaeological sites have already been recorded in this area.
SW Blackmud	53	Yes	Yes	FiPj-62, FiPj-106	Residential	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources. A number of archaeological sites have already been recorded in this area.
SW Blackmud	54	Yes	Yes	FiPj-56, FiPj-59, FiPj-61	Residential	High	Moderate	Moderate	Area already impacted might proceed with minimal chances of impacting historic resources. There is a high chance of impacting archaeological resources if development were to occur in the vicinity of the creek oxbow.
SW Blackmud	55	Yes	No	N/A	Residential	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources. A number of archaeological sites have already been recorded in this area.
SW Blackmud	56	Yes	Yes	FiPj-127	Residential, Park	High	Moderate	Moderate	Located on the Blackmud Creek valley margin. There is a high chance of encountering archaeological resources along the oxbows in the creek. Most of the margin is developed so any sites in this area are likely to be disturbed.
SW Blackmud	57	Yes	Yes	FiPj-72, FiPj-156	Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW Blackmud	58	Yes	No	N/A	Residential	High	Moderate	Moderate	Area already impacted might proceed with minimal chances of impacting historic resources. There is a high chance of impacting archaeological resources if development were to occur in the vicinity of the creek oxbow.
SW Blackmud	59	Yes	No	N/A	Residential	High	Moderate	Moderate	Area already impacted might proceed with minimal chances of impacting historic resources. There is a high chance of impacting archaeological resources if development were to occur in the vicinity of the creek oxbow.
SW River North	76	Yes	Yes	FiPj-123, FiPj-124, FiPj-125, FiPj-174	Construction visible on Google Earth in the south portion of the floodplain.	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
SW River North	77	Yes	Yes	FiPj-126	Residential, Golf Course	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River North	78	Yes	No	N/A	Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River North	79	Yes	Yes	FiPj-149	Park	Low	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources

Sector	Zone_ID	Association of the area with ACT's defined Significant Site Listing (SSL) designations	Previously recorded historical resources in the area	Number of identified historical resource within the Borden block	Previous disturbances observed in the area	WH's evaluation of the areas potential to contain any unrecorded/undiscovered historical resources	WH's evaluation of interpretive value of any undiscovered historic resources potentially present in the area	WH's judgment about acceptable level of impact in the areas	Notes about level of acceptable impact
SW River North	80	Yes	Yes	FiPj-141	Residential, Park	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River North	81	Yes	Yes	FiPj-172	Road	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
SW River North	82	Yes	No	N/A	Water Treatment Facility	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River North	83	Yes	No	N/A	Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River North	84	Yes	No	N/A	Road	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
SW River North	120	Yes	Yes	FiPj-68	Road, Power Line, Trails	Low	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River North	121	Yes	Yes	FiPj-170	Residential	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
SW River North	122	Yes	No	N/A	Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River North	123	Yes	Yes	FiPj-67	Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River North	124	Yes	No	N/A	Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River North	125	Yes	Yes	FiPj-93	Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River North	126	Yes	Yes	FiPj-94, FiPj-95, FiPj-96	Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River North	127	Yes	No	N/A	Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River North	128	Yes	Yes	FiPj-77, FiPj-78, FiPj-79, FiPj-163, FiPj-173	Agriculture, Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River North	129	Yes	No	N/A	Agriculture, Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River North	130	Yes	No	N/A	Agriculture, Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources

Sector	Zone_ID	Association of the area with ACT's defined Significant Site Listing (SSL) designations	Previously recorded historical resources in the area	Number of identified historical resource within the Borden block	Previous disturbances observed in the area	WH's evaluation of the areas potential to contain any unrecorded/undiscovered historical resources	WH's evaluation of interpretive value of any undiscovered historic resources potentially present in the area	WH's judgment about acceptable level of impact in the areas	Notes about level of acceptable impact
SW River North	131	Yes	No	N/A	Agriculture	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River North	132	None	No	N/A	None	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
SW River North	133	Yes	No	N/A	Agriculture	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River North	134	None	Yes	FiPk-38	Agriculture	High	High	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River North	135	None	No	N/A	Agriculture	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River North	136	None	Yes	FiPk-34	Agriculture	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River South	84	Yes	No	N/A	Road	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
SW River South	85	Yes	Yes	FiPj-73	Agriculture	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
SW River South	86	Yes	No	N/A	Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River South	87	None	No	N/A	Agriculture	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River South	88	Yes	No	N/A	Agriculture	High	Moderate	Moderate	Area already impacted might proceed with minimal chances of impacting historic resources. There is a high chance of impacting archaeological resources if development were to occur in the treed areas along the valley margin.
SW River South	89	Yes	No	N/A	Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River South	90	Yes	No	N/A	Agriculture	High	No	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River South	91	Yes	Yes	FiPj-168	Agriculture	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
SW River South	92	Yes	No	N/A	Road, Trails	Low	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River South	93	Yes	No	N/A	Trails	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources

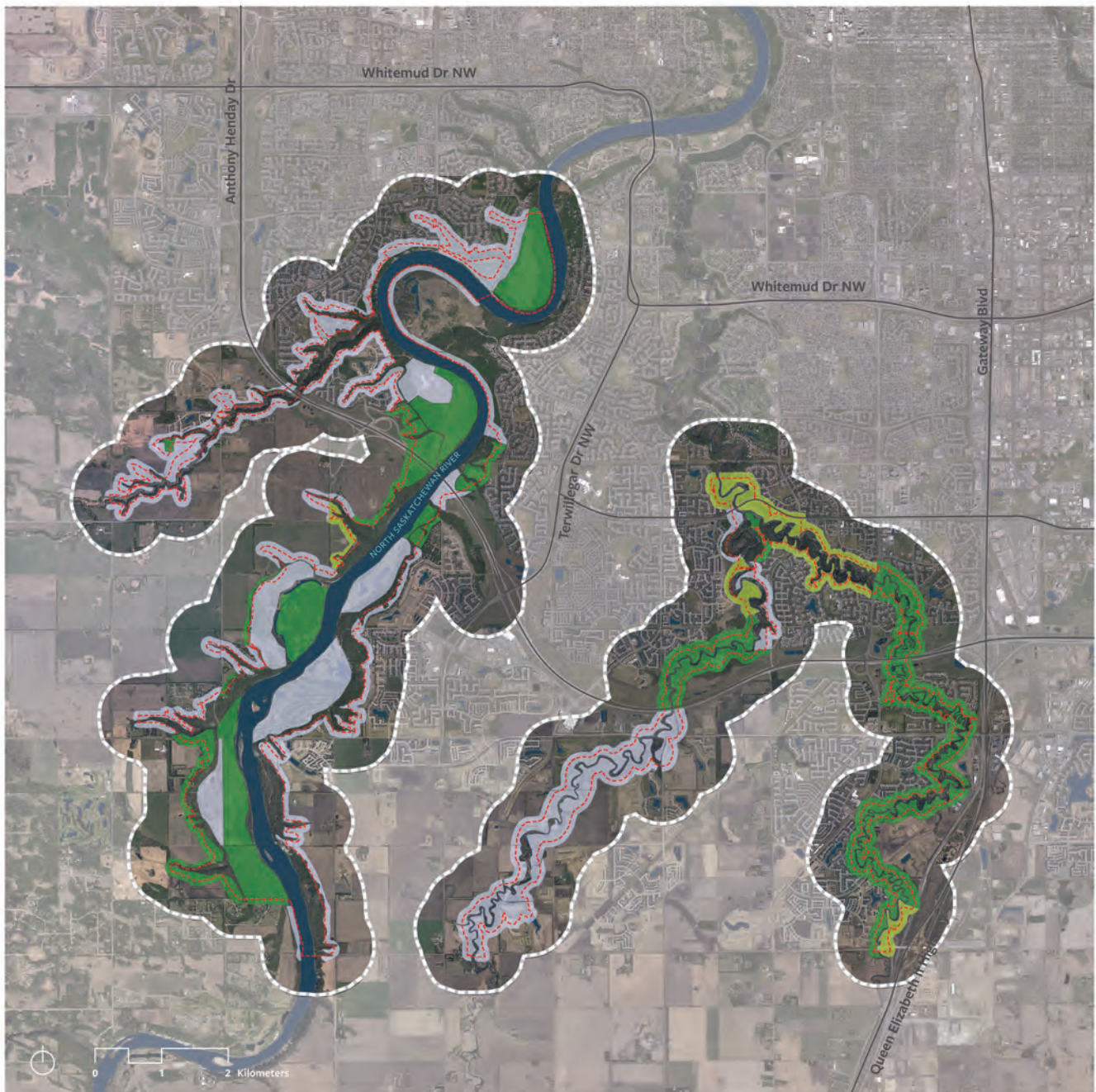
Sector	Zone_ID	Association of the area with ACT's defined Significant Site Listing (SSL) designations	Previously recorded historical resources in the area	Number of identified historical resource within the Borden block	Previous disturbances observed in the area	WH's evaluation of the areas potential to contain any unrecorded/undiscovered historical resources	WH's evaluation of interpretive value of any undiscovered historic resources potentially present in the area	WH's judgment about acceptable level of impact in the areas	Notes about level of acceptable impact
SW River South	94	Yes	No	N/A	Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River South	95	Yes	No	N/A	Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River South	96	Yes	No	N/A	Agriculture	High	High	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River South	97	Yes	No	N/A	Residential	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
SW River South	98	Yes	Yes	FiPk-12, FiPk-13, FiPk-14	Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting intact historic resources due to previous disturbances
SW River South	99	Yes	No	N/A	Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River South	100	Yes	No	N/A	Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River South	101	Yes	No	N/A	Agriculture	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
SW River South	102	Yes	Yes	FiPj-161	Agriculture	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
SW River South	103	Yes	Yes	FiPj-152, FiPj-166, FiPk-92	Agriculture	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
SW River South	104	Yes	No	N/A	Road	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
SW River South	105	Yes	No	N/A	None	Low	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River South	106	Yes	No	N/A	Road, Trails	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
SW River South	107	Yes	No	N/A	Road, Trails	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
SW River South	109	Yes	No	N/A	Agriculture	High	High	High	Any level of impact might proceed with minimal chances of impacting historic resources

Sector	Zone_ID	Association of the area with ACT's defined Significant Site Listing (SSL) designations	Previously recorded historical resources in the area	Number of identified historical resource within the Borden block	Previous disturbances observed in the area	WH's evaluation of the areas potential to contain any unrecorded/undiscovered historical resources	WH's evaluation of interpretive value of any undiscovered historic resources potentially present in the area	WH's judgment about acceptable level of impact in the areas	Notes about level of acceptable impact
SW River South	110	Yes	No	N/A	Agriculture	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River South	111	Yes	No	N/A	Agriculture	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River South	112	Yes	Yes	FiPj-151, FiPj-160	Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River South	113	Yes	No	N/A	Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River South	114	Yes	No	N/A	Golf Course	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River South	115	Yes	Yes	FiPj-119	Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River South	116	Yes	No	N/A	Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River South	117	Yes	No	N/A	Golf Course	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW River South	118	Yes	No	N/A	Residential	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
SW River South	119	Yes	No	N/A	Trails	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
SW River South	120	Yes	Yes	FiPj-68	Road, Power Line, Trails	Low	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW Whitemud	55	Yes	No	N/A	Residential	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources. A number of archaeological sites have already been recorded in this area.
SW Whitemud	57	Yes	Yes	FiPj-72, FiPj-156	Residential	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW Whitemud	60	Yes	Yes	FiPj-154	Residential	High	Moderate	Moderate	Located on the Blackmud Creek valley margin. There is a high chance of encountering archaeological resources along the oxbows in the creek. Most of the margin is developed so any sites in this area are likely to be disturbed.
SW Whitemud	61	Yes	Yes	FiPj-58, FiPj-71	Residential, Agriculture	Low	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW Whitemud	62	Yes	Yes	FiPj-120, FiPj-129, FiPj-130, FiPj-136, FiPj-139	Residential, Former Coal Mine	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources

Sector	Zone_ID	Association of the area with ACT's defined Significant Site Listing (SSL) designations	Previously recorded historical resources in the area	Number of identified historical resource within the Borden block	Previous disturbances observed in the area	WH's evaluation of the areas potential to contain any unrecorded/undiscovered historical resources	WH's evaluation of interpretive value of any undiscovered historic resources potentially present in the area	WH's judgment about acceptable level of impact in the areas	Notes about level of acceptable impact
SW Whitemud	63	Yes	Yes	FiPj-118, FiPj-131, FiPj-132,	Residential, Former Coal Mine	High	High	Low	There is high chance that any impact beyond low level might affect undiscovered historic resources
SW Whitemud	64	Yes	No	N/A	Industrial	Low	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW Whitemud	65	Yes	No	N/A	Agriculture, Cemetery	Low	Low	High	Outside of the cemetery, any level of impact might proceed with minimal chances of impacting historic resources
SW Whitemud	66	Yes	No	N/A	None	Low	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW Whitemud	67	Yes	No	N/A	Residential, Golf Course	Low	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW Whitemud	68	Yes	No	N/A	Golf Course	Low	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW Whitemud	69	Yes	No	N/A	Agriculture	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW Whitemud	70	Yes	No	N/A	Agriculture	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW Whitemud	71	Yes	No	N/A	Agriculture	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW Whitemud	72	Yes	Yes	FiPj-158, FiPj-159	Agriculture	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW Whitemud	73	Yes	No	N/A	Agriculture	Low	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW Whitemud	74	Yes	No	N/A	Agriculture	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources
SW Whitemud	75	Yes	Yes	FiPj-148	Agriculture, Commercial	High	Low	High	Any level of impact might proceed with minimal chances of impacting historic resources

# SOUTHWEST: UNKNOWN ARCHAEOLOGICAL RESOURCES

- Archaeological Unknown - Allows High Impact
- Archaeological Unknown - Allows Moderate Impact
- Archaeological Unknown - Allows Low Impact
- Study Area
- Analysis Area



**Figure 4:** Map showing location of SW Unknown Archaeological Resources



# NORTHEAST: UNKNOWN ARCHAEOLOGICAL RESOURCES

- Archaeological Unknown - Allows High Impact
- Archaeological Unknown - Allows Moderate Impact
- Archaeological Unknown - Allows Low Impact
- Study Area
- Analysis Area



**Figure 5:** Map showing location of NE Unknown Archaeological Resources

## Results: Historic Sites

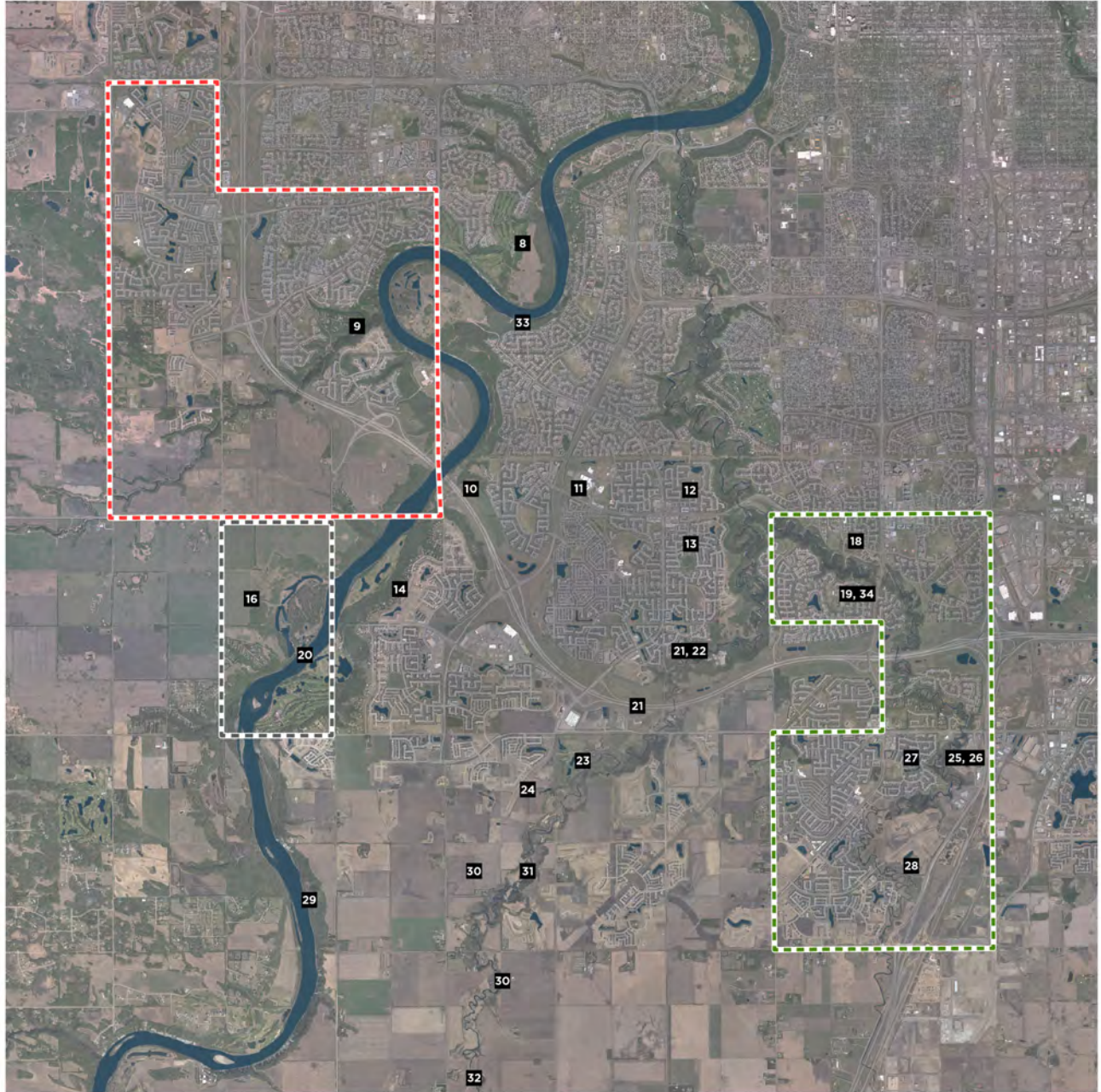
Our review of historic sites in the study areas resulted in the identification of 32 historic sites and 2 contemporary sites considered to be of cultural significance (total n=34). The historic sites represent a diverse range of activities that have taken place along the North Saskatchewan since the arrival of Euro-Canadians in the region (i.e. during and after the “contact” period between Indigenous inhabitants and Euro-Canadian settlers). The following list of historic sites dates to the “contact” period and the period that followed. However, it is likely that many, if not all, of the historic sites discussed in the following were areas that were previously occupied by or otherwise known to the Indigenous and Métis communities that preceded Euro-Canadian arrival. Activities include ferry crossings, community celebrations, industry such as coal mining, education, First Nations - Euro-Canadian relations, agriculture, transportation, logging, communication, spirituality and religion, and the Klondike Gold Rush. The contemporary sites include the site of the landslide that destroyed homes in the Riverbend area in the late 1990’s, and the temple of the Maha Ganapathy Society of Alberta, constructed in the 1980’s and located within the ROG footprint. Tables 11 to 13, below, present a summary of the results of our analyses. This information is also summarized in the Historic Sites geodatabase that accompanies this report.

All historic and contemporary sites are considered to be of moderate or high interpretive value, and we recommend avoidance and/or further studies for all but 4 of the 34 sites listed. Of the four sites listed as of no further heritage concern, three have been heavily disturbed and it is unlikely that any intact historic resources remain at these sites. The fourth is the contemporary temple, which is currently in use and therefore not under threat of development.

The results of our assessment of historic resources is best summarized in the following narrative, which is compiled from the bibliographic sources consulted in our analysis and listed in 7.0, below.

## SW - Historic Sites

- 7 - Stony Plain Indian Reserve No. 135
- 15 - Big Island
- 17 - Papaschase Indian Reserve No. 136



**Figure 6:** Map showing location of SW Historic Sites

*Numbers Indicate General Location of Cultural Resources*

**NE - Historic Sites**



**Figure 7:** Map showing location of NE Historic Sites

*Numbers Indicate General Location of Cultural Resources*

**Table 8:** *Historic site description and interpretive potential*

Site name (names are not always assigned)		Brief summary of information about the site	Site themes (for interpretive purposes)	Primary period(s) in use	Interpretive potential (H,M,L)	Notes on interpretive potential
Pointe la Pie	1	Geographic landmark on North Saskatchewan River, site of McLellan and Featherstonaugh sawmill, steamboat river landing site, river excursion picnics, transport of flour and coal between Edmonton and Fort. Saskatchewan	Edmonton Economy, River Transportation System, River Recreation	Sawmill: ? to 1899 Steamboat Landing: 1898 to ?	High	Speaks to economic and recreational history of Edmonton. Public interest and educational opportunity to learn about early industries. Possible public archaeology opportunities.
Horse Hill Berry Farm	2	Raspberry farm (4rd generation farm). History of market farms in NE Edmonton, Importance of preserving this area to grow berries, fruits, and vegetables due to rich soil.	This farm is one of at least 4 other berry and vegetable farms on this floodplain. 4th generation farms. Sustainability, Agriculture, Economy, Community	Berry farm 2007 to present, but great-grandfather of owner farmed on this property in 1880's.	High	High interpretive potential due to location along river, importance of market farms in Edmonton area. Family farms adjacent to park trails. Multi-generational historical farm. Public interest educational opportunity to learn about market garden history in Edmonton, and to coordinate public access of ROG and market gardens with owners.
Horse Hill	3	Place where Hudson's Bay Company (HBC) employees and families pastured horses for Fort Edmonton. Place where Sanford Fleming's (surveyor) expedition had breakfast Aug.27, 1872. Artist Paul Kane visits horse guard Dec. 5, 1848. Horsehills Creek is a city of Edmonton designated protected site for flora and fauna. Within parkland and adjacent farmland.	Fur Trade, HBC transportation and supply system, horse guard of Fort Edmonton.	1800 to 1900	High	High interpretive potential due to location and speaks to economy of fur trade. Public interest and educational opportunity along park trail.

Site name (names are not always assigned)		Brief summary of information about the site	Site themes (for interpretive purposes)	Primary period(s) in use	Interpretive potential (H,M,L)	Notes on interpretive potential
Anthony Henday Camp	4	Explorers campsite before canoe building and travel to York Factory (some historians dispute this campsite location as historical fact). Within undeveloped parkland.	Early Fur Trade, HBC history, Euro-Canadian exploration	1755 March 3. On March 5 Henday's crew moved to confluence of Sturgeon River and North Saskatchewan River to build canoes. (possibly). New location is outside of ROG footprint	Moderate	High interpretive potential due to early history of fur trade, HBC, Henday exploration, but confirmation of historical fact is required. Preservation of natural area with heritage interpretation recommended. Public interest and educational opportunity to interpret the fur trade connection of Edmonton and Fort Saskatchewan.
Black Rock Mine	5	Coal Mine operated by Fraser-Mackay Collieries Ltd.	Economic and coal mining history of Edmonton, Resource, Trade and Labour history, urban settlement.	1904 to 1941	Moderate	Potential for interpretive rest area to discuss importance of coal mining in that area. Public interest and educational opportunity to interpret Edmonton's coal mining history in NE Edmonton.
Clover Bar Coal Co. Ltd. Mine	6	Coal Mine operated by Clover Bar Coal Co. Ltd.	Economic and coal mining history of Edmonton, Resource, Trade and Labour history, urban settlement.	1897 to 1923	Moderate	Potential for interpretive rest area to discuss importance of coal mining in that area. Public interest and educational opportunity to interpret Edmonton's coal mining history in NE Edmonton.
Stony Plain Indian Reserve No. 135	7	First Nations Reserve	Reserve History. History of indigenous-Euro-Canadian Contact. History of indigenous peoples and Government in the West.	1884 to present. Main reserve (now called Enoch Cree Nation) 1884 to 1908: the parts that were within or near ROG footprint; the 1908 surrender of Enoch reserve is part of ROG area.	High	High interpretive potential due to socio-political significance and location.

Site name (names are not always assigned)		Brief summary of information about the site	Site themes (for interpretive purposes)	Primary period(s) in use	Interpretive potential (H,M,L)	Notes on interpretive potential
Edmonton Golf and Country Club	8	Oldest private golf course in Alberta, first conceived by American club pro L.G. White, and later designed by Stanley Thompson, well-known golf course architect who also designed other courses in Edmonton (Highlands Links, Capilano) and Alberta (Banff, Jasper). Also is precontact archaeological kill site.	Edmonton recreational history, indigenous hunting history.	1910 (this location) to present. Edmonton Country Club est. 1896.	High	Recreation, golf history in Alberta, and indigenous history in Edmonton.
Wallbridge and Imrie House, or "Six Acres"	9	Canada's first all- female architectural firm, consists of architect's home and office.	History of architectural profession in Canada and Edmonton, history of women professionals in Canada	1954 (completed 1957) to present	High	High interpretive potential due to significant local and professional history. Site is listed in City of Edmonton Historic Resources Inventory.
Holy Redeemer College and cemetery	10	Minor seminary for Catholic novitiates. Offered high school and first year arts program. Home of large Christ the Teacher Statue, moved in 1974 to St. Albert, statue moved again in 2008. Alberta Government now owns site.	Catholic History in Edmonton, local religious art.	1960 to 1970: seminary. 1970 to 1974: retreat, training centre for adult education, and Federal Penitentiary training. 1974: Cemetery re-located.	High	High interpretive potential due to spiritual, religious significance of site (seminary and cemetery)
Henderson Farm and family cemetery	11	Farm and family burial plot of Euro-Canadian settlers. Henderson family connection to Riel Rebellion at Fort Edmonton, and to Klondike Gold Rush	Early settler experiences, in Edmonton. Indigenous/Euro-Canadian relations during settlement. Homesteading. Riel Rebellion. Gold rush/gold panning.	1891: First Henderson family homestead. Cemetery: 1896 to 1960	High	High interpretive potential due to well-documented family history and connection to historical events, although no <i>in situ</i> site remains to commemorate.

Site name (names are not always assigned)		Brief summary of information about the site	Site themes (for interpretive purposes)	Primary period(s) in use	Interpretive potential (H,M,L)	Notes on interpretive potential
Twin Bridges in Mactaggart Sanctuary	12	Early infrastructure and community gathering place (community picnics, games), MacTaggart nature sanctuary in Edmonton, related to Sandy MacTaggart. Locals recall a bunker in the area.	Early infrastructure and community gathering place. Local special places history. History of local philanthropist Sandy MacTaggart. Nature sanctuary in Edmonton,	Community picnics and games until 1930 at this spot. Photo of a bridge in Mactaggart Sanctuary shows evidence of older infrastructure: weathered blue foot bridge. Area has been designated the Mactaggart Sanctuary since the early 1990's.	High	This place was familiar as a community picnic and party place, Located within park space, land later set aside as a nature sanctuary. Evidence of older metal bridge (ca. 1930) suggests potential for discussion of early infrastructure. Knowledge of history of area by local residents, historic and nostalgic significance to residents of Southwest Edmonton.
Rabbit Hill	13	Natural landform with ancestral indigenous cultural significance, possible site for tool making, gaming, spirituality. Within park environment surrounded by residential development, so there is possibility of undisturbed cultural materials	Indigenous history, cultural and economic life. Historic landmark during Euro-Canadian period.	Prehistoric/Prec contact to Historic periods	High	High interpretive potential because it is a well-known location within Edmonton that potentially has prehistoric and historic significance.
Prison Farm	14	City of Edmonton farm for prison inmates.	Alberta Corrections and Justice history, Edmonton legal history. Prisoner rehabilitation, skills development	1913 to 1917 1913 to 1916: was a detention centre for men convicted of inebriation. 1917 to 194?: leased out as a farm. 1947 to 1950: Calmont Oils Ltd. drilled dry well.	High	Good location for interpretation of history of corrections/law.
Big Island	15	Island in North Saskatchewan River, valley location, within a park environment. An important site for indigenous populations. Also popular site for turn of the 20th century recreation and industry. Associated activities: Industries: logging, coal, gold dredging, recreation (games, picnicking, canoeing, swimming, and steam boat rides).	Local indigenous economy, spirituality, culture, history. Edmonton Euro-Canadian industry, recreation along river.	1880's to 1915	High	High interpretive potential due to popularity of site with local Edmontonians, and significance of island to First Nations. Concentrated collection of industries in one site. Could also include Loveland gold dredging interpretation (see below).



Site name (names are not always assigned)		Brief summary of information about the site	Site themes (for interpretive purposes)	Primary period(s) in use	Interpretive potential (H,M,L)	Notes on interpretive potential
First Calgary Trail and Telegraph Line	16	Road and telegraph line	Transportation and communication history; Calgary trail history and telegraph line history in Edmonton	Trail: 1875 - Telegraph: More research needed	Moderate	Part of regional and provincial history of Alberta
Papaschase Indian Reserve No. 136	17	First Nations reserve included large portion of Blackmud Creek within Reserve boundary	Reserve History. History of Indigenous/Euro-Canadian Contact. History of Government in the West.	1881 to 1887 (Papaschase band occupation), 1883 to 1889 (official dates of reserve existence)	High	High interpretive potential due to socio-political significance, could speak to issues around Truth and Reconciliation.
Papaschase Indian Cemetery	18	Historic First Nations cemetery	Native Spiritual Life, Reserve History	Age not determined. Wooden crosses observed in 1912 and mid-1930's.	High	High interpretive value due to spiritual significance and location
Canadian Northern Western Railway Trestle	19	Railway Trestle Bridge	Transportation/Railway history, early infrastructure	1914 to 1940's	Moderate	Potential for public education point of interest about railway/transportation history in Edmonton, and as an historic cultural landscape, but original structure dismantled and materials recycled into farm structures elsewhere, so no physical remains may be present.

Site name (names are not always assigned)		Brief summary of information about the site	Site themes (for interpretive purposes)	Primary period(s) in use	Interpretive potential (H,M,L)	Notes on interpretive potential
Loveland Brothers Gold Dredge	20	Site of gold dredging	Gold dredging industry, river industries in Edmonton.	1899 to c.1910	Moderate	Interpretation of gold panning and dredging history could be incorporated into Big Island rest area interpretation, above. Gold dredging had a significant contribution to early economic history of Edmonton.
Rabbit Hill Collieries No. 1 & 2	21	Historic coal mine on Whitemud Creek	Economic history of Edmonton. Resource, Trade and Labour history. Coal mining history. Urban settlement	1923 to 1940	High	High interpretive potential due to location, economic history of Edmonton. Public education opportunity on coal mining history in SW Edmonton.
White Star Coal Co. Ltd.	22	Historic coal mine on either side of Whitemud Creek	Economic history of Edmonton. Resource, Trade and Labour history. Coal mining history. Urban settlement	1893 to 1948	High	High interpretive potential due to location, economic history of Edmonton. Public education opportunity on coal mining history in SW Edmonton.
Rabbit Hill United Church (original site)	23	Spiritual site, church location, possibly within SW ROG footprint	Rural community history and United Church history	1901 to 1928	Moderate	Church is among many that represent religious history of Edmonton, and the original site has been disturbed.

Site name (names are not always assigned)		Brief summary of information about the site	Site themes (for interpretive purposes)	Primary period(s) in use	Interpretive potential (H,M,L)	Notes on interpretive potential
Ashby Farm and Elevators	24	Farm complex built by Patrick and Elizabeth Ashby in 1939. Politician Patrick Ashby related to Social Credit cabinet and creation of Treasury Branch. MP for Edmonton East from 1945 to 1949.	Farming, Ranching, Alberta and Federal Government	1939 - Owned by Patrick Ashby from 1939 to 1965.	High	High interpretive potential due to economic and political prominence of occupants, probability of farm structures remaining.
Walker Farm	25	Homestead and stopping house of Darius and Ellen Walker on Blackmud Creek	Early family farms, Papaschase Reserve lands, Indigenous/Euro-Canadian settler relationships.	1903 to 1920's, still in family ownership in 1980's	High	High interpretive potential due to social, socio-political, and economic significance, Indigenous history and Indigenous-Euro-Canadian history
Pilgrimage campsite and potential pre-contact archaeology sites	26	Where Indian and "gypsy" caravans would camp for the night on way to Lac St. Anne. Prehistoric indigenous artifacts recovered at site during cultivation activities.	Contact between indigenous inhabitants and Euro-Canadian settlers, Post-contact Indigenous spiritual life, Old wagon trails, early history of Northern Alberta region, Indigenous archaeology	Pre-contact campsite use (indeterminate age), historic camps observed post-1903.	High	High interpretive potential due to spiritual, social, socio-political, and economic significance, indigenous history and Indigenous-Euro-Canadian history, as well as to ties with region north of Edmonton (Lac St. Anne)
Big Island Coal Company Mine	27	Coal Mine	Economic history of Edmonton. Resource, Trade and Labour history. Coal mining history. Urban settlement	1897 to 1934	High	High interpretive potential due to location, economic history of Edmonton. Public education opportunity on coal mining history in SW Edmonton.

Site name (names are not always assigned)		Brief summary of information about the site	Site themes (for interpretive purposes)	Primary period(s) in use	Interpretive potential (H,M,L)	Notes on interpretive potential
Samuel Adam Blacksmith Shop and Farm	28	Blacksmith Shop and Farm within Papaschase Indian Reserve Boundaries	Euro-Canadian Settler story, mixed farming, small industry history.	Farm: 1907 to 1939, Samuel and Emelia Adam. Post - 1939: passed on to children.	High	High interpretive potential due to family history, unique industry in rural area. However, Adam farm site and presumably blacksmith shop may have been destroyed by construction and ground disturbance.
Big Island Ferry Crossing	29	Ferry landing sites	Early Edmonton transportation, river transportation, local transportation	1908-1917 SE & NE17-51-25-W4; 1907-1908 2 mi. north of Big Island. 1908-1917 2 mi. south of Big Island	Moderate to High	Potential based on whether there are remains of landing structures. However, it was the site of a significant mode of transportation in Edmonton's history and could represent high interpretive potential, depending on level of interpretation planned (signage, replicas, etc)
Whitemud School	30	3 school buildings close to Whitemud Creek valley	History of Education in Alberta, Rural schools	1893 to 1958	Moderate	Interpretive potential is moderate due to significance regarding local socio-cultural history. However, it is among several that represent the educational history of Edmonton.
New Pacalta #1	31	Oil well	Oil resource history in Edmonton area	1949-?	Moderate to High	Interpretive potential depends in part on ability to locate original footings, but good location within or close to park system. However, it is the only site found thus far in SW ROG connected to oil and gas industry. Unique and significant to economic history of Edmonton area.

Site name (names are not always assigned)		Brief summary of information about the site	Site themes (for interpretive purposes)	Primary period(s) in use	Interpretive potential (H,M,L)	Notes on interpretive potential
Hiller Pumphouse	32	Water tower house and gauge built by local farmer, Jonathan Hiller. Hiller designed and built several labour saving devices on his farm.	Rural life, farm expertise and inventions, versatility.	c. 1912 - ? Still on Vernon Hiller farm in 1983.	Moderate.	Although house relates to one person's history, the person and structure are unique so rated as moderate significance.
Whitemud Road landslide site (Contemp.)	33	Landslide site on top of bank overlooking North Sask. River, and below bank where slide occurred. Destroyed three large homes.	Natural disasters and hazards. Sustainable urban development and expansion. River valley slope processes	1999	High	High interpretive potential due to site location and relevance to river processes and modern city development. Unique and recent natural disaster relating to human history in Edmonton's river valley.
Maha Ganapathy Society of Alberta (Contemp.)	34	Hindu Temple, community centre, temple grounds	Immigration, Hindu religion, world religions, diversity, globalization	1986 to present	Moderate to High	Although constructed in recent times and is not considered archaeological or historical, the temple has moderate to high interpretive potential, as it can speak to contemporary issues such as immigration, globalization, and tolerance.

**Table 10:** *Western Heritage's (WH's) recommendations for historic sites*

NAME	ID. No	RECOMMEND	RCMND_NOTE	POLICY_DIR	POLICYNOTE
		WH's recommendations about the sites with respect to RofG project	Notes explaining WH's recommendations	Pertains to O2 objectives	WH's explanation of recommendation on policy direction
Pointe la Pie	1	Avoidance or Further Studies.	Recommend ground survey to locate and record any remains of sawmill or steamboat landing, as it is unknown if remains of site exist within Ribbon of Green (ROG) footprint.	Preservation	Unknown if historic structural remains are present. Within park land with minimal disturbance. The site should be protected and preserved.
Horse Hill Berry Farm	2	Further Studies	Recommend ground survey to locate and record any remains of historic structures.	Conservation	Close proximity of U-pick businesses to park system. Multi-generational historical farm at this site.
Horse Hill	3	Avoidance or Further Studies.	Recommend ground survey to locate and record any historic remains within ROG footprint. Additional information is necessary to determine the extent, nature, and value of any buried archaeological remains that may be present.	Preservation	Unknown if historic structural remains are present. Archaeological sites associated with this historical site.
Anthony Henday Camp	4	Avoidance or Further Studies.	Recommend ground survey to locate and record any historic remains and evidence of 1755 camp. Additional information is necessary to determine the extent, nature, and value of any buried archaeological remains that may be present.	Preservation	Unknown if historic structural remains are present. Within undeveloped parkland. Moderate to high archaeological potential.
Black Rock Mine	5	Avoidance or Further Studies.	Recommend ground survey to locate and record any historic remains of mine (e.g. entrances, structures, tracks, shaft openings).	Preservation	Unknown if historic structural remains are present.
Clover Bar Coal Co. Ltd. Mine	6	Avoidance or Further Studies.	Recommend ground survey to locate and record any historic remains of mine (e.g. entrances, structures, tracks, shaft openings).	Preservation	Unknown if historic structural remains are present.
Stony Plain Indian Reserve No. 135	7	Avoidance or Further Studies.	Recommend ground survey to locate and record any historic remains to confirm locations from old maps. First Nations Engagement and Consultation strongly	Preservation or Conservation	ROG portion is part of former reserve. Unknown if historic structural remains are present. Require First Nations involvement to appropriately interpret sensitive site.

NAME	ID. No	RECOMMEND	RCMND_NOTE	POLICY_DIR	POLICYNOTE
			recommended to determine best type of interpretation of site area.		
Edmonton Golf and Country Club	8	Avoidance	Recommend avoiding further disturbance to this historic landscape.	Preservation	Historic golf course still in use and is being maintained as such.
Wallbridge and Imrie House, or "Six Acres"	9	Avoidance or Further Study	Recommend avoiding further disturbance to this historic structure, apart from maintenance. Recommend Historic Sites Survey form completion with statement of significance.	Preservation or Conservation	1950's Historic Building with present active use, under provincial jurisdiction.
Holy Redeemer College and cemetery	10	Avoidance or Further Study	If further development/disturbance is planned, recommend site survey to determine if buildings on site are the original seminary buildings. Recommend Historic Site Survey form completion with statement of significance.	Preservation or Conservation	1960's building with present active use, under provincial jurisdiction.
Henderson Farm and family cemetery	11	No Concerns	No intact elements of the site remains; no specific policy should be applied to this historic resource	Active/working landscapes	Site impacted by urban development.
Twin Bridges in Mactaggart Sanctuary	12	Avoidance or Further Studies	If any further development is to take place, ground survey required to locate any additional structures, including possible concrete bunker (known through local histories).	Preservation and Conservation	Preservation of historic structures and of natural area (within a nature sanctuary)
Rabbit Hill	13	Avoidance or Further Studies	If further development/disturbance is planned, recommend ground survey and possible archaeological testing to determine if intact subsurface archaeological materials are present.	Preservation	Preservation of the natural area within urban residential zone.
Prison Farm	14	Avoidance or Further Studies	If further development/disturbance is planned, recommend ground survey to determine if any structural remains of prison farm (e.g.	Preservation	Possible intact historic structural remains may be present adjacent to golf course.

NAME	ID. No	RECOMMEND	RCMND_NOTE	POLICY_DIR	POLICYNOTE
			concrete barns) are present.		
Big Island	15	Avoidance or Further Studies	If further disturbance is planned, recommend ground survey and possible archaeological assessment to determine if pre-contact and Historic sites are present and intact. Recommend indigenous engagement to collect stories of aboriginal use of Big Island.	Preservation or Conservation	Possible intact historic structures and archaeological sites remain.
First Calgary Trail and Telegraph Line	16	No Concerns	No intact cultural materials are likely to be present along the route as it is now Highway 2	Active/working landscapes	No specific policy should be applied to this historic resource; site impacted by redevelopment of highway
Papaschase Indian Reserve No. 136	17	Avoidance or Further Studies	Although most of the site is impacted by urban development, intact, undisturbed portions may remain. If future development is planned, recommend ground survey to document any intact historical remains, and archaeological assessment to determine whether intact subsurface materials are present. Also recommend First Nations Engagement to create interpretive ideas and wording of any written interpretive media.	Preservation or Conservation	Site impacted by urban development but pockets of undisturbed former reserve land may exist along creeks.
Papaschase Indian Cemetery	18	Avoidance	Potential burials within ROG boundary. Sensitive subject. If future development is planned, strongly recommend ground-penetrating radar (GPR) examination to determine if graves may be present below surface of park areas of this quarter. First Nations engagement and monitoring strongly recommended; no ground disturbance should proceed without meaningful First Nations engagement.	Preservation	Site under park space, and cemetery may have been disturbed. Recommend surface GPR survey to locate burials before any further developments take place in the area.



NAME	ID. No	RECOMMEND	RCMND_NOTE	POLICY_DIR	POLICYNOTE
Canadian Northern Western Railway Trestle	19	Avoidance or Further Studies	If future development is planned, recommend ground survey to determine type of structure crossing the creek, whether it relates to this historic structure, and if any conservation/restorative measures required.	Conservation	Depending on results of ground survey, there may or may not be any remains to conserve or protect, but it is likely that most of the site has been impacted by more recent cultural activity.
Loveland Brothers Gold Dredge	20	Avoidance or Further Studies	If future development is planned, recommend ground survey to find gold dredge machinery debris and any other related materials along river shore.	Preservation or Conservation	Remains of site unknown. Recommend ground survey.
Rabbit Hill Collieries No. 1 & 2	21	Avoidance or Further Studies	If future development is planned, recommend ground survey to determine whether historic materials remain (e.g. mine locations, tracks, mine tipples and other structural remains).	Conservation	Depending on results of ground survey, there may or may not be any remains to conserve or protect. There are likely to be areas that have been disturbed and impacted by coal mining activity and subsequent cultural activities, as well as areas that are intact and should be protected/avoided.
White Star Coal Co. Ltd.	22	Avoidance or Further Studies	If future development is planned, recommend ground survey to determine whether historic materials remain (e.g. mine locations, tracks, mine tipples and other structural remains).	Conservation	Depending on results of ground survey, there may or may not be any remains to conserve or protect. There are likely to be areas that have been disturbed and impacted by coal mining activity and subsequent cultural activities, as well as areas that are intact and should be protected/avoided.
Rabbit Hill United Church (original site)	23	No Concerns	Church was moved to new site near Rabbit Hill in 1928. The original site here has been disturbed and replaced with urban development.	Active/working landscapes	Church site has been redeveloped.
Ashby Farm and Elevators	24	Avoidance or Further Studies	If future development is planned, recommend ground survey of site to determine which original farm buildings still exist. Recommend updating historical building survey forms with statement of significance.	Preservation or Conservation	Farm buildings and house possibly presently used. Site may still be intact and in a rural setting.
Walker Farm	25	Avoidance or Further Studies	If future development is planned, recommend ground survey of site to determine whether farm	Preservation or conservation	Condition of site and associated structures are unknown. Portions of site may remain intact.

NAME	ID. No	RECOMMEND	RCMND_NOTE	POLICY_DIR	POLICYNOTE
			buildings and stopping house still exist.		
Pilgrimage campsite and potential pre-contact archaeology sites	26	Avoidance or Further Studies	If future development is planned, recommend ground survey of site to determine whether historic buildings remain on land. Archaeological assessment also strongly recommended, as there appears to be a lengthy history of indigenous occupation of the area that extends from the Precontact period into the Historic period, an important transition.	Preservation	Site location unknown, and there are undeveloped portions of Blackmud Creek Valley.
Big Island Coal Company Mine	27	Avoidance or Further Studies	If future development is planned, recommend ground survey to determine whether historic materials remain (e.g. mine locations, tracks, mine tipples and other structural remains).	Conservation	Depending on results of ground survey, there may or may not be any remains to conserve or protect. There are likely to be areas that have been disturbed and impacted by coal mining activity and subsequent cultural activities, as well as areas that are intact and should be protected/avoided.
Samuel Adam Blacksmith Shop and Farm	28	Further Studies	Recommend ground survey to determine whether historic materials remain.	Active/working landscapes	Site probably destroyed by ground disturbance, and structures removed.
Big Island Ferry Crossing	29	Further Studies	Recommend ground survey to locate ferry landing footings or other remains.	Preservation or Conservation	If remains of site can be found with ground survey, should be preserved as part of interpretation along river.
Whitemud School	30	Further Studies	Recommend ground survey to determine if school buildings or foundations remain.	Preservation or Conservation	If remains of schools can be found with ground survey, they should be preserved as part of interpretation.
New Pacalta #1	31	Further Studies	Requires ground survey and more historic research to determine specific location.	Preservation or Conservation	If remains of oil well can be found with ground survey, they should be preserved as part of interpretation.
Hiller Pumphouse	32	Further Studies	Recommend ground survey to determine if pump house still on site.	Indeterminate	Requires historical building survey to determine if original structure still exists and what condition it is in. Recommend historical site survey form completion and statement of significance if structure is original pump house.

NAME	ID. No	RECOMMEND	RCMND_NOTE	POLICY_DIR	POLICYNOTE
Whitemud Road landslide site (Contemporary)	33	Avoidance	No impact should be planned for the site area or in its vicinity. Edge and slope stability should not be compromised.	Preservation	Site is significant example of interface of natural and human history in Edmonton.
Maha Ganapathy Society of Alberta (Contemporary)	34	No Concerns	Site is contemporary and is currently owned and in use by a religious organization	Active/working landscapes	Presently actively used temple.

**Table 11:** *Western Heritage's (WH's) recommendations for acceptable impacts and possible interpretation media for historic sites.*

NAME	ID. No	IMPACT	IMPACTNOTE	INT_MEDIUM
Site name (names are not always assigned)		WH's judgment about acceptable level of impact in the site areas	Notes about level of acceptable impact	WH's suggested possible interpretation medium
Pointe la Pie	1	None to Low	No impact or very limited impact related to historic interpretation should be planned for the site area.	Rest area / kiosk which interprets the important history of the economic relationship between Edmonton and Fort Saskatchewan.
Horse Hill Berry Farm	2	Moderate	Depending on results of ground survey, moderate impacts may be planned for the site relating to interpretation and market garden. Preservation of any remaining historic structures or areas of ecological or historical sensitivity.	Trail marker or rest area interpreting history of the various farms here. Negotiate with land owners access to market gardens. Public access to market.
Horse Hill	3	None to Low	No impact or very limited impact should be planned for the site area. Intact subsurface archaeological resources may be present.	Could be part of larger space and rest area at northern point of ROG park to interpret fur trade history between Edmonton and Fort Saskatchewan. Possibility low impact kiosk with interpretive panels or small interpretive centre.
Anthony Henday Camp	4	None to Low	No impact or very limited impact should be planned for the site area. Intact subsurface archaeological resources may be present.	History of Anthony Henday in Edmonton area can be noted in the fur trade interpretive space.

NAME	ID. No	IMPACT	IMPACTNOTE	INT_MEDIUM
Site name (names are not always assigned)		WH's judgment about acceptable level of impact in the site areas	Notes about level of acceptable impact	WH's suggested possible interpretation medium
Black Rock Mine	5	Moderate	Moderate impacts could be planned for area relating to interpretation of the site.	Rest and interpretive area at southern tip of NE ROG dedicated to coal mine history in NE Edmonton. Could bring in discussions of trade, economy, urban growth, industry.
Clover Bar Coal Co. Ltd. Mine	6	Moderate	Moderate impacts could be planned for area relating to interpretation of the site	Rest and interpretive area at southern tip of NE ROG dedicated to coal mine history in NE Edmonton. Could bring in discussions of trade, economy, urban growth, industry.
Stony Plain Indian Reserve No. 135	7	Low to Moderate	Moderate impacts could be planned for parts of the area, depending on outcomes of engagement and ground survey.	Special places interpretive site. Needs Indigenous Engagement to develop interpretation.
Edmonton Golf and Country Club	8	Low	Historic golf course from AD 1910. Historic landscape requires low impact: golf course maintenance only.	Recommend recognition of history of this Golf course with marker in park trail area along river adjacent to present golf course. Marker can also recognize this area as a hunting place for original indigenous inhabitants.
Wallbridge and Imrie House, or "Six Acres"	9	Low to Moderate	Low impact to site and building. Building maintenance. Moderate impacts if building is restored to original design and open to public.	Suggest an interpretive marker along a trail with view of house. Review future plans for house with province if present non-profit organization leaves, e.g. potential to re-create architectural office as a museum with coffee shop/ cafe, public bathrooms. Would provide public services within river valley, with minimal additional disturbance to surrounding river valley.
Holy Redeemer College and cemetery	10	Low to Moderate	Level of impact will depend on historic building and ground survey, and provincial government plans for site. Recommend any site interpretations maintain privacy and security for Justice Training Centre.	Trail marker and rest site in river valley.

NAME	ID. No	IMPACT	IMPACTNOTE	INT_MEDIUM
Site name (names are not always assigned)		WH's judgment about acceptable level of impact in the site areas	Notes about level of acceptable impact	WH's suggested possible interpretation medium
Henderson Farm and family cemetery	11	High	Farm site highly impacted by urban development.	Recommend low impact site recognition in Creek valley, such as rest area and viewpoint with markers/signage. Recommend including recognition of former cemetery in this quarter.
Twin Bridges in Mactaggart Sanctuary	12	None or Low	No impact or very little impact is recommended.	One or two historical structures need conservation and stabilizing work (e.g. old metal bridge [c. 1930], concrete bunker if located), but no redevelopment is recommended. Rest area with interpretive markers/signage may be appropriate, to interpret history of community and the bridge, as well as to commemorate Sandy MacTaggart, who donated land for nature sanctuary.
Rabbit Hill	13	None or Low	No impact or very little impact is recommended.	Trail marker, rest area to acknowledge indigenous pre-contact life and economy, and science of archaeology in Edmonton. Possible interpretive opportunities for public education regarding archaeology, indigenous traditional knowledge.
Prison Farm	14	None or Low	Level of impact dependent on results of ground survey, but no impact or very little impact is recommended.	Good location for interpretive rest area along river near present golf course. Potential for public education about justice and corrections history in Edmonton.
Big Island	15	Low to Moderate	Depending on results of archaeological survey, low to moderate impacts may be planned for site related to interpretation.	Rest area and interpretive kiosk with focus on precontact and Euro-Canadian history. Potential for public participation/engagement/education, with boat excursions to island, re-creating old time picnics, gold panning.

NAME	ID. No	IMPACT	IMPACTNOTE	INT_MEDIUM
Site name (names are not always assigned)		WH's judgment about acceptable level of impact in the site areas	Notes about level of acceptable impact	WH's suggested possible interpretation medium
First Calgary Trail and Telegraph Line	16	High	Trail has already been impacted by existing transportation corridor.	Low impact interpretation can be planned in ROG, such as a trail marker in valley park to recognize the original trail and telegraph line
Papaschase Indian Reserve No. 136	17	Low to Moderate	Depending on results of archaeological survey, low to moderate impacts may be planned for site, as related to interpretation. Recommend low impact interpretation where applicable in ROG is recommended.	Special/sensitive places interpretive site. Recommend Indigenous Engagement to develop interpretation.
Papaschase Indian Cemetery	18	None	No further impacts are recommended. Spiritually significant place.	Requires Indigenous Engagement to approve and develop any interpretation that might be planned for this area. Possible rest area and commemorative view point, if indigenous advisors recommend.
Canadian Northern Western Railway Trestle	19	Low to Moderate	Low impacts recommended for this area, unless ground survey demonstrates no surviving remains of trestle.	Trail marker to interpret railway and transportation history in south Edmonton. Suggest creek crossing could be incorporated into a trail as part of historic cultural landscape.
Loveland Brothers Gold Dredge	20	Low	Level of acceptable impact will depend on results of ground survey. Impact levels can be re-evaluated pending these results.	Rest area with trail marker on river trail. Interpretation of Loveland dredge can also represent other companies working this part of river, e.g. Star Mining Co.
Rabbit Hill Collieries No. 1 & 2	21	Low	Level of acceptable impact will depend on results of ground survey. Impact levels can be re-evaluated pending these results.	Collection of old mines in SW Edmonton along Whitemud Creek could be interpreted in one rest area with interpretive kiosk.
White Star Coal Co. Ltd.	22	Low	Level of acceptable impact will depend on results of ground survey. Impact levels can be re-evaluated pending these results.	Collection of old mines in SW Edmonton along Whitemud Creek could be interpreted in one rest area with interpretive kiosk.

NAME	ID. No	IMPACT	IMPACTNOTE	INT_MEDIUM
Site name (names are not always assigned)		WH's judgment about acceptable level of impact in the site areas	Notes about level of acceptable impact	WH's suggested possible interpretation medium
Rabbit Hill United Church (original site)	23	Low to Moderate	Church no longer exists, but possibly open space at original site, on or near site of new golf course. Any new developments should be low to moderate impact due to close proximity to creek.	Trail Marker and Rest area could acknowledge the presence of Rabbit Hill School, Community Hall, (both at different sites), and Church at this site within the creek valley. Trail marker on this part of Whitemud Creek park system can acknowledge this site as original location of Rabbit Hill Church, but can also recognize the second church located near Rabbit Hill.
Ashby Farm and Elevators	24	None to Low	Level of acceptable impact will depend on results of survey. Need historical building survey to determine if structures still intact on site, and condition they are in. Under private ownership. Need coordination with owner, City, and Province to determine future site impacts.	Potential for public education about public service and Alberta politics. Trail marker within Whitemud Creek park system. Possibility to preserve historic structures on site. Suggest public education marker recognizing Mr. Ashby as a farmer/rancher and a politician. Marker must generalize location of present farm to protect current occupant's privacy.
Walker Farm	25	None to Low	Level of acceptable impact will depend on results of ground survey. Impact levels can be re-evaluated pending these results.	Trail Marker and view point.
Pilgrimage campsite and potential pre-contact archaeology sites	26	None to Low	Low impact for this area because it is a natural park space within Blackmud Creek area, and could contain an archaeological site relating to annual pilgrimage.	Trail Marker and rest area
Big Island Coal Company Mine	27	Low	Level of acceptable impact will depend on results of ground survey. Impact levels can be re-evaluated pending these results.	Collection of old mines in SW Edmonton along Whitemud Creek could be interpreted in one rest area with interpretive kiosk.
Samuel Adam Blacksmith Shop and Farm	28	High	High impact appears to already have occurred on site. Low impact marker in Creek trail system is recommended.	Trail marker along Blackmud Creek, could consist of public interest information along park trail acknowledging early small farm industries.

NAME	ID. No	IMPACT	IMPACTNOTE	INT_MEDIUM
Site name (names are not always assigned)		WH's judgment about acceptable level of impact in the site areas	Notes about level of acceptable impact	WH's suggested possible interpretation medium
Big Island Ferry Crossing	29	Low	Low impact recommended for area because of close proximity to river, fragility of any remains of ferry landing.	Trail marker and signage, possibly preserving remains of landing.
Whitemud School	30	Low to Moderate	Low to Moderate impact recommended due to apparently low levels of disturbance of sites, and moderate historical significance of buildings.	Trail marker on Whitemud Creek park system for recognition of rural school in SW Edmonton (Whitemud School). Although schools may not have been located directly within ROG boundary, school building sites are very close to ROG boundary and could be interpreted within Whitemud Creek natural trail areas. Sites do not appear to be disturbed by urban development.
New Pacalta #1	31	Low to Moderate	Level of acceptable impact will depend on results of ground survey. Impact levels can be evaluated pending these results.	Public education opportunity on oil and gas exploration in Edmonton area. Suggest rest area and marker within park system.
Hiller Pumphouse	32	Indeterminate	Extent of impact indeterminate until site is examined and occupants / owners of site are contacted.	Potential for public education about unique farm and farmer in south Edmonton. Potential to create a trail marker in park area to commemorate Jonathan Hiller, with present landowner's permission. Marker must be careful to generalize location of pumphouse if it still exists, to protect privacy of present landowner. Trail Marker could be located in park area at south end of SW ROG
Whitemud Road landslide site (Contemp.)	33	Low	No impact or very limited impact should be planned for the actual site area. Impact relating to site would be in location across the river.	Trail marker and possible viewing scope along river valley trail across the river from landslide site, in park area. May need to contact home owners next to the site regarding privacy concerns.
Maha Ganapathy Society of Alberta (Contemp.)	34	None to Low	Maha Ganapathy Society will determine impacts.	Trail marker along Blackmud Creek near temple to recognize Hindu religion in Edmonton, as well as any other relevant themes.



## Narrative Summary: Historic Sites

The numerous archaeological sites within the Ribbon of Green study areas are testament to the thousands of years that ancestral Indigenous groups occupied the North Saskatchewan River Valley and adjacent lands in what is now known as the Edmonton area. These occupants used the river as a travel corridor and resource base. Trade activities, camping, fishing, and hunting animals such as bison took place along the North Saskatchewan and its tributaries, including Whitemud and Blackmud Creeks, the English names of which are translations of Cree names wapitanisk and kas-ki-te-oo asiski, respectively.

Further research is needed in order to more completely document the presence of Métis people within the Ribbon of Green footprint. However, there is a history of the Métis in the wider Edmonton region; for example, the Métis river lots along the Sturgeon River in St. Albert, Fort Saskatchewan, and Edmonton Settlement. These people also had considerable connections with Lac St. Anne, a spiritual site located about 70 kilometres (km) northwest of Edmonton, and likely also with more distant Métis communities, such as Buffalo Lake. A probable example of a site related to Métis activity within the Ribbon of Green footprint is Walker farm, which was a stopping house on Blackmud Creek that likely hosted Catholic pilgrims, including Métis travellers, en route to and from Lac St. Anne. Further research and interviews with Métis descendants of the area may help to unearth more of the Métis history of the region.

Early contact with Europeans took place along the North Saskatchewan River, and there are rumours of a camp where early Hudson Bay explorer Anthony Henday and his crew stopped to rest and build canoes before embarking on a rigorous voyage down the River eastward to York Factory on Hudson's Bay. In the most northerly part of the Ribbon of Green is a site where Fort Edmonton pastured their prized horses used in the all-important pack brigade to Jasper and the Rocky Mountains. This site was known by the fur traders as Horse Hill, and was a preferred camping site for explorers and surveyors travelling to or leaving Fort Edmonton. Currently known as the Horse Hills community in the northeastern portion of the ROG footprint (Study Area 2), old barns dating to this era still remain scattered across the countryside, which also hosts numerous market gardens and berry farms, including a farm on a family homestead that dates to the 1880's.

The Edmonton region and North Saskatchewan River were important foci for trade prior to the arrival of Europeans in what is now Canada and continued to be important throughout the historic fur trade era, from at least the early 1700s, when French trade goods made their way into the west via Iroquoian and Cree canoe brigades. Ancestral Indigenous tribes from the north and south gathered on the river and traded beaver pelts, buffalo meat, hides, and pemmican for the guns, ammunition, kettles, knives, and hatchets that the Cree and Iroquoian brigades brought from York Factory in the east. The Métis people (generally, a Nation arising from marriages between French-Canadian or Scottish-Canadian men and Indigenous women [predominantly Cree, Ojibwa, or Saulteaux]) were also active in trade activity and the settlement of western Canada beginning in this early fur trade period.

Locations along the North Saskatchewan where Indigenous trade activity was already taking place were chosen by Euro-Canadian trade companies as good locations for their trading posts. An example is the Hudson's Bay Company (HBC), which established a fur trade post close to present-day Fort Saskatchewan. Further, the construction of Fort Edmonton on the current site of the provincial legislature grounds and the Indigenous camps that were built around the Fort reflect the close social and economic relationships of Indigenous communities with the HBC. Many Indigenous people were employed by the HBC to provide the fort with goods and services, including country food and leather clothing. The close relationship between English-speaking fur traders and Indigenous labourers and hunters (most of whom were Cree in the Edmonton area) lasted from 1830 to about 1880.

With the implementation of the Indian Act (1876) and its subsequent amendments (e.g. the compulsory attendance in Residential Schools [1884] and requirement to obtain permission from the Indian Agent in order to leave a reserve [1885]), many things changed for the Indigenous inhabitants of the Edmonton area. With the decimation of the buffalo, which was the major food source, starvation was imminent, and the Canadian government decided to move Indigenous groups onto designated locations where they could work the land and raise animals instead of hunting them. Treaties between the Crown of Canada and recognized Indigenous groups were established across the country, and four "Indian Reserves" were established in the Edmonton region. Euro-Canadian settlers were encouraged to claim homesteads and purchase large portions of land that was traditionally the territory of local Indigenous groups.

Two Indian Reserves border the main riverine systems in the southwestern study area (Study Area 1) of the Ribbon of Green. These are the Enoch Reserve, originally called the Stony Plain Reserve, which was bounded on its east side by the North Saskatchewan River north of Big Island, and located south of the oxbow bend in the river at Cameron Heights. This portion was surrendered to the government in 1908. Further east was the Papaschase Reserve, through which flowed Blackmud Creek. This reserve is associated with a cemetery, which was observed many years ago along Blackmud Creek, but the physical remains of which have since been difficult to relocate due to the impacts of rapid urban development. It is recommended that sensitive recognition of both of these Indian Reserves, including the Papaschase cemetery, be considered. This should involve engagement, coordination and planning with local Indigenous groups, to recognize and honour the history of local groups and of those interred in the cemetery.

During the late 1800s and early 1900s, the Euro-Canadian influence on the Edmonton region was significant. Land was newly available for development, and dirt roads and railroads were built, river ferries were put in operation, steamboats plied the river with amusement-seeking passengers, and new industries became established. Logging, lumber mills, brick-making, gold dredging, agriculture, and coal mining were the primary industries that developed within and adjacent to the North Saskatchewan River valley. The river valley continued to be a primary resource for these new inhabitants of the Edmonton area, providing a plentiful and clean supply of water, as well as prime lumber stands, clay for brick-making, and near-surface coal seams.

The homestead era followed the fur trade period, and the remains of several farms are present along the river valley. These farms represent the history of Euro-Canadian settlers arriving from eastern Canada, Manitoba, and the United Kingdom. As the settlers travelled west, river lots were surveyed in the French style along the North Saskatchewan River at Fort Saskatchewan River and at Edmonton Settlement. No river lots dating to this period are known to have been surveyed in the northeastern or southwestern portions of the ROG (Study areas 2 and 1, respectively), but many homesteads were taken up after the Dominion Land Survey established legal boundaries in the 1880s.

The remains of homesteads and farms sites that reside within the ROG footprint are physical reminders of the determination, every day hard work, ingenuity, and tragedy of Euro-Canadian settler life. For example, the Henderson farm exemplifies the diversity of mixed farming in this area, as it included dairy and beekeeping operations as well as grain farming. It is on this farm that the famed round barn, now restored at Fort Edmonton Park, was first built. The Henderson family represents the earliest days of Edmonton's settlement history, and they had connections to the Riel Rebellion and the Klondike Gold Rush.

The former lands of the Walker farm are host to old cart trails that commemorate the civil relations between Euro-Canadian settlers and Indigenous groups, who traveled over their former lands to return to spiritual places across the river. These trails are testament to the strength and determination of Indigenous populations, and the mutual respect and empathy that these groups had for each other and for Euro-Canadians, despite the often socially disruptive policies of the Government of Canada. The Walker family also ran a stopping house, where travellers coming through the old trails would rest on their way north (e.g. to Lac St. Anne).

Additional farm sites within the ROG are reminders of the ingenuity, entrepreneurial skills, and political careers of local farmers, such as the blacksmith shop on the Samuel Adam farm, and the water pump house on the Jonathan Hiller farm. From the 1920s, the Ashby farm belonged to a federal member of parliament who established the Treasury Branch of Alberta.

Numerous coal mines, which represent a large sector of the early industrial history of the Edmonton region, are present along the creeks within the southwestern portion and the southern end of the northeastern portion of the ROG. Many more mines were present than those identified in this report, which focused on the larger, longer-lasting, and named mines. For a complete history of coal mines in the Edmonton region, see the Alberta Energy Regulator's (2015) Coal Mine Atlas, which contains a thorough collection of information on all coal mines in Alberta.

There are steamboat landings in both the northeast and southwest portions of the ROG where dry river flats developed; these proved to be attractive places for recreation and industry. For example, in the northeastern study area, Pointe La Pie was the site of a sawmill, as well as a steamboat landing used for recreational and industrial purposes. In the southwestern study area, Big Island, which is now a river flat, was a location for logging, gold dredging, and coal mining.

It was also famous as a steamboat excursion landing and picnic site. Recreational history is well represented within the southwestern portion of the ROG, as it is associated with activities such as downhill skiing and golfing. Additionally, annual community picnics and games were held at the confluence of the Whitemud and Blackmud Creeks.

One Provincially protected historic building is present on the banks of the North Saskatchewan, within the southwestern portion of the ROG, near the Donsdale community. In the mid-1950s, Jean Louise Wallbridge and Mary Louise Imrie established the first female-run architectural firm in Canada from this house, which they designed themselves. The two women lived here and operated their own two-person architectural firm. It is now home to the Land Stewardship of Canada, a non-profit organization. This site could be highlighted to honour the memory of two trailblazing Edmonton-area women, as well as to shine a light on the architectural profession in Edmonton.

The Holy Redeemer College and cemetery represent additional significant cultural structures within the southwestern portion of the ROG. This was the site of a minor seminary for Catholic noviciates, offering high school and first year arts programs. A 20-foot statue of Christ the Teacher was erected here in 1960 when the seminary was built, but has since been moved twice, the first time to St. Albert in 1972. This college was also home to a collection of beautiful and treasured ecclesiastical art, but since the closing of the college, this collection has been dispersed to different institutions. The college had its own cemetery, but the interments were removed in 1974 to the Holy Cross cemetery. Since 2013, the college buildings have been used by the Alberta Government as a Justice Staff Training Centre.

The Whitemud school sites within the ROG represent educational history in the Edmonton area. A space within the ROG park system could be dedicated to remembering the rural schools of the area, such as the Whitemud and Otokwan schools, where many Edmonton-area citizens received their early education.

The Ribbon of Green southwestern study area was also home to a prison farm from 1913 to 1916, where the City of Edmonton sent low-risk inmates serving short sentences to work. There, the inmates tended animals and grew produce for the use of the prison and other Edmonton municipal facilities such as hospitals. This farm was located on the east bank of the North Saskatchewan River and occupied 414 acres.

Edmonton, in its relationship with the North Saskatchewan River, has a dynamic history. The people who came here left an indelible record of courage, creativity, ingenuity, determination, and cooperation. They made their marks on the land, some more subtle, others with more permanence. The Indigenous inhabitants left remains of their camping and hunting sites, which are now represented by the numerous archaeological sites, records of hunting and gathering life.

The first inhabitants of the Treaty 6 land in which Edmonton is now located also have a history with the Métis and with the relatively recent Euro-Canadian settlement in the area, and a recognition of their negotiations and struggles are represented physically within the ROG where the Papaschase and Stony Plain Reserves used to be.

Settlers operated farms or extracted resources such as coal and gold, or worked on the land harvesting timber and grain. The ROG study area represents all these endeavours and relationships. There are unusual sites which are unique to the ROG, such as a prison farm, or the first all-female architectural office in Canada, and there are sites which dig deep into the building of Canada and Alberta, such as the Henderson farm where Mr. Henderson was a player in the Riel Rebellion and the Klondike Gold Rush.

The Northeast and Southwest sections of the ROG are areas that are rich in history, with many sites that document the human history of the Edmonton area. There is potential for dynamic, interesting, and interactive interpretation and recognition points within the ROG, in the form of walking, biking, and interpretive trails, and there is potential to incorporate the rich history of the Edmonton area into future plans or structures.

# CONCLUSIONS AND RECOMMENDATIONS

Western Heritage's desktop assessment documented the presence of abundant known archaeological and historical resources within the Ribbon of Green footprint and buffer zone. Unknown archaeological resources were estimated based on evaluations of the potential of landforms to contain such resources and many areas of high potential were documented within the footprint and buffer (see accompanying geodatabase for details). Recommendations for management, interpretation, and/or acceptable level of impact for each known site or area of potential was assigned and noted in the data tables presented in this report and in the accompanying geodatabase. It is also recommended that the City provide meaningful opportunities for engagement when projects intersect with Indigenous interests and concerns.

The recommendations and comments presented in this report are those of the authors and are subject to evaluation by Historic Resources Management Branch (HRMB) archaeologists at Alberta Culture and Tourism (ACT). Despite Western Heritage's thorough desktop overview, fortuitous discovery of historic resources may occur during the construction phase of any proposed development within any portion of the ROG footprint or buffer zone. In these cases, the discovery of historic resources should be reported immediately to ACT and the City of Edmonton's Indigenous Relations Office, to determine strategies for on-site assessment. In the event that human remains or suspected human remains are encountered, the local RCMP detachment must be contacted immediately, in addition to the City of Edmonton's Indigenous Relations Office.

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