

2018

2018 Goldwedge Mines Inc. Licence of Occupation – Management Plan



Goldwedge Mines Inc.

March 2018

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1. BACKGROUND

1.1. PROJECT OVERVIEW

The following Management Plan is part of Goldwedge Mines Inc. (Goldwedge) application for a Licence of Occupation for Crown Land adjacent to Mine Lease #301579. The Licence of Occupation is needed to support mineral exploration activities authorized under Goldwedge's mineral exploration permit (MX-1-935) and Environmental Management Act (EMA) Waste Discharge Approval 108932.

The Goldwedge Mine is a privately held mine located in the Northern Boundary Range of the Coast Mountains, approximately 70 kilometers north of Stewart, BC (Figure 1 and Figure 2). The property is above treeline and situated on the west aspect of Brucejack Peak at approximately 1,525 masl (metres above sea level). Surrounded by both the Sulphurets Glacier to the south and west and the Snowfields Glacier to the north and east, the area is heavily glaciated. The Goldwedge property is adjacent to the Brucejack Gold Mine which is currently in operations. The two properties are connected via a tote road and the Brucejack Mine has road access via Special Use Permit Authorization S14912 and SUP 25343.

The Goldwedge Mine was developed in the late 1980s as an underground gold mine. The previous owner, Catear Resources, had intended to operate the mine at a rate of up to 140 tonnes per day with on-site processing of ore and storage of mine waste (rock and tailings) in Goldpan Lake. Catear Resources constructed mine infrastructure including a mill, camp, ancillary facilities and approximately 300 m of underground workings in the form a spiral decline. Catear Resources initiated a bulk sample (up to 10,000 tonnes of ore) and processed approximately 3,000 tonnes of ore and deposited about the same amount of tailings in Goldpan Lake before shutting the Goldwedge Mine down.

Under MX-1-935, Goldwedge has undertaken various exploration activities and site remediation work. In 2017, Goldwedge dewatered the Mine under EMA Waste Discharge Approval 108932. For 2018, Goldwedge intends to again dewater the Mine via a water discharge system to Goldpan Lake. The 2018 dewatering plan requires that Approval 108932 be amended so that Goldwedge can relocate the water discharge system off the Mine Lease and release mine water to a new location (Goldpan Lake). Figure 3 presents the area of the Licence of Occupation.

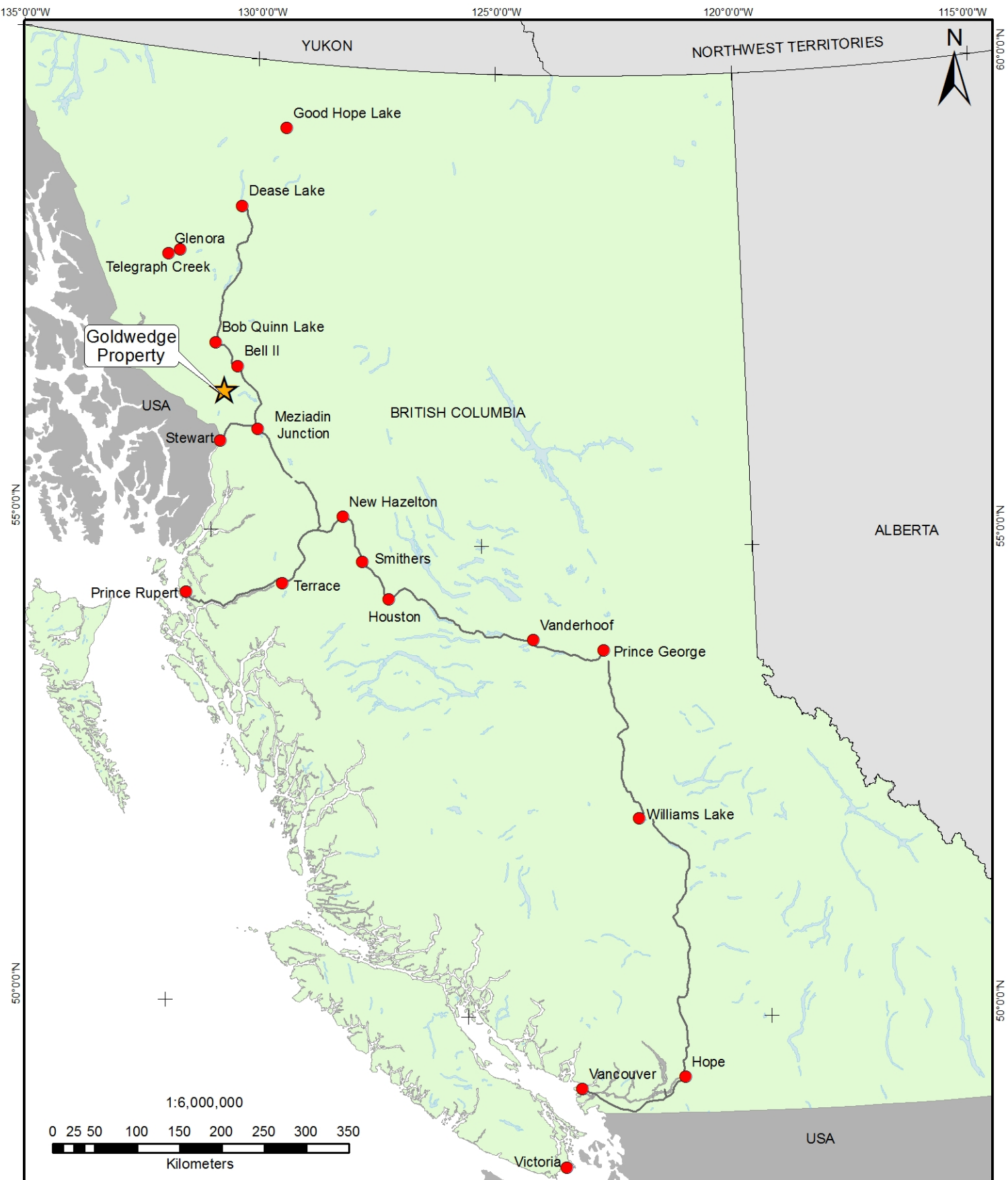
1.2. AUTHORIZATIONS, PERMITS OR APPROVALS

Goldwedge holds the following permits and approvals for the Goldwedge Mine and associated mineral exploration activity:

- Mine Lease 301579
- Mineral Exploration Activities and Reclamation Permit MX-1-935



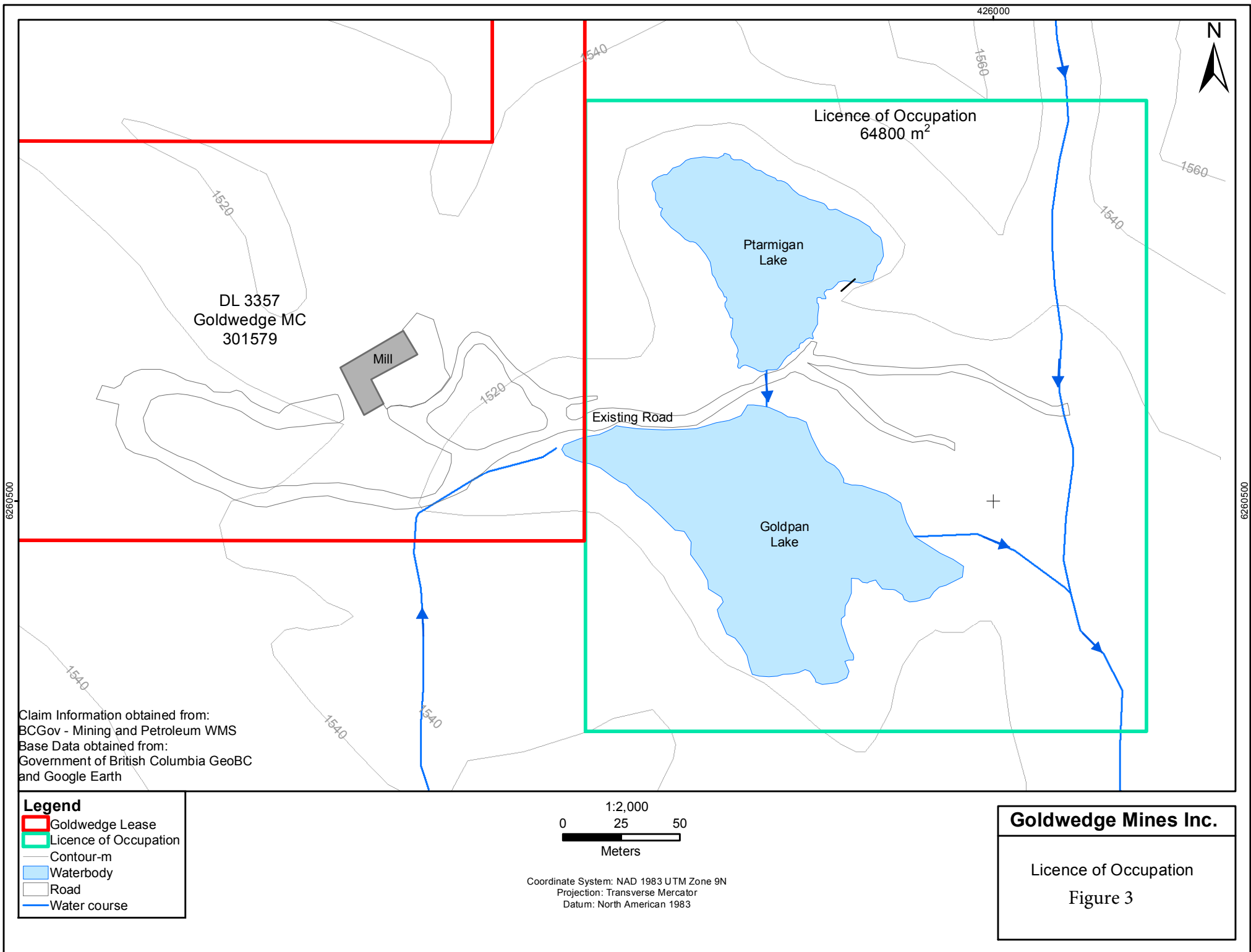
- Environmental Management Act (EMA) Waste Discharge Approval 108932



Goldwedge Mines Inc.

Figure 1.
Goldwedge Mine
General Location

Coordinate System: NAD 1983 CSRS UTM Zone 10N
Projection: Transverse Mercator
Datum: North American 1983 CSRS



1.3. FIRST NATIONS

As part of the Notice of Work application process for MX-1-935, the following First Nations have been previously notified of mineral exploration activity:

- Nisga'a Nation
- Tahltan Nation
- Skii km Lax ha

1.4. PROPONENT INFORMATION

Goldwedge is a private mining company focused on advancing the Goldwedge Mine. Goldwedge mailing and legal address is in Vancouver, British Columbia. John Dupuis is the Operations Director and the main point of contact with government and First Nations and also serves as the designated Mine Manager unless the Ministry is otherwise notified:

John Dupuis, Operations Director
Goldwedge Mines Inc.
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Vancouver, BC
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2. LOCATION

2.1. GENERAL DESCRIPTION

The Goldwedge Mine is located approximately 70 kilometers north of Stewart, BC (Figure 1). The Goldwedge Mine is approximately 2 km northwest of Brucejack Gold Mine which is currently in operations. The two properties are connected via a tote road and the Brucejack Project has road access via Special Use Permit Authorization S14912 and SUP 25343. Goldwedge has had initial discussions with the owner of the Brucejack Project, Pretium Resources Inc., with respect to use of the existing road from Highway 37 to the Brucejack Property. Goldwedge has reengaged Pretium with respect to the use of the access road. Goldwedge will continue to access the property via helicopter until ground access is available.

2.2. LOCATION JUSTIFICATION

The Portal to the Goldwedge Mine drains by gravity into Goldpan Lake and has done so since the Mine shut down in the late 1980s. Goldwedge intends to occupy Crown Land immediately adjacent to Mine Lease 301579 to set up a dewatering system (equipment and infrastructure) to allow for the controlled release of mine water from Goldwedge Mine to Goldpan Lake. Goldwedge's current Waste Discharge Approval 108932

is currently in the amendment process to allow for the discharge of mine water into Goldpan Lake. Currently, the Approval allowed for mine water to be pumped out of the Goldpan drainage into a small gulley to the northwest of the Mine. Goldwedge is seeking this Licence of Occupation and an amendment to Approval 108932 to simplify the dewatering process and allow for dewater during winter conditions.

2.3. SEASONAL EXPECTATIONS OF USE

Goldwedge intends to commence site activities and occupy the Crown Land in Q2 2018 and will continue to occupy the land for the duration of the Licence of the Occupation.

3. INFRASTRUCTURE

3.1. NEW FACILITIES OR INFRASTRUCTURE

Within the area to be occupied, Goldwedge will construct a temporary water holding pond and or ponds to assist with water management prior to release to Goldpan Lake. Goldwedge will also have supplies and reagents that may be used to support the dewatering program. Hoses and pipes will also be used to convey water from the Portal to holding ponds and to Goldpan Lake. Figure 3 presents the area of the Licence of Occupation.

Goldwedge may construct up to two wood-framed tents to house equipment and supplies.

3.2. ACCESS

The area is accessed via existing exploration trails that connect the Mine Lease and the area to be occupied. The area is also accessible via a tote road originating from the Brucejack Mine. Brucejack Mine is accessed via an ice road and Forest Service Roads that connect with a provincial highway.

3.3. UTILITIES REQUIREMENTS AND SOURCES

Equipment requiring a power supply will be powered by a small diesel generator located on the Mine Lease. Structures (up to two wood-framed tents) may be equipped with small diesel powered heaters if conditions warrant.

3.4. WATER SUPPLY

Goldwedge will not require a source of water for use within the area of this Crown Land application.

3.5. WASTE COLLECTION, TREATMENT AND DISPOSAL

Domestic and industrial waste from camp and exploration activities will not be stored or disposed of within the area to be occupied. All domestic and industrial waste will be stored on the Mine Lease.



Sediment collected within the holding ponds will be stored on the Mine Lease prior to relinquishing the Licence of Occupation.

4. ENVIRONMENTAL

Goldwedge anticipates no environmental effects to the Crown Land to be occupied:

- Vegetation Removal – no removal of vegetation
- Soil Disturbance – no soil disturbance
- Riparian Encroachment – no removal of riparian vegetation.
- Pesticides & Herbicides- no use of pesticides or herbicides
- Visual Impacts – structures to be established on the area to be occupied may be visible by people working at Brucejack Mine.
- Archaeological Sites – Goldwedge understands that heritage resources are protected under the BC Heritage Conservation Act (1996) (HCA). Goldwedge has reviewed the HCA and the Brucejack Gold Mine Environmental Assessment application (Chapter 22 and 29 and Appendix 22-A and 22-B) to gain a better understanding of the archaeological potential of the area and within the limits of the Goldwedge Property as well as mitigation and management options. The archaeological investigations undertaken to support the Brucejack Gold Mine identified nine archaeological sites and two prehistoric archaeological sites in the regional area of the land to be occupied. Goldwedge employees and contractors will be made aware of the archaeological potential of the area during the work training and orientation process. In addition, Goldwedge has developed an Archaeology Chance Find Procedure for employees and contractors. A copy of the Archaeology Chance Find Procedure will be posted at site and made available in hard copy.
- Construction Methods/Materials – Goldwedge intends to construct semi-temporary water holding ponds made of wood and geotextile. As well as wood-framed tent structures.
- Sound, Odor, Gas or Fuel Emissions – little to no sound, odor, gas or fuel emissions are anticipated
- Tenuring of Aquatic Lands – the Crown Land to be occupied includes a portion of Goldpan Lake to support the discharge pipe. Goldpan Lake is non-fish bearing and was used in the late 1980s as a tailings storage facility. Water from the Mine currently drains into Goldpan Lake.
- Fish & Wildlife Habitat – Goldpan Lake and water courses as far downstream of Sulphurates Glacier are non-fish bearing. The area to be occupied is of low wildlife habitat quality and is previously disturbed by historic mining activity.

5. SOCIO-COMMUNITY

Land Use – it is Goldwedge’s understanding that the Crown Land to be occupied overlaps with mineral claim(s) held by Pretium Resources.

Socio-Community Conditions, Adjacent Users or Communities – outside of the land in question being held



under a mineral claim, Goldwedge is not aware of any socio-community use of the land or surrounding area.

Existing Services – there are no services on the Crown Land to be occupied.