



Jonesville Shooting Park Feasibility Study

May 27, 2026

PND Project No. 251100

PREPARED FOR:



Matanuska Susitna Borough

PREPARED BY:



ENGINEERS, INC.

PND ENGINEERS, INC.

1506 West 36th Ave
Anchorage, AK 99503

PREPARED BY

Conrad Smith, P.E.
Michael Gemmell, P.E.

May 27, 2026
Project No. 251100

CLIENT REPRESENTATIVE

Don Gibbs
Project Manager
Matanuska-Susitna Borough
Donald.Gibbs@matsugov.us
(907) 861-7708

PND Engineers, Inc.



Conrad Smith, P.E.
Senior Engineer



Michael Gemmell, P.E.
Senior Engineer

TABLE OF CONTENTS

ACRONYMS & ABBREVIATIONS.....	III
1. INTRODUCTION	1
1.1 BACKGROUND.....	1
1.2 FEASIBILITY RATING.....	1
2. SITE FEASIBILITY RATINGS.....	2
2.1 UNIVERSAL FEATURES.....	3
2.2 NORTHERN MINE CUTS.....	3
2.3 LOT C1M NORTH.....	6
2.4 SLIPPER LAKE WEST.....	8
2.5 SLIPPER LAKE SOUTHWEST.....	10
2.6 SLIPPER LAKE NORTH.....	12
2.7 COYOTE LAKE.....	13
3. CONCLUSION.....	15

LIST OF FIGURES

Figure 1 – Overview of Potential Locations.....	3
Figure 2 – Mine Cuts Located North of Lot C1M.....	4
Figure 3 – Potential Location in the Northern Section of Lot C1M.....	6
Figure 4 – Area to the West of Slipper Lake	8
Figure 5 – Area to the Southwest of Slipper Lake	10
Figure 6 – Area to North of Slipper Lake.....	12
Figure 7 – Coyote Lake Recreation Area.....	14

LIST OF TABLES

Table 1 – Feasibility Rating Descriptions.....	2
--	---

ACRONYMS & ABBREVIATIONS

ADF&G - Alaska Department of Fish and Game
ATV - All-terrain Vehicle
Borough - Matanuska-Susitna Borough
DEC - Department of Environmental Conservation
DNR - Department of Natural Resources
JPUA - Jonesville Public Use Area
PND - PND Engineers, Inc.

1. INTRODUCTION

The Matanuska-Susitna Borough (Borough) contracted with PND Engineers (PND) to develop a Master Plan for a portion of the Jonesville Public Use Area (JPUA), particularly the 210-acre parcel designated Township 19N Range 3E Section 16 Lot C1M (Lot C1M), which contains several potential sites and where a high volume of shooting activity is currently concentrated. Of primary importance to the Borough, was establishing a public shooting range to create a designated location for shooting and minimize unsafe shooting practices currently occurring in the JPUA. This document serves to support Master Plan development by evaluating the feasibility of establishing a shooting range in the selected parcel relative to surrounding areas within the JPUA. Additionally, this study identifies the most feasible location for constructing the shooting range within the selected parcel.

1.1 BACKGROUND

The Jonesville coal mine site, actively mined during the middle of the 20th century, is located northwest of present-day Sutton operating on the northern and eastern sides of Wishbone Hill. Following mine closure and reclamation activities, the Jonesville area became a de facto site for shooting, camping, and ATV recreation. In 1984, the area became part of the Matanuska Valley Moose Range, a unit managed by the Department of Natural Resources (DNR).

Over time, the area has experienced destructive and unsafe behavior by some users, including indiscriminate shooting, vehicle burning, and vandalism. These activities have created safety concerns that have had a negative impact on the local community, discouraging families and potential users from accessing the area. To address public safety concerns, the JPUA was established within the Moose Range by the Alaska State Legislature in 2018.

The Borough, with support from DNR, Alaska Department of Fish and Game (ADF&G) and the local community, is pursuing the establishment of a designated shooting park to facilitate and encourage safe, family-centered recreational activities for the benefit of all users and the surrounding community. The goal of this project is not to reduce or restrict the activities available within the JPUA, but rather to enable all of the allowed uses to occur in a manner that enhances the visitor experience, addresses existing safety concerns, and implements functional improvements for multi-use recreation.

1.2 FEASIBILITY RATING

This feasibility study considers six sites for the development of a shooting range in the Jonesville general area. Each potential site was evaluated for feasibility in four major criteria categories: Suitability, Safety, Cost, and Management. A descriptive breakdown of questions considered for each of these major categories follows.

SUITABILITY

Length: Is there enough length of open space, not over water, for a shooting range? How much? Can current open length be extended with earthwork/clearing?

Width: Perpendicular to the length, is there enough width to accommodate multiple shooting lanes and containment berms on both edges?

Access: What improvements and maintenance would be needed to access the proposed range location? How long?

Parking: In addition to space for the range itself, is there space for parking?

Range Construction: What earthwork effort would be involved to construct a safe range? Are there other

features that would need to be considered that would limit the construction of the site?

Sound: Would the concept layout include any natural sound reduction features?

Sun: Would the proposed length be able to have a northern bearing to avoid sun shining in the shooters' eyes?

SAFETY

Backstop: Is there a natural backstop or space to construct an adequate backstop? What is beyond the backstop that could create hazards from overshot and skips?

Side Berms: Is there a natural side containment slope or space to construct adequate side berms? What is beyond the side berms that could create hazards from overshot and skips?

COST

Range Construction Cost: Is construction expected to be cost efficient?

Opportunity Cost: What opportunities will be lost after the range is constructed? Consider coincident and adjacent areas.

MANAGEMENT

Ownership: Is the proposed location in a property designated for a public shooting range? Are there complicating ownership circumstances?

Maintenance: What physical or constructed features require maintenance?

Enforcement: Different agencies have distinct enforcement roles within the Jonesville Public Use Area, and responsibilities will be divided accordingly: Unless otherwise delegated through a management agreement or memorandum of agreement, DNR will enforce restricted uses on State-owned land only through regulation, public notice, and user education; MSB staff will focus on public education about allowable uses and coordinate notices with DNR; and the Alaska State Troopers will remain responsible for criminal law enforcement. Recognizing this, what staffing is required to enforce approved uses? Consider the current de facto shooting area in addition to the proposed area.

Feasibility, as guided by the above criteria questions, is given in the form of a color-coded rating. A description of this qualitative rating is shown below.

Table 1 – Feasibility Rating Descriptions

RATING	DESCRIPTION
Green	Near ideal conditions are feasible with minimal to minor effort
Blue	Acceptable conditions are feasible with minor to moderate effort; sacrifice of lower priorities may be required
Orange	Conditions are unacceptable and would require moderate to major effort to make acceptable; sacrifice of equal priorities may be required
Red	Conditions are unacceptable and would require extreme effort to make acceptable; sacrifice of higher priorities may be required

2. SITE FEASIBILITY RATINGS

Six locations were reviewed for feasibility. For each potential shooting range site, a description of the area is followed by ratings and brief comments on pertinent details for each criteria category. Each area is

generally indicated in Figure 1 below.

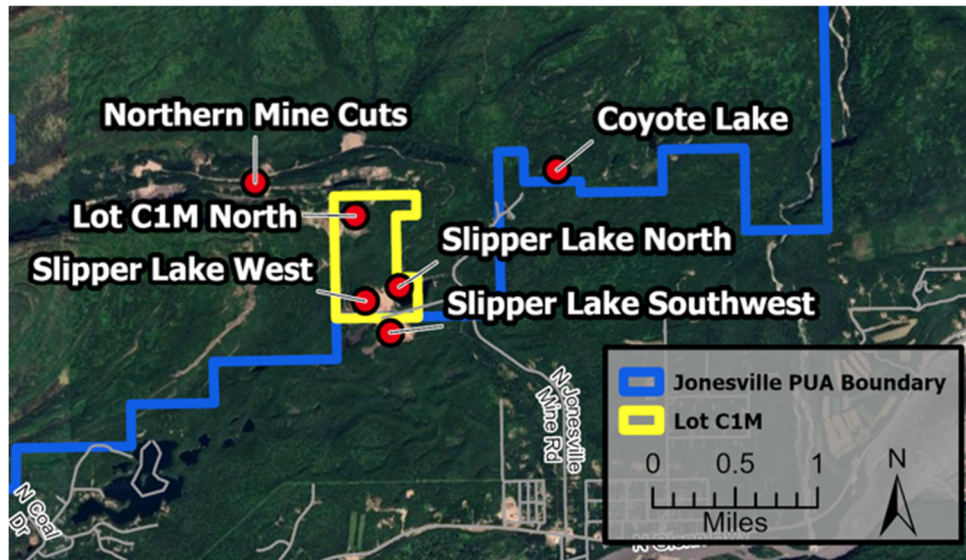


Figure 1 – Overview of Potential Locations

2.1 UNIVERSAL FEATURES

Each of the six locations considered currently experiences recreational shooting in some form. As a result, the presence of lead can be anticipated at all sites evaluated during this study. The extent of impact at each site will depend upon the concentration of lead present and is outside of the scope of this document. A soil assessment may be required to understand the level of impact at each location and the associated Department of Environmental Conservation (DEC) requirements.

For the purposes of this study, it was assumed that current recreational shooting affects all sites equally with respect to potential lead contamination. Therefore, this topic is not discussed in further detail within this document. When a final site is selected, the Alaska Department of Environmental Conservation will be consulted during the development of range construction plans to ensure compliance with all applicable state and federal environmental regulations, protecting both the public and the surrounding environment from harmful levels of lead.

2.2 NORTHERN MINE CUTS

To the north and northeast of Wishbone Hill, several mine earthwork cuts from the historic Evans Jones Mining operations are still present in the topography. While these cuts are not actively being mined, the Usibelli mine lease is still valid. Generally speaking, there are three main cuts that are oriented with their long axis in an east-west direction. The sides of the cuts have variable slopes, but a slope of 4:3 Horizontal:Vertical is common. These cuts have base widths ranging between 50 to 60 feet and depths of 40 to 150 ft. The maximum lengths of each cut range between 500 and 600 yards. These cuts could be used for either long or short ranges. Several gravel pads to the north of each cut could serve as either parking lots or short shooting ranges. A summary of the feasibility rating is shown below.

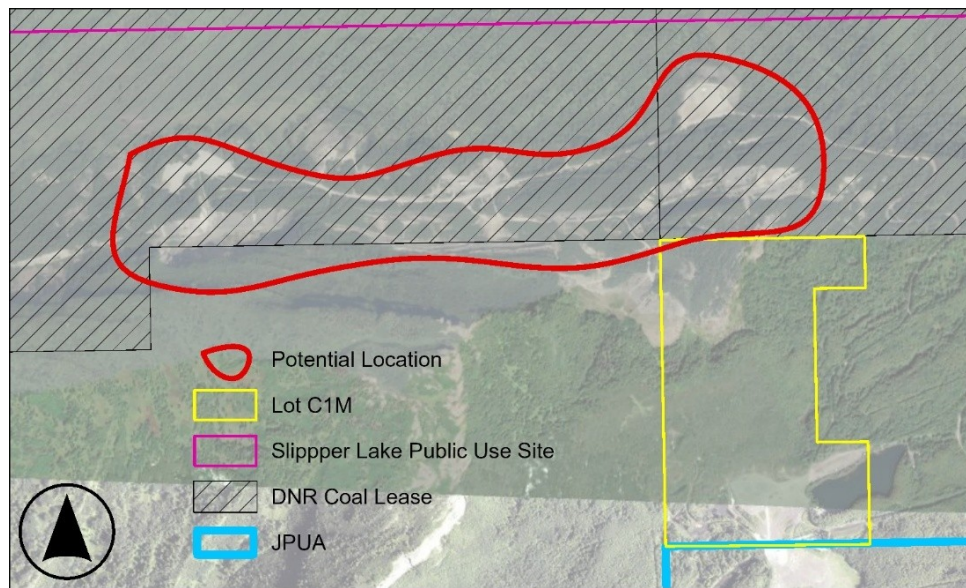


Figure 2 – Mine Cuts Located North of Lot C1M

Overall Rating: **Red**

Suitability Rating: **Blue**

Safety Rating: **Orange**

Cost Rating: **Red**

Management Rating: **Red**

2.2.1 SUITABILITY

Suitability Rating: **Blue**

- Length Rating: **Blue**
 - 25 yards to 300 yards possible with minor grading
 - up to 1000 yards is achievable with major grading
- Width Rating: **Blue**
 - Limited space for long ranges without major grading
 - Ample space for short ranges
- Access Rating: **Red**
 - Major road construction on difficult terrain is needed
 - Road length would be 2 to 3 miles long from Slipper Lake area
- Parking Rating: **Green**
 - Ample parking is available in the existing cleared space.
- Range Construction Rating: **Orange**
 - Moderate to major grading would need to occur to provide a safe range.
 - No underground mine workings are present in the proposed area.
- Sound Rating: **Green**
 - Excellent sound reduction features in cut slopes, trees, and location north of Wishbone Hill

- Sun Rating: **Blue**
 - east to west or west to east orientation is acceptable
 - Wishbone Hill and topography prevent low angle sunlight

2.2.2 SAFETY

Safety Rating: **Orange**

- Backstop Rating: **Blue**
 - Depth of cut allows for more than ample backstop
 - Only one cut could be used due to colinear orientation of existing cuts, requiring management
 - Northern orientation of short ranges could create hazards in valley to north
- Side Berms Rating: **Orange**
 - central cut does not have sufficient side berm between road, requiring significant grading or maintenance

2.2.3 COST

Cost Rating: **Red**

- Range Construction Cost Rating: **Red**
 - Major road construction on difficult terrain is needed
 - Road length would be 2 to 3 miles long from Slipper Lake area
 - Moderate to major grading would need to occur to provide a safe range
- Opportunity Cost Rating: **Orange**
 - Loss of ATV trails in area
 - Loss of mining opportunities
 - Limited use as camping area

2.2.4 MANAGEMENT

Management Rating: **Red**

- Ownership Rating: **Red**
 - In JPUA and Slipper Lake site
 - Not in Lot C1M
 - Usebelli mine lease is active in the area
- Maintenance Rating: **Red**
 - Long gravel road on steep terrain will require significant annual maintenance
 - Competition with local ATV use along the gravel road may require ongoing minor maintenance
- Enforcement Rating: **Red**
 - Distance from Jonesville Road makes enforcement challenging
 - Large size of newly accessible area north of Wishbone Hill requires significant enforcement staff time
 - Requires enforcement at existing de facto shooting range, making the enforcement area larger

2.3 LOT C1M NORTH

The northern portion of Lot C1M is heavily forested and consists of steep and terraced topography. The flattest and longest terraces are at the northern edge of the property. These terraces are approximately 100 ft deep and are oriented in a northeast to southwest direction. ATV trails are present, however, there is no road access to this area. Access would be provided by extending the existing trail to the terraced area. A summary of the feasibility rating is shown below.

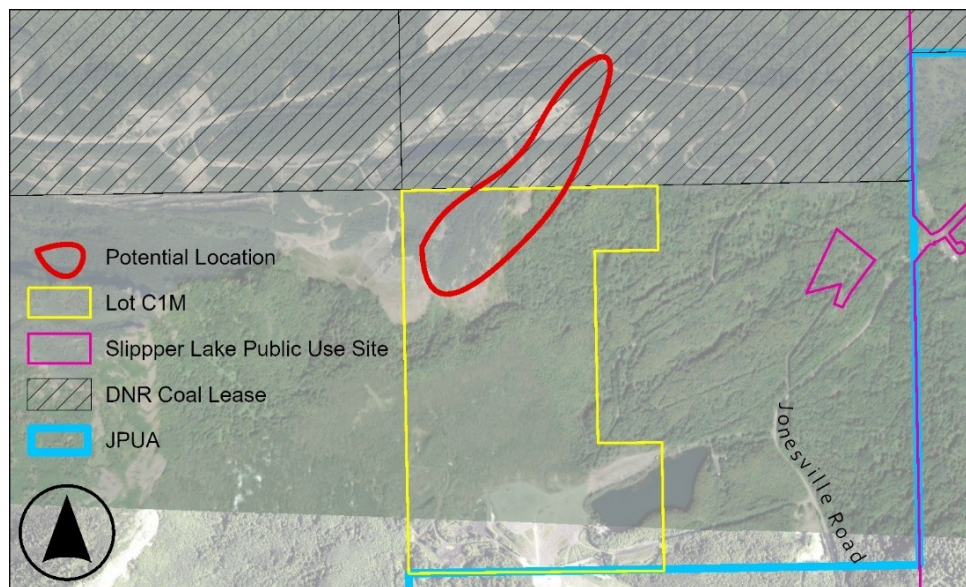


Figure 3 – Potential Location in the Northern Section of Lot C1M

Overall Rating: **Red**

Suitability Rating: **Orange**

Safety Rating: **Orange**

Cost Rating: **Red**

Management Rating: **Red**

2.3.1 SUITABILITY

Suitability Rating: **Orange**

- Length Rating: **Blue**
 - 25 yards to 300 yards possible with moderate grading
 - Ranges longer than 300 yards would require extreme grading efforts
- Width Rating: **Red**
 - limited space for short and long ranges without major grading
- Sound Rating: **Orange**
 - Elevated and exposed location offers poor sound reduction
- Access Rating: **Red**
 - Major road construction on difficult terrain is needed

- Road length would be 2 miles long from Slipper Lake area
- Parking Rating: **Red**
 - Parking nearby would be very limited
- Range Construction Rating: **Orange**
 - Moderate clearing and grading would need to occur
 - Location has the potential to encounter underground working associated with the historic Evan Jones Mining
- Sun Rating: **Blue**
 - Northeast orientation is good
 - Southwest orientation would receive direct sunlight

2.3.2 SAFETY

Safety Rating: **Orange**

- Backstop Rating: **Orange**
 - Backstop feasible with moderate grading
 - Overshot and skipping would be in direction of access and other recreation areas for a northeast orientation
- Side Berms Rating: **Blue**
 - Hillside terrace provides excellent containment on one side, but not the other

2.3.3 COST

Cost Rating: **Red**

- Range Construction Cost Rating: **Red**
 - Major road construction on difficult terrain is needed
 - Road length would be 2 to 3 miles long from Slipper Lake area
 - Moderate to major grading would need to occur to provide a safe range
- Opportunity Cost Rating: **Green**
 - Minor loss of ATV or hiking area

2.3.4 MANAGEMENT

Management Rating: **Red**

- Ownership Rating: **Blue**
 - In JPUA, Slipper Lake site, and Lot C1M
 - Requires access from outside of Lot C1M
- Maintenance Rating: **Red**
 - Long gravel road on steep terrain will require significant annual maintenance
 - Minor potential for unknown mine features associated with the underground mining to open within the range footprint after construction
- Enforcement Rating: **Red**
 - Distance from Jonesville Road makes enforcement challenging
 - Large size of newly accessible area north of Wishbone Hill requires significant enforcement staff time
 - Requires enforcement at existing de facto shooting range, making the enforcement area larger

2.4 SLIPPER LAKE WEST

The southern portion of Lot C1M is an open, de facto shooting area. It consists of mine tailings topped with 1 to 3 feet of compacted sand and gravel. Sand and gravel is a constructed cap to limit the chance of reignition of the mine tailing. The area is largely flat, the exception being a 30 ft drop in elevation on the south side of the area. It is bordered by Slipper Lake on the east, steep forested topography to the north, and induced wetlands to the west. It can be easily accessed by existing roads, north or south of Slipper Lake. A summary of the feasibility rating is shown below.

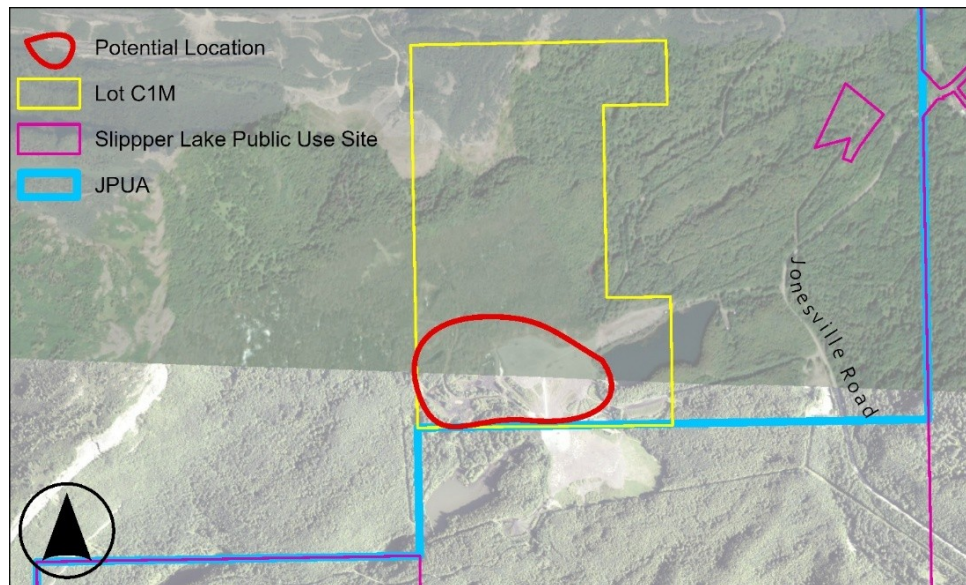


Figure 4 – Area to the West of Slipper Lake

Overall Rating: **Blue**

Suitability Rating: **Blue**

Safety Rating: **Blue**

Cost Rating: **Blue**

Management Rating: **Green**

2.4.1 SUITABILITY

Suitability Rating: **Blue**

- Length Rating: **Blue**
 - 25 yards to 300 yards possible with minor to no grading
 - Ranges 300 yards and longer would require moderate to major grading efforts
- Width Rating: **Green**
 - Space in all cardinal directions is available
- Access Rating: **Green**
 - Minor road construction on flat terrain is needed
 - Road would simply improve existing access
- Parking Rating: **Green**

- Parking nearby would be ample and abundant
- Range Construction Rating: **Blue**
 - Minor to moderate grading would need to occur
 - Construction of the range cannot remove material from the gravel cap except when replaced by another suitable material for foundation construction. Material for berm and road construction cannot be sourced from the gravel cap.
- Sound Rating: **Orange**
 - Minor topography buffers and lack of vegetation offer little sound reduction
- Sun Rating: **Blue**
 - North orientation is excellent
 - West orientation is poor

2.4.2 SAFETY

Safety Rating: **Blue**

- Backstop Rating: **Green**
 - Excellent in the northern or western orientation due to Wishbone Hill
 - Southern and eastern orientation would create safety hazards from skips and overshoot
- Side Berms Rating: **Blue**
 - Side berms would need to be provided
 - Topography is beneficial in 3 directions

2.4.3 COST

Cost Rating: **Blue**

- Range Construction Cost Rating: **Blue**
 - Minor to moderate grading would need to occur
 - Ranges 300 yards and longer would require moderate to major grading efforts
- Opportunity Cost Rating: **Green**
 - Loss of potential camping area
 - Minor loss of ATV or hiking area to north
 - Already used as de facto shooting range

2.4.4 MANAGEMENT

Management Rating: **Green**

- Ownership Rating: **Green**
 - In JPUA, Slipper Lake site, and Lot C1M
 - Requires access from outside of Lot C1M
- Maintenance Rating: **Green**
 - Minor annual maintenance
- Enforcement Rating: **Green**
 - Enforcement limited to existing recreation area
 - May require initial enforcement of the Northern Mine Cuts until use is established
 - Near Jonesville Road

2.5 SLIPPER LAKE SOUTHWEST

Southwest of Slipper Lake is a large cleared area, similar in size and composition to the area west of Slipper Lake. Sand and gravel in this area is a constructed cap to limit the chance of reignition of the mine tailing. It is bordered by forest on three sides and can be accessed by road directly south of Slipper Lake. This area is currently located outside of the legislative JPUA boundary. A summary of the feasibility rating is shown below.

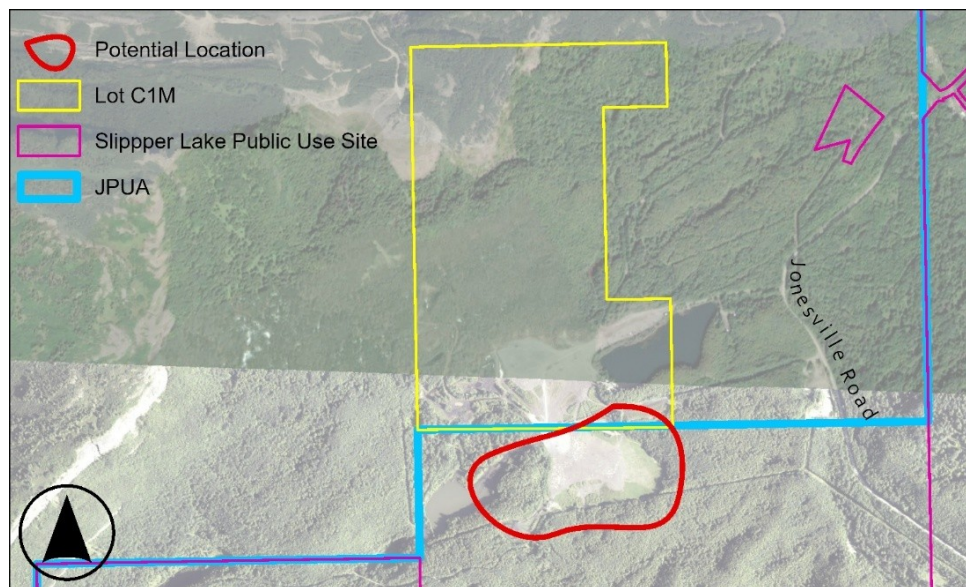


Figure 5 – Area to the Southwest of Slipper Lake

Overall Rating: **Orange**

Suitability Rating: **Green**

Safety Rating: **Orange**

Cost Rating: **Blue**

Management Rating: **Orange**

2.5.1 SUITABILITY

Suitability Rating: **Green**

- Length Rating: **Green**
 - 25 yards to 300 yards possible with minor to no grading
 - Ranges longer than 300 yards would require moderate grading and clearing efforts
- Width Rating: **Green**
 - Space in all cardinal directions is available
- Access Rating: **Green**
 - Minor road construction on flat terrain is needed
 - Road would simply improve existing access
- Parking Rating: **Green**
 - Parking nearby would be ample and abundant

- Range Construction Rating: **Blue**
 - Minor to moderate grading would need to occur
 - Construction of the range cannot remove material from the gravel cap except when replaced by another suitable material for foundation construction. Material for berm and road construction cannot be sourced from the gravel cap.
- Sound Rating: **Blue**
 - Vegetation offers some sound reduction
- Sun Rating: **Blue**
 - North orientation is excellent
 - South orientation is poor

2.5.2 SAFETY

Safety Rating: **Orange**

- Backstop Rating: **Orange**
 - Northern or western orientation would create safety hazards from skips and overshoot
 - Southern and western orientations would be good as long as surrounding forest cover remains in place and recreation in that direction is discouraged.
- Side Berms Rating: **Blue**
 - Side berms would need to be provided
 - Topography is beneficial in 3 directions

2.5.3 COST

Cost Rating: **Blue**

- Range Construction Cost Rating: **Blue**
 - Minor to moderate grading would need to occur
 - Ranges 300 yards and longer would require moderate to major grading efforts
- Opportunity Cost Rating: **Orange**
 - Loss of recreation area to immediately to the north and west
 - Already used as de facto shooting range

2.5.4 MANAGEMENT

Management Rating: **Orange**

- Ownership Rating: **Red**
 - In Slipper Lake Public Use Site
 - Not in JPUA or Lot C1M
 - Requires access from outside of Lot C1M
- Maintenance Rating: **Green**
 - Minor annual maintenance
- Enforcement Rating: **Green**
 - Enforcement limited to existing recreation area
 - Near Jonesville Road

2.6 SLIPPER LAKE NORTH

North of Slipper Lake is a de facto camping area that exists on and near an Alaska Railroad Right-of-way easement. The cleared gravel area is of a similar nature as the Slipper Lake West site and was installed to limit the reignition of the mine tailing. Fire rings currently exist for each camp site. The soils of the area consist of capped mine tailings with 1 to 3 feet of topping gravel, separated by geotextile fabric. The area is largely flat. It is bordered by Slipper Lake on the south and steep forested topography to the north. It can be accessed by road directly from Jonesville Road. A summary of the feasibility rating is shown below.

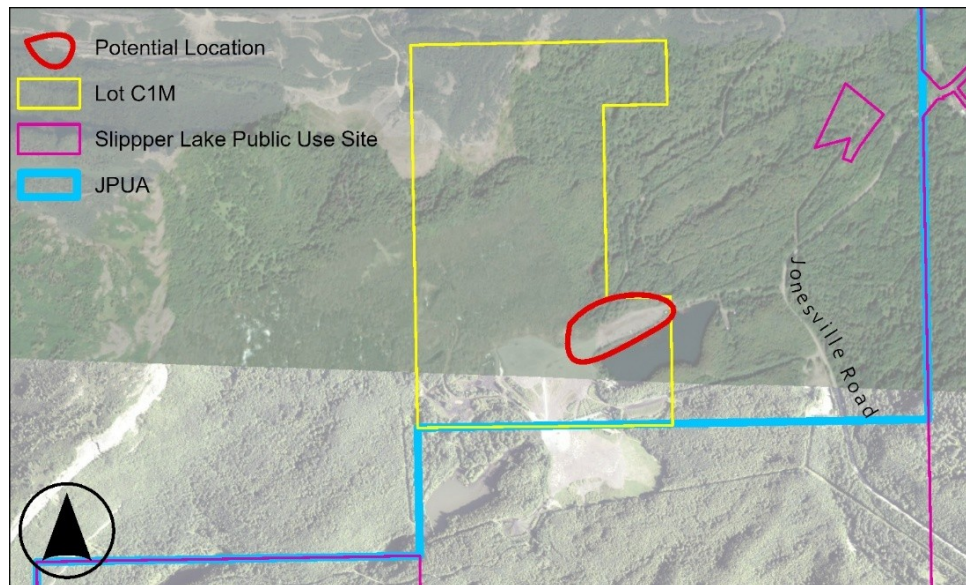


Figure 6 – Area to North of Slipper Lake

Overall Rating: **Orange**

Suitability Rating: **Orange**

Safety Rating: **Orange**

Cost Rating: **Orange**

Management Rating: **Green**

2.6.1 SUITABILITY

Suitability Rating: **Orange**

- Length Rating: **Green**
 - 25 yards to 300 yards possible with minor to no grading
 - 600 yards possible if western area included
- Width Rating: **Red**
 - Maximum width limited to less than 200 ft without substantial grading
- Access Rating: **Green**
 - Minor road construction on flat terrain is needed
 - Road would simply improve existing access
- Parking Rating: **Blue**

- Parking would conflict with space for the range
- Range Construction Rating: **Blue**
 - Minor to moderate grading would need to occur
 - Construction of the range cannot remove material from the gravel cap. Material for berm and road construction must come from offsite.
- Sound Rating: **Blue**
 - Minor topography buffers and vegetation offer minor sound reduction
- Sun Rating: **Orange**
 - East west orientation is poor

2.6.2 SAFETY

Safety Rating: **Orange**

- Backstop Rating: **Orange**
 - Western orientation acceptable, but limits use to west or is hazardous if not enforced
 - Eastern orientation would create safety hazards from skips and overshot
- Side Berms Rating: **Blue**
 - Side berms would need to be provided

2.6.3 COST

Cost Rating: **Orange**

- Range Construction Cost Rating: **Blue**
 - Minor to moderate grading would need to occur
- Opportunity Cost Rating: **Red**
 - Loss of camping area
 - Loss of use of area to the west
 - Potentially limits access to recreation opportunities to the north

2.6.4 MANAGEMENT

Management Rating: **Green**

- Ownership Rating: **Green**
 - Falls within ARRC ROW; however, ARRC has provided permission for project use
 - In JPUA, Slipper Lake site, and Lot C1M
 - Requires access from outside of Lot C1M
- Maintenance Rating: **Green**
 - Minor annual maintenance
- Enforcement Rating: **Green**
 - Enforcement limited to existing recreation area
 - Near Jonesville Road

2.7 COYOTE LAKE

To the northeast of Slipper Lake, at the end of Jonesville Road is a parcel owned by the Borough containing the Coyote Lake Recreation area. Coyote Lake was also an area of mining activity and is surrounded by earthwork cuts and cleared areas. The Borough completed a feasibility study of this site for a shooting

range in 2021. Their report was referenced in this analysis. No difference in feasibility was determined. A summary of the feasibility rating is shown below.

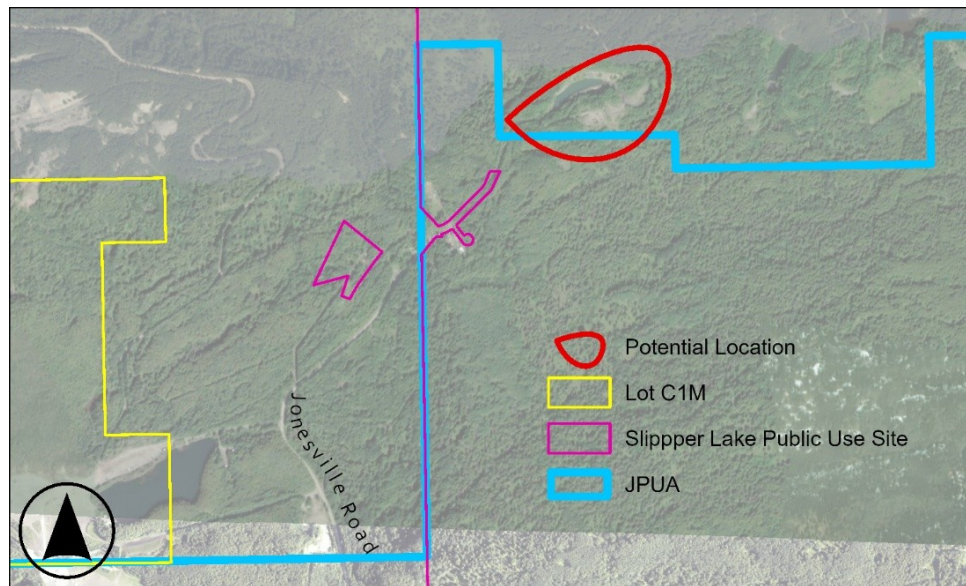


Figure 7 – Coyote Lake Recreation Area

Overall Rating: **Orange**

Suitability Rating: **Orange**

Safety Rating: **Blue**

Cost Rating: **Orange**

Management Rating: **Orange**

2.7.1 SUITABILITY

Suitability Rating: **Orange**

- Length Rating: **Blue**
 - 25 yards to 300 yards possible with minor grading
 - Longer distances would require significant grading and clearing
- Width Rating: **Red**
 - limited space for long ranges without major grading and relocation of trail easement
 - ample space for short ranges
- Access Rating: **Orange**
 - Major road construction is needed
 - Road length would be 0.5 mile long from the end of Jonesville Road
- Parking Rating: **Red**
 - Parking would be extremely limited without significant expansion
- Range Construction Rating: **Blue**
 - Moderate grading would need to occur to provide a safe range

- Sound Rating: **Green**
 - Good sound reduction features in cut slopes and trees
- Sun Rating: **Blue**
 - West to east-northeast orientation is acceptable but not ideal
 - Southern orientation is not acceptable

2.7.2 SAFETY

Safety Rating: **Blue**

- Backstop Rating: **Blue**
 - Topography and vegetation would enhance a constructed backstop
 - Hiking trail to west presents hazard from overshot
- Side Berms Rating: **Blue**
 - Side berms could be added to provide sufficient protection

2.7.3 COST

Cost Rating: **Orange**

- Range Construction Cost Rating: **Orange**
 - Major road construction is needed
- Opportunity Cost Rating: **Orange**
 - Existing hiking trail would need to be relocated

2.7.4 MANAGEMENT

Management Rating: **Orange**

- Ownership Rating: **Orange**
 - In JPUA and Coyote Lake Recreation Area
 - Parcel owned by Borough
 - Not in Slipper Lake site or Lot C1M
 - Requires coordination of use with existing trail easement
- Maintenance Rating: **Blue**
 - Gravel road on moderate terrain will require significant annual maintenance
- Enforcement Rating: **Orange**
 - Readily accessible from Jonesville Road once new road is built
 - Requires enforcement at existing de facto shooting range, making the enforcement area larger

3. CONCLUSION

A summary of the overall ratings for all six sites is shown below. Slipper Lake West stands out as the most feasible location for a shooting range.

Northern Mine Cuts	Red
Lot C1M North	Red

Slipper Lake West	Blue
Slipper Lake Southwest	Orange
Slipper Lake North	Orange
Coyote Lake	Orange

Notably, the Slipper Lake West site allows for adequate safety barriers (including natural terrain), provides enough area to establish the shooting facilities in an efficient layout, requires less construction and maintenance costs than other potential locations, requires less administrative effort to establish legal use, and requires less enforcement effort. PND recommends moving forward with the design of a shooting range within the area immediately to the west of Slipper Lake.