


PEEL WATERSHED APPROVED LAND USE PLAN CLASS 1 CONFORMITY CHECK	
YESAB Project #	Q2021-0027
Project Title:	ML Quartz Exploration
Date:	February 1, 2021
Submitted to:	Land Planning Branch, Department of Energy, Mines and Resources, Yukon Government
Completed by:	<div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> Sam Skinner Yukon Land Use Planning Council 201-307 Jarvis St Whitehorse, Yukon Y1A 2H3 1-867-667-7397 sam@planyukon.ca </div> <div style="width: 25%; text-align: center;">  YUKON LAND USE PLANNING COUNCIL </div> </div>
More information on PWLUP Conformity checks:	https://planyukon.ca/index.php/resources/planning-regions/peel/391-peel-watershed-conformity-checks
Project conforms to the Final Recommended Peel Watershed Regional Land Use Plan: (select one)	
Yes	

Background Information and Conformity Check Analysis

Affected Landscape Management Unit (LMU)(s): Map 2 and Section 5							
LM Unit #	10	LMU Name:	Richardson Mountains - South				
Zoning:	WA	Land Owner:	YG				
Landscape Disturbance Indicators: Surface Disturbance (ha):							
LMU	Cautionary Level*	Critical Level*	Current est. Level**	Project Estimate	Total Estimate	Cautionary level exceeded	Critical level exceeded
10	182.5	243.4	0	1.0	1.0	No	No
Linear Disturbance (km):							
LMU	Cautionary Level*	Critical Level*	Current est. Level**	Project Estimate	Total Estimate	Cautionary level exceeded	Critical level exceeded
10	182.5	243.4	0	4.1	4.1	No	No
<p>* Disturbance levels were not given for WA and SMAs as their management intent implied no new disturbances. However, the Plan allowed pre-existing claims to remain, implying that on-claim disturbances could be permitted. If so, disturbance levels from IMA I are applied here. These are not approved levels.</p> <p>**Current estimated disturbance levels are to be provided by the Plan Parties. As an interim measure, disturbance levels were determined from coarse LandSat-base disturbance data provided by YG. They have not been approved.</p>							

Special Management Considerations: (Section 5, LMUs)

LMU	Special Management Consideration
10	<ul style="list-style-type: none"> • N/A

Affected Values and General Management Directions (GMD): (Section 4)

Only include values identified in LMU. If no GMDs exist or are relevant, do not include in this table.

Ecological Resources:	Corresponding GMD:
<p>WILDLIFE and TERRESTRIAL HABITATS</p>	<ul style="list-style-type: none"> • Reduce size, intensity and duration of human-caused physical surface disturbances (e.g., utilize low impact seismic, winter roads and principle of full reclamation). • Avoid or reduce activities in significant wildlife habitats during important biological periods (e.g., utilize timing windows). <ul style="list-style-type: none"> ○ Avoid sensitive sheep habitats and key areas, with emphasis on winter range avoidance (see Map 3, Appendix A for locations). ○ Avoid concentrated woodland caribou use areas (see Map 3, Appendix A for locations) • Reduce other human land use-related disturbances such as noise, odours and light.
<p>HYDROLOGY and AQUATIC HABITATS</p>	<ul style="list-style-type: none"> • Minimize surface and vegetation disturbance in riparian areas. • Prohibit direct disturbance to sensitive over-wintering and spawning habitats. • Minimize stream crossings; if stream crossings are required ensure proper bridge and crossing structures are used, and are designed for ease of removal (i.e., temporary structures).
<p>Heritage, Social, Cultural Resources:</p>	<p>Corresponding GMD:</p>
	<ul style="list-style-type: none"> • Avoid or minimize land use conflicts by avoiding or reducing the level of land use activities in important subsistence harvesting and current community use areas. • Avoid or reduce activities in significant heritage and current community use areas during important seasonal use periods (e.g.,utilize timing windows). • Where impacts to identified heritage and cultural sites and resources may occur, implement the following appropriate mitigation practices. <ul style="list-style-type: none"> ○ Establish work camps associated with resource exploration and development activity near areas of resource production, and away from identified heritage routes, historic sites, and current community use areas. ○ Implement immediate stop work orders if evidence of heritage or cultural values is detected, to assess significance.

Economic Development:	Corresponding GMD:
Access (Recommended policies)	<p>13. To prevent impacts on wildlife, soil damage and land user conflicts, the use of wheeled ORVs (e.g. quads, motorbikes and Argo-like vehicles) for any purpose, should be restricted to the Hart River Trail, existing trails in areas immediately adjacent to the Dempster Highway, licensed camps, and existing facilities.</p> <p>14. In areas of allowed use, ORV use should not occur in sensitive habitats. In this Plan, sensitive habitats are defined as wetlands and alpine areas, in the spring, summer and fall.</p> <p>15. In the Conservation Area, outside of existing dispositions, new surface access should not be allowed. The construction of new roads and surface transportation features are incompatible with Conservation Area management objectives.</p> <p>18. In the Conservation Area, outside of existing dispositions, new airstrips should not be allowed. Existing airstrips and landing locations may continue to be used, however.</p>

Plan Recommended Best Management Practices:

Water	<p>Best Management Practices for Works Affecting Water in Yukon. Water Resources Branch, Yukon Environment. May 2011.</p> <p>Available online: http://www.env.gov.yk.ca/publications-maps/documents/bestpractes_water.pdf</p> <p>This document has a number of recommendations on culverts.</p>
Wildlife and fish	<ul style="list-style-type: none">• Flying in Sheep Country. How to minimize disturbance from aircraft. MPERG Report 2002-6. Available online: https://yukon.ca/sites/yukon.ca/files/env/env-flying-sheep-country.pdf• Flying in Caribou Country. How to minimize disturbance from aircraft. MPERG Report 2008-1. Available online: https://yukon.ca/sites/yukon.ca/files/env/env-flying-caribou-country.pdf• Guidelines for Industrial Activity in Bear Country. For the mineral exploration, placer mining and oil and gas industries. MPERG Report 2008-2. Available online: https://yukon.ca/sites/yukon.ca/files/env/env-guidelines-industrial-activity-bear-country.pdf
Industry	<ul style="list-style-type: none">• Yukon Mineral and Coal Exploration Best Management Practices and Regulatory Guide. Yukon Chamber of Mines. August 2010. Available online: https://www.yukonminers.org/index.php/all-docs/guidebooks/3-yukon-mineral-and-coal-exploration-best-management-practices-and-regulatory-guide/file

Additional Analysis or Comments:

- This project is not consistent with the management intent of LMU 10. However, existing claims may be respected.
- Surface access outside of claims is not permitted.
- There are no disturbance levels/thresholds specified in the plan for LMUs 10. However, if one uses the levels specified for the IMA I in the SMA, this project does not come close to exceeding them, even considering rough estimated existing disturbance levels.