


<b>PEEL WATERSHED APPROVED LAND USE PLAN CLASS 1 CONFORMITY CHECK</b>	
<b>YESAB Project #</b>	Q2021-0026
<b>Project Title:</b>	Noisy Quartz Exploration
<b>Date:</b>	February 1, 2021
<b>Submitted to:</b>	Land Planning Branch, Department of Energy, Mines and Resources, Yukon Government
<b>Completed by:</b>	<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>
<b>More information on PWLUP Conformity checks:</b>	<a href="https://planyukon.ca/index.php/resources/planning-regions/peel/391-peel-watershed-conformity-checks">https://planyukon.ca/index.php/resources/planning-regions/peel/391-peel-watershed-conformity-checks</a>
<b>Project conforms to the Final Recommended Peel Watershed Regional Land Use Plan: (select one)</b>	
<b>Yes</b>	

## Background Information and Conformity Check Analysis

<b>Affected Landscape Management Unit (LMU)(s):</b> Map 2 and Section 5							
LM Unit #	8	LMU Name:	Wind and Bonnet Plume Watersheds				
Zoning:	SMA	Land Owner:	YG				
<b>Landscape Disturbance Indicators:</b> Surface Disturbance (ha):							
LMU	Cautionary Level*	Critical Level*	Current est. Level**	Project Estimate	Total Estimate	Cautionary level exceeded	Critical level exceeded
8	1437.9	1917.2	10.1	1.2	11.3	No	No
Linear Disturbance (km):							
LMU	Cautionary Level*	Critical Level*	Current est. Level**	Project Estimate	Total Estimate	Cautionary level exceeded	Critical level exceeded
8	1437.9	1917.2	47.9	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
8	<ul style="list-style-type: none"><li>• The Wind River Trail accesses the unit from the south. Use of this trail by commercial motor vehicles other than snowmobiles is not allowed.</li><li>• The upcoming Northern Mountain Caribou Action Plan may be relevant to management of land-use activities in this unit.</li><li>• The Bonnet Plume Heritage River Management Plan provides further direction for management of land-use activities in this unit.</li></ul>

**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><b>WILDLIFE and TERRESTRIAL HABITATS</b></p>	<ul style="list-style-type: none"> <li>• Reduce size, intensity and duration of human-caused physical surface disturbances (e.g., utilize low impact seismic, winter roads and principle of full reclamation).</li> <li>• Avoid or reduce activities in significant wildlife habitats during important biological periods (e.g., utilize timing windows).                             <ul style="list-style-type: none"> <li>○ Avoid sensitive sheep habitats and key areas, with emphasis on winter range avoidance (see Map 3, Appendix A for locations).</li> <li>○ Avoid concentrated woodland caribou use areas (see Map 3, Appendix A for locations)</li> </ul> </li> <li>• Reduce other human land use-related disturbances such as noise, odours and light.</li> </ul>
<p><b>HYDROLOGY and AQUATIC HABITATS</b></p>	<ul style="list-style-type: none"> <li>• Minimize surface and vegetation disturbance in riparian areas.</li> <li>• Prohibit direct disturbance to sensitive over-wintering and spawning habitats.</li> <li>• 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).</li> </ul>
Heritage, Social, Cultural Resources:	Corresponding GMD:
	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Avoid or reduce activities in significant heritage and current community use areas during important seasonal use periods (e.g.,utilize timing windows).</li> <li>• Where impacts to identified heritage and cultural sites and resources may occur, implement the following appropriate mitigation practices.                             <ul style="list-style-type: none"> <li>○ 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.</li> <li>○ Implement immediate stop work orders if evidence of heritage or cultural values is detected, to assess significance.</li> </ul> </li> </ul>

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

### Additional Analysis or Comments:

- The dimensions of the clearings were not provided. 14x14m clearings were assumed based on other proposals current and similar.
- This project is not consistent with the management intent of LMU 8. 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 8. 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.