


PEEL WATERSHED APPROVED LAND USE PLAN CLASS 1 CONFORMITY CHECK	
YESAB Project #	Q2021-0171
Project Title:	ML Quartz Exploration
Date:	May 10, 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 #	4	LMU Name:	West Hart River				
Zoning:	WA	Land Owner:	YG				
LM Unit #	5	LMU Name:	Blackstone River				
Zoning:	IMA Zone III	Land Owner:	YG				
LM Unit #	6	LMU Name:	Hart River				
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
4	365	487	0.24	0.047		No	No
5	1346	1795	2.0			No	No
6	623	830	0.22			No	No
Linear Disturbance (km):							
LMU	Cautionary Level*	Critical Level*	Current est. Level**	Project Estimate ***	Total Estimate	Cautionary level exceeded	Critical level exceeded
4	365	487	0	0.27		No	No
5	1346	1795	6.1			No	No
6	623	830	1.1			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> <p>***The project description did not specify the location of specific activities. The proposes activities therefor could be in one or all three of the LMUs</p>							

Special Management Considerations: (Section 5, LMUs)	
LMU	Special Management Consideration
4	<ul style="list-style-type: none"> N/A
5	<ul style="list-style-type: none"> Major River Corridor management directions apply along the Ogilvie and Blackstone Rivers. Dempster Corridor management directions apply near the Dempster Highway. <p>[These SMDs are unlikely to apply to this project – assuming the work will not occur at the western edge of the claim block]</p>
6	<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:
WILDLIFE and TERRESTRIAL HABITATS	<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.
HYDROLOGY and AQUATIC HABITATS	<ul style="list-style-type: none"> Minimize surface and vegetation disturbance in riparian areas.

Heritage, Social, Cultural Resources:	Corresponding GMD:
	<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)	N/A

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 LMUs 4 and 6. However, existing claims may be respected.
- There are no disturbance levels/thresholds specified in the plan for LMUs 4 and 6. 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.