



Mayo Mining District
Box 10 (K-MA)
Mayo, YT, Y0B 1M0

May 11, 2024

Q2024_0038
By Email

Fireweed Metals Corp.
Suite 1020, 800 West Pender St
Vancouver, Canada, V6C 2V6
pamela@fireweedmetals.com

Dear Pamela O'Hara,

Re: Class 1 Notification Q2024_0038 - Macpass Allowed with additional terms and conditions.

This letter is to inform you that your Class 1 Notification Q2024_0038 is valid as of June 26, 2024.

Your Class 1 Notification and proposed work program (June 26, 2024 - October 01, 2024) is allowed to proceed with the following terms and conditions:

1. The Proponent shall avoid exploration and exploration related activities in wetlands, if avoidance is not possible, the Proponent shall minimize disturbance to wetlands.
2. All reclamation must be completed prior to the end of the work program date identified in this Class 1 notification, including but not limited to: closure of all test pits, trenches, hand shafts, removal of camps, etc. Reclamation must be completed to the standards listed in the Operating Conditions, Schedule 1 of the Placer Mining Land Use Regulation/Quartz Mining Land Use Regulation. In areas where wetlands have been disturbed, reclamation shall be done in a manner that supports the return

of wetland benefits to those areas.

3. The notification area overlaps with outfitting concession 9 (Deuling Stone Outfitters) and may overlap with other users, such as recreational tour guide companies. You are encouraged to communicate plans and timing of activities to other land and resource users that may be affected by the proposed notification activities (e.g. trapper, outfitter, Wilderness Tourism Association of Yukon, etc.). This should be completed as soon as practicable and prior to the commencement of notification activities to identify potential land use conflicts that may negatively effect other land users. The Proponent shall make best efforts to resolve these potential conflicts.
4. Please note, Schedule 1 Operating Condition #39 "All reasonable care must be taken in carrying out exploration activities near or adjacent to a water body to prevent sediment from entering a water body, unless otherwise permitted by law.
5. You are reminded of Schedule 1 Operating Condition #17 which states: "A spill contingency plan for petroleum products and other hazardous substances must be prepared and posted in the camp and at all fuel handling locations used in carrying out the operation."
6. Since claims will be accessed by air, the operator shall review and follow applicable best management practices outlined in the publication "Flying in Caribou Country" (<https://yukon.ca/en/flying-caribou-country>) and "Flying in Sheep Country" (<https://yukon.ca/sites/yukon.ca/files/env/env-flying-sheep-country.pdf>).
7. Drill holes shall be decommissioned and backfilled or plugged to avoid wildlife entrapment.
8. If active bird nests are discovered, project activities shall be postponed in the nesting area until nesting is complete. Refer to avoidance measures link: <https://www.ceaa-acee.gc.ca/050/documents/p80054/121249E.pdf>
9. The operator shall store all attractants, including garbage, kitchen waste and strained solids from grey water in a container that prevents access by bears and other wildlife, until properly disposed of according to the Solid Waste Regulation or burned daily to ash by forced air and fuel fired incineration according to the Air Emissions Regulations.
10. The operator shall suspend exploration activities if caribou, moose, sheep, or bear are observed within active work areas, until they move off on their own accord.
11. The proponent shall communicate plans and timing of activities, prior to the commencement of activities, to Liard First Nation Lands and Resources Department (867-536-7901), and Ross River Dena Council Land and Resources Department (867-969-2277 ext. 204). The operator shall make best efforts to mitigate any identified potential impacts or concerns.
12. Upon discovery of a heritage resource the proponent shall notify the Heritage Department of the First Nation of Nacho Nyak Dun (867-996-2265 ext.133) in addition to the Government of Yukon, Manager, Mining Lands and Heritage Department.
13. The operator shall share wildlife observation information (wildlife log) with the First Nation of Nacho Nyak Dun's Land and Resources Department (867)996-2265, prior to the expiry of this Notification.
14. The map provided identifies areas with elevated potential for heritage resources. The operator shall not conduct land-altering activities within these areas unless prior approval has been granted by the Heritage Resources Unit. The operator may

contact heritage.review@yukon.ca for more information on the areas of heritage potential or to discuss potential mitigation options.

15. There are documented archaeological sites within the notification area, as identified on the map provided. The operator shall not conduct any land-altering activities within 30 m of the(se) site(s) unless prior approval has been granted by the Manager, Mining Land Use. The operator is encouraged to contact heritage.review@yukon.ca for information on the archaeological sites.
16. Please note that, due to the size of the notification area, the preliminary heritage desktop review was limited to proposed camp areas. If the proponent identifies work that involves land-altering activities outside the assessed areas the operator shall contact heritage.review@yukon.ca prior to conducting any land-altering activities, as additional heritage review may be required. At this time no additional land-altering activity shall take place outside the assessed claims, until clearance has been given for heritage values (other than general rock/ soil sampling, prospecting, and LiDAR survey).
17. The operator shall install an electric fence around the food preparation and storage area, grey water sump, and incinerator.
18. The operator shall report any incidents involving nuisance bears or wildlife exhibiting food condition or habituation to the area's District Conservation Officer at 867- 536-3210.
19. There is a known mineral lick(s) in the vicinity of the project area. The operator shall contact the Wildlife Key Area Program (wka@yukon.ca) for information on the exact location of mineral lick(s) in the vicinity of the project area. If a mineral lick is identified within the project area, the operator shall maintain a 100m no-disturbance buffer around the location of the mineral lick unless specified in writing from the Manager, Mining Land Use. Until the operator contacts the Wildlife Key Area program (wka@yukon.ca) for the location of the mineral lick, the mapped area identified on the attached map (or on GeoYukon) as WKA ID 3324, shall be used as a no-disturbance area.
20. The operator shall contact the Liard Regional Biologist at (867-536-3214) for information on identifying mineral licks. If a mineral lick is identified within the project area, the operator shall maintain a 100m no-disturbance buffer around the location of the mineral lick.
21. The operator shall contact the Liard Regional Biologist (867-536-3214) if new mineral licks are encountered.
22. The notification area overlaps with a raptor nesting wildlife key area and mapped nest sites. The operator shall contact the Wildlife Key Area program (wka@yukon.ca) for further information on the location of the nest(s) and appropriate setback distances.
23. The operator shall not fly unmanned aerial vehicles (drones) within 500 m of a known or observed active raptor nest during the nesting period (May 1 - August 15).
24. The operator shall report observed nest sites to Environment Yukon, Wildlife Key Area program (wka@yukon.ca).
25. The operator shall avoid land clearing within 1 km of any observed active raptor nests between May 1st and August 15th.
26. The operator shall plan flight routes to avoid flying over any observed active raptor nests, or if it cannot be avoided, fly at a minimum of 600 m above ground level when

safe to do so.

27. The operator shall suspend activities within the wildlife key area for mountain goats as identified on the attached confidential map, between May 1st and June 15th. The operator shall cease work when any goats are observed from the active claim blocks until the goats move off on their own accord.
28. The operator shall be aware of goat, sheep and caribou habitat in the proximity of the project that may be disturbed by overflights in order to avoid these areas. It is recommended that the operator contact the Regional Biologist (867-536-3214) prior to creating flight paths to the project area to identify these habitats
29. To minimize the disturbance to goats, sheep and caribou, flight paths should be planned to avoid important areas to caribou, goats and sheep, among other guidelines. Flight paths should be adaptive and consolidated to reduce impacts (ie. if goats are observed consistently in the same area along the flight path, the operator shall adapt future flight paths to avoid wildlife, even if that results in a longer commute).
30. Where possible, the operator shall plan to avoid carrying out project activities during the post-calving period (June 1 to July 15) and during the rutting period (September 15-October 15).
31. The Proponent shall take all necessary precautions to minimize disturbance to caribou specific habitat (lichen) within the project area. Where disturbance is unavoidable, the lichen mat shall be separately stored and replaced as soon as exploration activities are complete.
32. The operator shall submit a summary of project activities to Yukon Environment (Traci.Morgan@yukon.ca, Liard Biologist) at the end of the season. The summary shall include (1) maps and/or shape files of Class 1 land disturbance activities and (2) wildlife log detailing interactions with wildlife and mitigations used.
33. The operator shall not restrict access, availability and use of the area for traditional harvest or ceremonial purposes.
34. The operator shall not conduct drilling and exploration activities within 50 m of a campsite or cabin.
35. The operator shall not alter, disturb or destroy any existing roads or trails.
36. While a shaft needs to remain open during this Notification, the operator shall employ measures to discourage ungulate wildlife from entering the shaft, such as covering the opening with logs or installing fencing.

For greater certainty, the conditions contained in this Notification pertain only to my authorities under the *Quartz Mining Act* and do not limit the authorizations, prohibitions, or restrictions in other federal, territorial or municipal laws.

Security may be required at any time by the Manager, Mining Land Use. The operator must furnish security within thirty (30) days of receiving the written notice from the Manager, Mining Land Use of the requirement to post security.

To help improve the environmental performance of your program, you are encouraged to refer to the attached operational guidelines. In addition, you are encouraged to contact affected First Nations to further discuss your program.

Class 1 work cannot occur on claims/leases that have lapsed or pending claims/leases until they are granted by a Mining Recorder. Please ensure the claims/leases within your Class 1 Notification are in good standing prior to beginning your work program. Any work occurring on pending or lapsed claims/leases will be in contravention of the *Quartz Mining Act* and *Territorial Lands (Yukon) Act* and representation work conducted will not be accepted by the Mining Recorder.

Please note: the notification will expire on June 25, 2025 and all reclamation must be completed at the end of the program or prior to the expiry of this notification, whichever comes first. All proposed activities must abide by Schedule 1 (Operating Conditions) of the *Quartz Mining Land Use Regulation*. In the event that claims/leases lapse, a Class 3 or 4 authorization is issued, or that agreements to operate on claims/leases are dissolved, the Class 1 notification becomes null and void for that portion of the program, where there is no right to the minerals.

If you have any questions about this letter, please contact the district office by phone at 867-996-2256, fax at 867-996-2617, or email at mayo.mining@yukon.ca.

Sincerely,
Paul Inglis

A handwritten signature in blue ink that reads "Paul Inglis". The signature is fluid and cursive, with the first name "Paul" and last name "Inglis" clearly legible.

A/Manager, Mining Land Use

cc
Environmental Affairs Branch, Environment
Tourism and Culture
First Nation of Nacho Nyak Dun
BC Kaska
Ross River Dena Council
Liard First Nation