



Indian and Northern
Affaires Canada

Affaires indiennes
et du Nord Canada

APPLICATION FOR LAND USE PERMIT DEMANDE DE PERMIS D'UTILISATION DES TERRES

Office use only - Réservé pour usage interne seulement

Application fee - Droits de demande de permis	Land use fee - Droits d'utilisation des terres	General receipt no. - NEde reçu	Date	Class- Catégorie	Permit No.-N° de Permis

To be completed by all applicants - A remplir par tous les requérants < New application Amendment

1. Applicant's name and mailing address (Full name, no initials) - Nom et adresse du ou des requérant (s) Nom au complet, pas d'initiales)

Meliadine West Gold Project
Comaplex Minerals Corp.
901, 1015 - 4th Street SW
Calgary, AB T2R 1J4
Attn.: Mark Balog
Fax no. - NE de télécopieur
403 - 265 - 7488
Telephone no. - NE de téléphone
403 - 265 - 2846

2. Head office address - Adresse du siège social

SAME AS ABOVE

Fax no. - NE de télépieur

SAME AS ABOVE

Telephone no. - NE de téléphone

SAME AS ABOVE

Field supervisor - Chef de chantier Radio telephone -

Téléphone-radio

Telephone no. - NE de téléphone

Comaplex personel to be announced

3. Other personnel (Subcontractor, contractors, company staff, etc.) - Autre personnel (sous-Traitants, entrepreneurs, personnel desociété, etc.)

Please see Project Description for details.

Local contractor(s) to be named following tendering process.

TOTAL: 20

4. Qualifications - Titres
refer to Section 21 - Territorial Land Use Regulations
consultez l'article 21 - du Règlement sur l'utilisation des terres territoriales
Mineral claims: NAT10-F18143, NAT11-F18144, NAT 82-F51715, NAT 83-F57716.
a(i) ☐ a(ii) ☐ a(iii) ☐ b ☐ c ☐
- No(s) exploration permit mineral claims - if applicable
NE(s) des permis d'exploration minière, s'il y a lieu

5. a) Summary of operation (Describe purpose, nature and locations of all activities - refer to Section 22 (2) (b) - Territorial Land Use Regulations). (Use last page of form if additional room is required).
Résumé des opérations (exposez le but, la nature ainsi que l'emplacement de toutes les activités - consultez l'article 22 (2)(b) - du Règlement sur l'utilisation des terres territoriales). Utilisez la dernière page du formulaire si vous avez besoin d'espace supplémentaire).

Open quarry on island in Meliadine Lake and haul approximately 11,000 cubic meters granular materials to nearby road alignment on Inuit Owned Land as shown on map provided.

b) Please indicate if a camp is to be set up (Use last page to provide details).

Indiquez si un camp doit être aménagé (Utilisez la dernière page pour donner des détails).

This project will be based at an existing camp.

6. Summary of potential environmental and resource impacts (Describe the effects of the proposed program on land, water, flora & fauna and related socio-economic areas (Use separate pages if necessary)
Résumé des conséquences possibles sur l'environnement et les ressources (décrire les effets du programme proposé sur les terres, l'eau, la flore et la faune et les domaines socio-économiques

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connexes (Utilisez des pages supplémentaires au besoin)

Summary following below is extracted from Project Description included on CD provided.

5.0 Potential Interactions of Project with the Environment

This project is small road construction job that will keep physical disturbance effects to as small an area as possible. Potential interactions between the project proposed and the environment in the project area will be reviewed in the sequence and issues developed in Section 3 above. Mitigation measures for potential impacts are discussed in Section 7 below.

5.1 Physical Environment

The sequence and schedule of the project is season dependant in that the project site does not have all season overland access. Mobilizing heavy equipment and bulk materials can be done only under winter conditions when terrain conditions allow overland transport.

Geology

It is the geology of the area that is the central focus of the overall exploration program. No covered bedrock is expected to be exposed in the course of quarrying materials for road construction.

Climate

The project area is located in an area of continuous permafrost and so development logistics sequence and schedules are weather and climate dependant. All overland access to the project area by overland transport to/from Rankin Inlet will be restricted to “winter freeze-up” conditions when terrain disturbance and associated erosion and water quality effects can be prevented.

Terrain

The primary interaction between the project and terrain in the area will be the disturbance required to establish a quarry and lay down sand and gravel for surface access roads connecting the exploration site and camp.

Preliminary estimates of the area of habitat alteration as follows:

quarry	1.0 ha
road	1.75 ha
Total	2.75 ha

Hydrology

Overland transport will be initiated after fall/winter freeze-up and no stream crossings will be altered in the course of mobilizing equipment and materials from Rankin Inlet to the project area. Overland transport in the March to May 2005 period will use the winter resupply route that has served the project for the past 10 years.

One stream crossing is required along the road alignment. A timber bridge will be placed to cross the channel approximately 1 m wide. The bridge will be designed and placed so that it will not encroach on the channel or impede the flow as is shown in Figure 4 in Project Description on CD.

Air

Project operations will consume 28,000 litres of diesel fuel releasing 1.653 tonnes of NO_x and 0.472 tonnes SO_x, plus 76.54 tonnes of greenhouse gasses (CO₂, CH₄, and N₂O).¹

¹ Assumes conversion factors of .84 for density with 0.070 and 0.02 for NO_x and SO_x resp. and 2.73416 kg/l for greenhouse gasses.

5.2 Aquatic Environment

Water quality

Quarry development will require working from the ice of Meliadine Lake to start the quarrying for road materials. Sand and gravel spillage onto the ice will be removed to the quarry on completion of road building.

Fish Habitat

No direct interactions by any aspect of the project and related support activities with fish habitat are required or expected. The water intake on Meliadine Lake is screened; there will no waste water discharges into fish habitat.

Fish Populations

No direct interactions by the project and related support activities with fish populations are required or expected. Recreational fishing by project personnel will comply with existing laws and regulations. "Catch and release" recreational angling will be encouraged as it has been during the exploration program to date.

5.3 Terrestrial Environment

Vegetation and Wildlife Habitat

Quarry development and road construction will alter 5 ha of terrestrial habitat. Site development will be completed in winter conditions and so no active nests will be affected. Habitats affected are well drained transition communities midway between dry ridge and wet meadow. No declared plant species are known for the project area.

Wildlife Populations

Potential interactions between the proposed project and wildlife species will occur only in winter at the site or along the resupply routes. Wildlife will always have the "right of way" as the principal mitigation measure to reduce project related interactions with surface traffic.

Specific potential interactions with wildlife that will be the subjects of ongoing mitigation measures relate to scavengers (fox, wolverine, and bear), and caribou.

WOLVERINE AND BEAR

Very diligent garbage management will continue to be practised to avoid attracting scavengers (fox, wolverine, and bear) to the camp. This includes incinerating all kitchen garbage and other wastes which may attract scavengers as required in the Meliadine West Environmental Management Plan (Appendix 4 on CD).

CARIBOU (AND ALL OTHER SPECIES)

In all interactions with caribou the most effective mitigation measure will be the strict adherence of a "wildlife has the right of way" policy for all vehicular traffic. Not only will this reduce collisions and related injuries and road kill, it will also reduce the attraction to scavengers that occurs when carrion is available. In the event that road kills occur, they will be reported to the wildlife officer in Rankin Inlet and, regulations permitting, disposed of by incineration.

Project and contractor employees will be prohibited from harvesting wildlife while employed on site.

Summary - Environmental Effects

1. The environmental effects of the project on fish and wildlife habitat will not alter the carrying capacity, but will be observable for a long time. Habitat disturbance will be mitigated to the extent practicable in the project's abandonment and reclamation measures that will be developed in consultation with KIA.

2. There will be no waste water discharges into fish habitat.
2. There will be no direct interactions with fish populations.
3. Known mitigation practices that are effective for discouraging scavengers that have been applied by the project to date will continue.
4. The most effective mitigation measure for managing environmental effects on wildlife is to ensure that a "wildlife has the right of way" policy is rigorously practised to avoid vehicle collision injuries and road kills.

5.4 Interactions with the local/regional social and economic environment

Project Labour Needs

Quarry development and road construction will be contracted to a local Inuit firm. The project will apply the same criteria to this contractor that it has with other contractors to date with respect to employment for local residents and services and supplies by local businesses. The period between awarding the contract (March 2005) and initiating underground work (January 2006) may be suitable for additional worker training.

The following list outlines the expected labour force requirements for the road construction:

Function	Number
Supervision and administration	2
Operations	9
Equipment servicing and maintenance	5
Survey and inspection	1
Camp operations and catering	3
Total	20

Of this crew, approximately 80% would be recruited from the local workforce.

Goods and services

The goods and services to be supplied by local suppliers for the camp and project is expected to be similar to that of the project's exploration program to date. All the fuel needs can be met locally as well as camp provisioning. Goods and services that would be required include:

Transportation Services into and out of the site

Fuel and lubricants:

28,000 litres of fuel

500 litres of lubricants

Groceries and supplies for a 20 person camp.

Approximately 75% of the total construction costs will be spent in the local economy.



7. Proposed restoration plans (please use last page if required) - Plans proposés de remise en état des terres (au besoin, utilisez la dernière page).

All abandonment and decommissioning activities for works on Inuit Owned Land will depend on the feasibility of commercial gold production at Meliadine West. Final plans will be developed in consultation with the land owner, KIA. In the event that further development and exploration on the Meliadine West grounds are suspended or terminated, site reclamation at Meliadine West will be based on the following conceptual closure plan:

- everything with salvage value will be removed from the site;
- all combustible materials with no salvage value will be burned and the residue removed to the Rankin Inlet landfill;
- all non-combustible waste and scrap will be removed to the Rankin Inlet landfill;
- the timber bridge over the stream below camp will be removed;
- the road will be contoured and scarified to reduce erosion and encourage moisture retention that will enhance natural revegetation.

The quarry on Federal Land will not take materials from below the adjacent lake water level. The quarry face will be contoured to prevent ponding, erosion, and sediment transport into Meliadine Lake.

8. Other rights, licenses or permits related to this permit application (mineral claims, timer permits, water licences, etc.)
Autres droits, autorisations ou permis associés à cette demande de permis (claims miniers, permis de coupe, permis d'exploitaton hydraulique, etc.)

NWB Licence: NWB2MEL0304; KIA Land Use Licence: KURW98F149 for resupply route, KUL302C268 and KUL1000B195 for drilling and mineral exploration land use; KIA Commercial Lease: KULCL102J168.

Roads: ☐ Is this to be a pioneered road? ☐ Has the route been laid out of ground truthed? ☐ Has funding been applies for i.e. RTAP?
Routes: Please provide details on back page La tracé a-t-il été établi et le terrain nivelé ? Avez-vous demandé du financement?
La route doit-elle être aménagée?
Donnez les détails sur la dernière page

Granular materials will be placed Inuit Owned Lands between along a 2.0 km road alignment connecting the existing Meliadine West Gold Project camp and the advanced exploration site. Please see Project Description on CD for details.

9. Proposed disposal methods - Méthodes d'élimination proposées

a) Garbage:
Ordures:

c) Brush & trees:
Broussailles et arbres:

Incineration

N/A

b) Sewage (Sanitary & Grey Water):
Eaux usées (Eaux d'égoût et eaux ménagères)

d) Overburden (Organic soils, waste material, etc.):
Terrain de recouvrement: (Dépôts organiques, déchets, etc.)

Personal ablution products are incinerated; Grey water goes to a sump

N/A

10. Equipment (includes drills, pumps, etc.) (Please use last page if required) **Please see extract from Project Description below.**
Matériel (comprend foreuses, pompes, etc.) (Utilisez la dernière page au besoin)

Type & Number - Type et nombre	Size - Dimension	Proposed use - Utilisation propose
11. Fuels - Combustibles	<input checked="" type="checkbox"/> Number of containers - Nombre de réservoirs	Capacity of containers - Capacité des réservoirs

- Diesel			
- Gasoline – Essence			
- Aviation Fuel - Carburant aviation			
- Propane			
- Other			

Table 1. Fuel and lubricants required for road construction

Consumable	Storage Capacity	Project Consumption
Diesel Fuel	400,000	28,000 litres
Lubricants/ hydraulic oil	n/a	500 litres

Table 2. Construction equipment fleet for road building

DESCRIPTION	FUNCTION	UNITS	SOURCE
Trucks - Tandem	Haul and place road material	4	local
Dozers	road levelling; material handling	2	local /contractor
Loader	material handling	1	local / contractor
Grader	Road levelling	1	local /contractor
Compactor	Road bed compaction	1	local /contractor
Picker truck	Heavy lifting and deliveries	1	local /contractor
Passenger van	Worker transfer	1	local /contractor

12. Containment fuel spill contingency plans (Please attach separate contingency plan if necessary)
Plans d'urgence d'isolement de carburant en cas de déversement (veuillez joindre un plan d'urgence distinct au besoin)

Please see Appendix 4 of Project Description on CD.

13. Methods of fuel transfer (To other tanks, vehicles, etc.) - Méthodes de transfert des combustibles (vers d'autres réservoirs, véhicules, etc.)

Bowser pump at bulk fuel station

14. Period of operation (includes time to cover all phases of project work applied for, including restoration)
Période d'opération (comprend toute période du début à la fin des projets, y compris la remise en état)

Quarrying activities during April / May 2005. Follow-up inspection and stabilization of quarry will occur in July and August 2005 as required. Follow-up work may be required in Spring 2006.

15. Period of permit (up to two years, with maximum of one year extension) Start date - Date du début du projet **1 April, 2005**
Completion date - Date d'achèvement **31 March 2007**
Période du permis (valable pour une durée de deux ans et prolongation maximale d'un an) ''

Full period is applied for in case additional quarry materials are required during advanced exploration phase which will be a separate application to KIA, NWB, and NIRB.

16. Location of activities by map co-ordinates (attached maps and sketches)
emplacement de activités selon les coordonnées géographiques (cartes et esquisses ci-jointes)

N Lat Deg 63 01 30	MN Lat Min	MAX Lat Deg	MAX Lat Min
W Long Deg 92 10 20	MN Long Min	MAX Long Deg	MAX Long Min

Map Sheet No.

N Ede feuille de carte ➤ **55K/16; 55N/1; Please also see map attached.**

17. Applicant - Requéant
Print name in full - Ecrie votre nom au complet en lettre moulée

Signature

Date

18. Fees - Droits ☐ **Class A \$150.00** ☐ **Class B \$150.00**

Land use fees: _____

Hectare @ \$50.00 =

\$ _____

Droits d'utilisation des terres

(Less than or equal to 2 ha.)

Hectare @ \$50.00 = \$ _____

(Each additional ha. Or portion of a ha. In excess of 2 ha.)

Total application and land use fees

Total des droits de demande de permis et d'utilisation des terres

\$ 200.

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19. Calculation of area involved (including access, staging areas, airstrips, campsites, etc.)
Calcul des aires en cause (comprend l'accès, les aires de transit, les pistes d'atterrissage, les camps, etc.)

Total area (Ha.)

Less 2 hectares

TOTAL (For fee calculation)

Superficie totales

Moins 2 hectares (-2)

(Aux fins du calcul des droits)

20. Application checklist - Vérification de la demande

a) ☐ Application signed and dated
Demande signée et datée
demandé

f) ☐ Timber permit applied for
Permis de coupe du bois

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b) ☐ Fees attached
Droits ci-joints

g) ☐ Fees attached
Droits ci-joints

c) ☐ Map included
Carte incluse

h) ☐ Lease applied for
Bail demandé

d) ☐ Address and telephone number
Adresse et numéro de telephone

e) ☐ Screening report
Rapport d'examen

Accepted by - Acceptée par

Date

Remarks – Remarques

Please use reverse page if additional space is required
Utiliser la dernière page si vous avez besoin d'espace supplémentaire

Additional information (attach additional pages if necessary) - Renseignements additionnels (joindre des pages supplémentaires au besoin)