Indian and Northern Affairs 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 <** G New application G 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)

Fax no. - NE de téléopieur

**John Laitin**
**SABINA GOLD & SILVER CORP.**
**930 West 1st Street, Suite 202**
**North Vancouver, BC**
**V7P 3N4**
**Fax no. 604-998-1051**
**Tel no. 604-998-4175**

Telephone no. - NE de téléphone

2. Head office address - Addresse du siège social

Fax no. - NE de télépieur

Telephone no. - NE de telephone

Field supervisor - Chef de chantier | Radio telephone - Téléphone-radio | Telephone no. - NE de téléphone

**Stanley Clemmer or Doug Cater**
**SABINA GOLD & SILVER CORP.**
**Same as above**

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

Major Drilling, Great Slave Helicopters, 1984 Inc., Nunavut (Discovery) Expediting, Rescan Environmental Services, SRK Consulting

Total no. of personnel: **up to 60 over 8 month (Feb to Sept) period**
No. of person days: **14,700 (60 x 245)**

4. Qualifications - Titres
refer to Section 21 - Territorial Land Use Regulations
consultez l=article 21 - du Règlement sur l=utilisation des terres territoriales

No(s) exploration permit mineral claims - if applicable
NE(s) des permis d=exploration minière, s=Il y a lieu

a(i) G a(ii) G a(iii) G b G c G

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 Règiement sur l=utilisation des terres territoriales). Utilisez la dernière page du formulaire si vous avez besoin d=espace supplémentaire).

**Sabina Gold & Silver Corp. (Sabina) is a Canadian-owned exploration company that is actively exploring**

**the Back River and Wishbone Projects in the Kitikmeot, Nunavut Territory. The Back River exploration project is located approximately 525 kilometers northeast of Yellowknife and is 400 kilometers south of Cambridge Bay and includes Goose, George, Del, Boot and Boulder Properties. Sabina's Wishbone-Malley Project is located approximately 60km west of the Goose Property and includes the Malley, Needle and Wishbone Properties. Sabina is the operator for the project and is responsible for maintaining all of the project permits.**

**Sabina sees an opportunity to continue exploration activities in the Wishbone-Malley area and is currently applying for new water license and land use permits for this area.**

**The exploration work may include:**

1. **Staking, prospecting and reconnaissance geology**
2. **Geological mapping and geochemical surveys**
3. **Aerial, ground, and down hole geophysical surveys**
4. **Mechanical and hand trenching/stripping**
5. **Up to 4 drill rigs would complete diamond drill testing of the geophysical targets and step-out drilling on identified mineralized zones and deposits.**
6. **Construction of ice airstrip may be needed depending on planned exploration and resupply activities and weather conditions.**
7. **Transport of fuel and drilling supplies to the area and storing it in secure caches with secondary containment.**
8. **A seasonal camp may be established as a centrally located base for exploration activities. This would include shelters( sleeping tents, dry and kitchen facilities) to accommodate up to 60 people and would include an ice airstrip, storage for fuel, salt and supplies, waste management (incinerator, open burning of untreated wood wastes, pactos), core logging/cutting facilities, and permanent core storage.**
9. **Temporary camps may be established on an "as-needed" basis for safety, environmental and economic reasons. These would include shelters (sleeping tents, dry and kitchen facilities) to accommodate up to 30 people and include an ice airstrip, and storage for fuel, salt and supplies**
10. **Transport of drilled core to camp for geological logging, sampling and storage.**
11. **Transport of personnel to and from the existing Goose camp, temporary camp and drill sites with a helicopter. Fixed wing planes will provide transport to and from the Goose camp to communities.**
12. **Inspection and reclamation of drill sites upon drill hole completion and of temporary camps at end of season**
13. **Site clean-up and progressive reclamation.**

**These exploration activities are not expected to have any significant environmental impacts on wildlife, the land or water, and no mitigation measures beyond current exploration best practices are required.**

**It is estimated that up to 200 cubic meters of water would be used every day for drilling, camps and general water use and waste disposal associated with exploration activities. The water would be from lakes in the vicinity of drill rigs and camps in the Malley - Wishbone area.**

**Drilling services and geophysical surveys will be provided by an experienced contractor. Several Inuit employees will be hired to help with exploration activities (which may include core splitting, sample shipping, maintenance, equipment operation, environmental monitoring and reclamation). Sabina is committed to ensuring its operations minimize environmental impact and best management practices for the exploration activities will be followed.**

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 demière page pour donner des détails).

**The existing camp at Goose Lake would be used as the main camp to support exploration activities for the Malley-Wishbone area and can accommodate up to 100 people, however, a seasonal camp may be established to support exploration activities in the Malley-Wishbone claim groups. There are historic exploration camp locations in this area of the Hackett Greenstone belt (for example Musk camp) and every effort would be used to re-establish a camp in these locations. This would include shelters (sleeping tents, dry and kitchen facilities) to accommodate up to 60 people and would include an ice airstrip, storage for fuel, salt and supplies, waste management (incinerator, open burning of untreated wood wastes, pactos), core logging/cutting facilities, and permanent core storage.**

**As needed, temporary campsites for up to 20-30 people would be erected to support exploration and resupply activities that are some distance (approx 20km or more) from the main camp. Possible locations identified at the moment include D'Arcy Lake, Aorta Lake, Kuuk Lake, and Pterydactyl Lake areas. Other locations may be identified through on-going exploration activities and operational needs. Sabina will advise AANDC of the exact locations of any temporary camp 45 days prior to its establishment.**

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 possiblies sur l=environnement et les ressources (décrire les effets du programme proposé sur les terres, l=eau, la flore etla faune et les domaines socio-économiques connexes (Utilisez des pages supplémentaires au besoin)

**The climate, soils and vegetation of the area are typical arctic in character. Plant cover is characteristic of the Arctic Tundra community. Shrubs are found sparsely distributed on the mesic sites near the rivers and lakes. On the interfluves are found low-growing perennials; grasses and sedges and some flowering species. The eskers support very little actual plant cover.**

**In general, lakes in the area contain extremely clear, low nutrient, low metal water, indicative of pristine high Arctic lakes. Most lakes have near-neutral waters, with very low hardness and alkalinity. However, naturally high metal concentrations are present in some lakes, indicating their proximity to surface mineralized areas. The area is in a zone of continuous permafrost. The active layer through the area ranges from approximately 1 to 2 m, but may be greater in areas where there is loose, sandy soil at the edges of lakes or ponds. Talik features are potentially present in the area under larger lakes. The depth of permafrost in the region is on the order of 500 metres. Permafrost greatly increases ground stability at depth but at surface it can increase the rates of soil erosion through the formation of ice wedges, pingos, palsas, ice lenses, and thermokarst.**

**Several observations of caribou have been noted in the area during on-going exploration programs. These are typically single or small groups of transitory animals; calving areas for the Bathurst herd are known to exist several hundred kilometers to the north of the area (west of Bathurst Inlet) and the Ahiak herd are known to calve east of Bathurst Inlet in the Queen Maud Gulf area. Other wildlife noted in the area include muskox, wolves and grizzly bears.**

**The mineral exploration program is relatively low impact and easily mitigated. Any potentially harmful impacts can be mitigated with best management practices such as proper fuel storage and handling, avoiding groups of animals, keeping an appropriate distance from water bodies, general good housekeeping and ensuring safe work conditions and practices.**

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

**Progressive reclamation currently focuses on Sabina drill site locations after completion of exploratory drilling. Each drill site is occupied by the drill rig approximately 2 to 10 days and a typical area affected is approximately 35 by 35 feet. The area includes the rig on a platform, sumps/collection tank, water supply**

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*List of Licences and Permits issued for Wishbone-Malley*

| Permit No. | Permit Name |
|---|---|
| Application | AANDC LU application |
| Application | KIA LU application |
| Application | NWB water license application |

| *Claim #* | *Claim Name* | *Claim #* | *Claim Name* |
|---|---|---|---|
| F98444 | MALLEY 1 | F79382 | Wishbone 1 |
| F98445 | MALLEY 2 | F79383 | Wishbone 2 |
| F98446 | MALLEY 3 | F79384 | Wishbone 3 |
| K10831 | MALLEY 5 | F79385 | Wishbone 4 |
| K10832 | MALLEY 4 | K09392 | Wishbone 20 |
| K10833 | MALLEY 6 | K09395 | Wishbone 23 |
| K10834 | MALLEY 7 | K09396 | Wishbone 24 |
| K10835 | MALLEY 8 | K09397 | Wishbone 25 |
| K10836 | MALLEY 9 | K09398 | Wishbone 26 |
| K10837 | MALLEY 10 | K09399 | Wishbone 27 |
| K10838 | MALLEY 11 | K09401 | Wishbone 30 |
| K10839 | MALLEY 12 | K09402 | Wishbone 31 |
| K10840 | MALLEY 13 | K09406 | Wishbone 34 |
| K10842 | MALLEY 14 | K09409 | Wishbone 35 |
| K10841 | MALLEY 15 | K09410 | Wishbone 37 |
| K10843 | MALLEY 16 | K09416 | Wishbone 46 |
| K10844 | MALLEY 17 | K09418 | Wishbone 38 |
| K10845 | MALLEY 18 | K09419 | Wishbone 36 |
| K10846 | MALLEY 19 | K12032 | Wishbone 200 |
| K10847 | MALLEY 20 | K12031 | Wishbone 201 |
| K10848 | MALLEY 21 | application | Wishbone 202 to 274 |
| K10849 | MALLEY 22 | Lease 3701 | Needle lease |
| K10850 | MALLEY 23 | | |
| K10851 | MALLEY 24 | | |
| K10852 | MALLEY 25 | | |
| K10858 | MALLEY 26 | | |
| K10859 | MALLEY 27 | | |
| K10860 | MALLEY 28 | | |
| K10861 | MALLEY 29 | | |
| K12008 | MALLEY 30 | | |

Roads Routes:

Is this to be a pioneered road?
Please provide details on back page
G La route doit-elle être aménagée?
Donnez les détails sur la dernière page

Has the route been laid out of ground truthed?
G La tracé a-t-il été établi et le terrain nivelé ?

9. Proposed disposal methods - Méthodes d=élimination proposées

1. Garbage:
Ordures:

b) Sewage (Sanitary & Grey Water):

c) Brush & trees:
Brousailles et arbres:

d) Overburden (Organic soils, waste material, etc.):

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1. Garbage:
   Ordures:

c) Brush & trees:
   Broussailles et arbres:

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.)

**At the main camp the disposal method for:**

- **Burnable solid waste such as paper, cardboard, plastic, wood, burlap cloth, fuel or oil-soaked absorbent material, semi-solid waste from Pacto toilets and food preparation waste would be burned in a dual stage, forced air incinerator. It is estimated that on average up to approximately 20 garbage bags (121 litre capacity) of such burnable waste would be generated each day. Any remaining ashes and unburned residue would be collected in cleaned 205L drums, sealed for transport, and flown out for disposal at a suitable, approved hazardous waste management facility.**
- **All large metal waste items such as used drill steel, broken or worn out mechanical parts and 205 litre (45 gallon) drums used for fuel transport would be flown back to Yellowknife for recycling or for disposal in an approved waste disposal site. Any bulky waste items would be cut up and burned in the incinerator or would be flown out for disposal at the Yellowknife landfill site (approx 1 Twin Otter load a week).**
- **Any waste motor oil, transmission fluid and other petroleum fluids would be transferred to plastic tubs or other sealable containers and either flown back to Yellowknife for recycling or disposal at an approved facility, or incinerated (waste diesel only) in camp. The incinerator may be equipped with a waste oil burner. It is estimated that in total, approximately 150 litres of such waste petroleum fluids would be generated in the course of the exploration program.**
- **No hazardous materials other than the fuels are expected to be stored or used on the property.**
- **Empty fuel drums would be returned to camp, and flown to Yellowknife on backhaul flights. The barrels are emptied, and any remaining fuel is collected and used as primary burn fuel at the incinerator. Care would be taken to ensure that the bungs are replaced and snugly tightened so as to prevent any fuel leakage. The empty drums are stored in a large secondary containment, arctic grade berm.**
- **Blackwater would be contained in plastic Pacto toilet bags and would be incinerated. It is estimated that up to ten Pacto toilet bags (~10 kg) would be produced each day. Ashes and any unburned residue would be placed in metal drums and flown out to Yellowknife for disposal at the Yellowknife landfill site.**
- **Greywater from the camp kitchen and drys would be collected by drainage pipes and gathered in a 500-gallon (1893 litre) open tub and then pumped by a trash pump to a greywater disposal pit located further back (about 110m) from the local water supply with an automatic, float-controlled pump. It is estimated that up to approximately 15 to 20 $m^3$ per day of grey-water would be generated by the camp.**

**At the temporary camp locations the disposal method:**

- **Solid waste will be taken to Goose camp or the main camp for inclusion in the approved waste management plan.**
- **All large metal waste items such as used drill steel, broken or worn out mechanical parts and 205 litre (45 gallon) drums used for fuel transport would be flown back to Yellowknife for recycling or for disposal in an approved waste disposal site. Any bulky waste items would be cut up and burned in the Goose camp incinerator, the main camp incinerator, or would be flown out for disposal at the Yellowknife landfill site. The quantity produced is estimated to be approximately 1-2 Twin Otter plane load every week, most of which would be empty fuel drums.**
- **Any waste motor oil, transmission fluid and other petroleum fluids would be transferred to plastic tubs or other sealable containers and either flown back to Yellowknife for recycling or disposal at an**

**throughout the area to support exploration activities.**

**Drums of diesel, Jet B and gasoline fuels will be stored outside in separate fuel caches enclosed within impermeable, geomembrane berms to prevent any leaks from entering the soil in the area of the camps (main and temporary). Each of the containment berms is equipped with a RainDrain™ filtration system that continuously filters out the rainwater while containing any hydrocarbons. These are monitored on a regular basis to ensure proper operation. The fuel caches would be stored well back from any lake or stream. As the fuel is used the empty fuel drums will be stored near the main camp until they can be flown out to Yellowknife on backhaul flights. All the fuel caches would be monitored on a regular basis to check for leaks. Propane tanks would be secured in an upright position. The acetylene tank for welding purposes would also be secured in an upright position.**

**Diesel fuel may also be stored at the Goose camp in double-walled Envirotanks located within the lined, bermed tank farm.**

**Refueling of vehicles and equipment is completed in designated areas, equipped with secondary containment and spill response equipment.**

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 érat)

**Exploration and resupply programs may operate continuously from mid February to end of October**

15. Period of permit (up to two years, with maximum of one year extension) Start date - Date du début du projet Completion date - Date d=achèvement
Période du permis (valide pour une durée de deux ans et prolongation maximale d=un an)

**Feb 1, 2012** **Jan 31, 2017**

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

**Project Area**

| | | | |
|---|---|---|---|
| **MAX Lat Min 00'N** | **MIN Lat Deg 64°** | **MIN Lat Min 45'N** | **MAX Lat Deg 66°** |
| **MAX Long Min 00'W** | **MIN Long Deg 106°** | **MIN Long Min 45'W** | **MAX Long Deg 109°** |

**Possible camp locations:**

| | | |
|---|---|---|
| **Bullwinkle** | **108°01'55"W** | **65°43'25"N** |
| **Rocky** | **107°37'31"W** | **65°28'35"N** |
| **Musk** | **107°43'00"W** | **65°17'00"N** |
| **Kuuk** | **107°49'30"W** | **65°36'46"N** |
| **Aorta** | **107°57'21"W** | **65°55'54"N** |
| **Pterodactyl** | **108°06'37"W** | **65°30'55"N** |

**Map Sheet No: 076B/076C/076F/ 076G** **Inuit Land Parcel No: BB01/ 04/06/08/10/11, CO-01/ 04**

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

John Laitin

John Laitin
Signature

Nov 30, 2011
Date

18. Fees - Droits

G **Class A $150.00**

G **Class B**

Land use fees: _____Hectare @ $50.00 =
Droits d=utillsation des terres (Less than or equal to 2 ha.) $_____

_____Hectare @ $50.00 = $_____
(Each additional ha. Or portion of a ha. In excessof 2 ha.)

Total application and land use fees
Total des droits de demande de permis et d=utillisation des terres $ **$150.00**

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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 calculatoin) |
|---|---|---|
| Superficie totals | Moins 2 hectares (-2) | (Aux fine du calcul des droits) |

20. Application checklist - Vérification de la demande

a) G Application signed and dated
Demande signée et datée

b) ~ Fees attached
Droits ci-joints

c) ~ Map included
Carte incluse

d) ~ Address and telephone number
Addresse et numéro de téléphone

e) ~ Screening report
Rapport d=examen

f) G Timber permit applied for
Permis de coupe du bois demandé

g) ~ Fees attached
Droits ci-joints

h) ~ Lease applied for
Bail demandé

Accepted by - Acceptée par

Date

Remarks - Remarqu

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