Appendix 1

NIRB Application Forms

PART 1 FORM
PROJECT PROPOSAL INFORMATION REQUIREMENTS

To access NIRB documents, project screenings, and project reviews please visit the Nunavut Impact Review Board's ftp site http://ftp.nirb.ca/. The NIRB's website (www.nirb.ca) is currently under construction. Please contact info@nirb.ca should you have any questions or require further information.

IMPORTANT!
Please be advised that your application will not be processed until the Sections 1 - 9 are completed in their entirety, in both English and Inuktitut (+ Inuinnaqtun, if in the Kitikmeot).

SECTION 1: APPLICANT INFORMATION

1. **Project Name** **Doris North Mine Project**

2. **Applicant's full name and mailing address:**

TMAC Resources Inc.	Phone:	416.628.0126
372 Bay Street, Suite 901	Fax:	416.644.9337
Toronto, Ontario M5H 2W9	Email:	catharine.farrow@tmacresources.com

3. **Primary contact's full name and mailing address:**

Catharine Farrow	Phone:	416-628-0216
	Fax:	416 644 9337
	Email:	catharine.farrow@tmacresources.com

SECTION 2: AUTHORIZATION NEEDED

1. **Indicate <u>all</u> authorizations associated with the project proposal:**

X	Regional Inuit Association (RIA)		Canadian Launch Safety (CLS)
X	Nunavut Water Board (NWB)		Environment Canada (EC)
	Nunavut Planning Commission (NPC)		Government of Nunavut (GN)
X	Aboriginal Affairs and Northern Development (AANDC)		Department of National Defense (DND)
X	Department of Fisheries and Oceans (DFO)		Hamlet
	Community Government & Services (CG&S)		Parks Canada (PC)
	Nunavut Research Institute (NRI)		Canadian Wildlife Service (CWS)
	Department of Culture, Language, Elders, and Youth (CLEY)		Other (please specify):

2. **List the <u>active</u> permits, licenses, or other authorizations related to the project proposal, and their expiry date(s):**
NIRB Project Certificate No. 3
NWB Type A Water Licence No. 2AM-DOH1323 (August 15, 2023)

KIA Commercial Lease No. KTCL313D001 (September 13, 2018)

3. **List the pending* permits, licenses, or other authorizations related to the project proposal:**
Proposed amendment to Type A Water Licence No. 2AM-DOH1323 (submitted to NWB November 2013)

*Please provide a copy of all applications to the NIRB.

4. **Has this project or any components of this project been previously screened or reviewed by NIRB?**

■ **YES** ☐ **NO**

If YES, indicate the previous project name and NIRB File No.

05MN047 Doris North Gold Mine 2006

SECTION 3: PROJECT PROPOSAL DESCRIPTION

1. **Indicate the type of project proposal (check all that apply)[1,2]: (See Appendix A for Project Type Definitions)**

1	All-Weather Road/Access Trail	☐	**9**	Site Cleanup/Remediation	☐
2	Winter Road/ Winter Trail	☐	**10**	Oil and Natural Gas Exploration/Activities	☐
3	Mineral Exploration	☐	**11**	Marine Based Activities	☐
4	Advanced Mineral Exploration	☐	**12**	Scientific/International Polar Year Research*	☐
5	Mine Development /Bulk Sampling	■	**13**	Harvesting Activities*	☐
6	Pits and quarries	☐	**14**	Tourism Activities*	☐
7	Offshore Infrastructure (port, break water, dock)	■	**15**	Other[2]:	☐
8	Seismic Survey	☐			☐

Please note:

1. All project types listed above, except those marked with an asterisk (*), will also require the Proponent to submit a **Part 2 Project Specific Information Requirement (PSIR) Form**. The NIRB application process will not be considered complete without the Part 2 PSIR Form.
2. Please be advised that in order to complete the NIRB process, the NIRB may request additional information at any time during the process.
3. If "Other" is selected, contact NIRB for direction on whether a Part 2 PSIR Form is required.

2. If Project Type 3, 4 or 5 was selected above, please indicate the mineral of interest that is being extracted. Include a brief description.

X	Base Metals (zinc, copper, gold, silver, etc) Gold
	Diamonds
	Uranium
	Other: _____

3a. If Project Type 12, 13 or 14 was selected above, complete the table and questions below.

Transportation Type	Quantity	Proposed Use	Length of Use
E.g. Helicopter	*1*	*Site to site pick ups and drop offs*	*6 days*

3b. Describe any docks, piers, air strips or related structures that are to be used in conjunction with the proposed project activities. **Please note**: *the building of new structures may require a Part 2 Form.*

Diffuser and tailings impoundment area water pipeline as described in enclosed TMAC. 2013. Doris North Mine Modifications and Related Amendments to Project Certificate No. 3. and Type A Water Licence No. 2AM-DOH1323. There is an existing jetty and all weather airstrip that will be utilized during the activities.

3c. If a temporary camp site is to be established, describe the proposed structures in detail and indicate the type and source of power for the camp site if applicable.

As described within enclosed *TMAC. 2013. Doris North Mine Modifications and Related Amendments to Project Certificate No. 3 and Type A Water Licence No. 2AM-DOH1323* TMAC may from time to time establish temporary camps in the form of accommodation barges, which are self sustaining floating camps.

4. Personnel

Total No. of personnel on site = (A) 360 (Doris North)

Total No. of days on-site = (B) 365

Total No. of Person days (A) × (B) = 131,400 (Doris North)

4. Timing

Construction
Proposed Start Date: July/2014 (month/year) Proposed Completion Date: December/2015 (month/year)

Operation
Proposed Start Date: January/2016 (month/year) Proposed Completion Date: December 2019 (month/year)

Closure
Proposed Start Date: December 2020 (month/year) Proposed Completion Date: December/2022 (month/year)

Post - Closure
Proposed Start Date: January/2023 Proposed Completion Date: December 2029

(month/year) (month/year)

6a. Region (check all that apply):

☐	North Baffin	☐	Kivalliq	☒	Kitikmeot	☐	Transboundary: _____
☐	South Baffin	☐	National Park				

6b. Describe the location of the proposed project activities in a regional context, noting the proximity to the nearest communities and any protected areas.

See *TMAC. 2013. Doris North Mine Modifications and Related Amendments to Project Certificate No. 3 and Type A Water Licence No. 2AM-DOH1323.*

6c. Discuss the history of the site if it has been used for any project activities in the past.

- Mine construction commenced as per Project Certificate No. 003 with project placed on care and maintenance prior to completion. There has been no production to date and no mine tailings have been generated.

6d. Indicate if there are any known archaeological/palaeontological historical sites in the area.

- See Appendix 13 of the enclosed *TMAC. 2013. Doris North Mine Modifications and Related Amendments to Project Certificate No. 3 and Type A Water Licence No. 2AM-DOH1323*

7. Land Status (check all that applies):

☒	Crown (Jetty)	☐	Commissioners'	☐	Municipal
☒	Inuit Owned Surface Lands	☒	Inuit Owned Sub-Surface Lands		

8a. Co-ordinates:

Min Lat (degree/minute)	68° 06' N	Min Long (degree/minute)	106° 32' W
Max Lat (degree/minute)	68° 11' N	Max Long (degree/minute)	106° 38' W

NTS Map Sheet No: _____

(Please ensure that maps of the project are attached (1:50,000 **if available**, 1:250, 000 **Mandatory**) available from Natural Resources Canada)

8b. If the project proposal includes a **camp**, please provide the coordinates of the camp location

Min Lat (degree/minute)	68° 08' 16.5" N	Min Long (degree/minute)	106° 36' 52.6" W
Max Lat (degree/minute)		Max Long (degree/minute)	

If different from above for the camp:

NTS Map Sheet No:

Please ensure that maps of the project are attached (1:50,000 **if available**, 1:250, 000 **Mandatory**) available from Natural Resources Canada

Please note that additional location information may be required in a subsequent Project Specific Information Requirement (PSIR) submission. This may take the form of a digital Geographic Information Systems (GIS) file.

SECTION 4: NON-TECHNICAL PROJECT PROPOSAL DESCRIPTION

Please include a non-technical description of the project proposal, no more than 500 words, in English and Inuktitut (+Inuinnaqtun, if in the Kitikmeot). The project description should outline the following:

- The project activities, their necessity and duration;
- Method of transportation;
- Any structures that will be erected (permanent/ temporary);
- Alternatives considered; and
- Long-term developments, the projected outcome of the development for the area and its timeline.

IMPORTANT: IF THE PROPOSED ACTIVITIES REQUIRE SUBMISSION OF A NIRB PART 2 PSIR FORM, PLEASE COMPLETE SECTION 8 ONLY, OTHERWISE CONTINUE ON WITH SECTION 5.

As described within enclosed *TMAC 2013 Doris North Mine Modifications and Related Amendments to Project Certificate No. 3 and Type A Water Licence No. 2AM-DOH1323*

SECTION 5: MATERIAL USE

1. List equipment to be used (including drills, pumps, aircraft, vehicles, etc.):

- See generally *TMAC. 2013. Doris North Mine Modifications and Related Amendments to Project Certificate No. 3 and Type A Water Licence No. 2AM-DOH1323*).

2a. Detail fuel and hazardous material use:

- See generally *TMAC. 2013. Doris North Mine Modifications and Related Amendments to Project Certificate No. 3 and Type A Water Licence No. 2AM-DOH1323*) and in particular section 4.3.

2b. Describe the proposed Spill Prevention Plan.

- See generally *TMAC. 2013. Doris North Mine Modifications and Related Amendments to Project Certificate No. 3 and Type A Water Licence No. 2AM-DOH1323*), the current approved Spill Prevention Plan will be updated following issuance of the amended Type A Water Licence.

3a. Detail the anticipated daily water consumption rates

- No change to Project approved pursuant to Project Certificate No. 003.

3b. Have you applied for a water License* with the Nunavut Water Board?

☒ **YES** (amendment to current Type A Water Licence 2AMDOH1323**)** ☐ **NO**

If yes, what class of licence?

☒ **Class A Water Licence** ☐ **Class B Water Licence**

*Please provide a copy of the application or licence to the NIRB

- See enclosed materials

SECTION 6: WASTE DISPOSAL AND TREATMENT METHODS

1. List the types of waste associated with the proposed project activities:

- No changes to Project approved per Project Certificate No. 003.

2. **Describe the proposed Waste Management Plan.**

Current approved plan will be updated following issuance of amendment

SECTION 7: COMMUNITY INVOLVEMENT & REGIONAL BENEFITS

1. **List the community representatives that have been contacted and provide the minutes of the meetings if available:**

   - See generally *TMAC. 2013. Doris North Mine Modifications and Related Amendments to Project Certificate No. 3 and Type A Water Licence No. 2AM-DOH1323*) and in particular section 6

Community	Name	Organization	Date Contacted
Cambridge Bay	See attendance lists	Community Meetings	August 2010, June 2011, May 2012, March 2013
Gjoa Haven	As above	As above	August 2010, June 2011,
Kugaaruk	As above	As above	August 2010, June 2011, March 2013
Kugluktuk	As above	As above	August 2010, June 2011, March 2013
Taloyoak	As above	As above	August 2010, June 2011, March 2013

SECTION 8: GENERAL QUESTIONS

1. **Will you be disturbing any known archaeological sites?**

☐ **YES** ☒ **NO**

SECTION 9: APPLICANT SIGNATURE

Please sign and date your application:

Signature	Title	Date
	CEO	Nov 29/13

APPENDIX A
Project Type Definitions

Access Trail: A project proposal with the objective of providing vehicular access to an area of interest involving minimal alteration to the terrain.

Advanced Exploration: A project proposal with the objective of identifying size, grade, and physical characteristics of a mineral occurrence and to assess the economic and technical feasibility of developing the mineral deposit into a producing mine

All-Weather Road: A project proposal with the objective of road construction for use in all seasons.

Bulk Sampling: A project proposal with the objective of extracting of large samples of mineralized material involving hundreds to thousands of tonnes. Samples are selected as representative of the potential mineral deposit being sampled. May involve crushing/milling (on small-scale)

Harvesting activities: A project proposal with the objective of harvesting animals, marine mammals and/or fish from their natural habitats by means of hunting or trapping for traditional and commercial use.

Marine Based Activities: Any activity occurring in the marine environment, such as vessel use associated with land-based activities or disposal at sea.

*Please note that normal community re-supply or individual ship movements not associated with land-based project proposals shall not be screened by NIRB (Section 12.12.2 of NLCA).

Mine Development: A project proposal with the objective of extracting broken rock with mineralization of sufficient grade and tonnage to sustain commercial mining operations (ore). Mining a body of ore can be achieved by either open pit and/or underground development. Mine development may involve milling. Milling involves treatment of the extracted ore through a combination of mechanical and chemical processes to selectively recover the valuable mineral.

Mineral Exploration: A project proposal with the objective of exploring an area to find geological anomalies. It involves site reconnaissance (ground and/or air) to locate broad and fiscal mineral deposits.

Offshore Infrastructure: A project proposal with the objective of building off loading facilities constructed off the shoreline and connected to the mainland of the marine or freshwater environment. Examples include a jetty, dock, or port facility.

Oil and Gas Exploration/Activities: A project proposal that includes 1) exploration, such as seismic or geological mapping, 2) drilling of oil and gas wells, 3) construction and operation of a pipeline, a gas processing plant or any oil and gas facility within Nunavut.

Pits and Quarries: A project proposal with the objective of pitting, which involves the extraction of granular material (i.e. sands and gravels) and quarrying, which involves the removal of consolidated rock (i.e. bedrock, frozen soil).

Scientific Research: A project proposal with the objective of implementing a series of site activities comprised of observation of phenomena, measurement and collection of data necessary for scientific investigation in designated areas within a limited time period.

Seismic Survey: A project proposal with the objective of conducting a survey to map the depths and contours of rock strata by timing the reflections of sound waves released from the surface. Survey site locations may be offshore (not within 12 nautical miles of any coast), near shore, and extended onshore.

Site Cleanups: A project proposal with the objective of site cleanups (includes DEW line site cleanups), which focuses on the remediation of chemically contaminated soils, stabilization of landfills and dumps, demolition/disposal of infrastructure and debris and monitoring after cleanup is completed.

Tourism Activity: A project proposal with the objective of conducting travel predominantly for recreational, sport or leisure purposes within a designated area and limited time period.

Winter Road: A project proposal with the objective of building a road for winter use by leveling and compacting surface snow and ice. Winter road is removed at end of season.

Winter Trail: A project proposal with the objective of building a trail for winter use by a single pass of a tracked vehicle using a blade, if necessary.

Ilaga 1 Titigaakhak
HAVAGIYAOYUMAYUMIK HIVUNIKHIYUTIKHANIK PIKAGEAKAKNIGA

Hivonikhivaligomagovin Nonavomi Avatilikiyin Katimayenik (NIGB-kon) takoenagealgin kagitaoyami kongeakhan ovani www.nirb.ca tapkoatlunet piyanginik Avatilikiyit titigakotae, havangoyot naonaeyaotae, tapkoatlo havangoyot naonaeyakne takoinagealgit tapkoat Nonavot Avatiligiyit Katimayit ftp kagitaoyakakvea http://ftp.nirb.ca.

ATOKLOAKTOK!
Kaoyimaneakutin una tukhigaotin havagiyaolimaetok ukoa ilagani 1-min 9-mun inikaktilogin tamaeta Kavlunatun Inuktitulo (Inoenaktulo, Kitikmeonetpan).

ILAGA 1: TUKHIGAKTUP KANOGINIGAGUN HIVONIKHIYUTIN

1. b) Havap Atea **Kapihiliktumi Oyagaktakvikhak**

2. Tokhigaktum tamaeta aten titigakakvikulo tugaktakvea:

TMAC Resources Inc.	Hivayaota:	416.628.0126
372 Bay Street, Suite 901	Kayumiktokun:	416.644.9337
Toronto, Ontario M5H 2W9	Kagitaoyakun:	catharine.farrow@tmacresources.com

3. Okakvigiyaoloaktukham tamaeta aten titigakakvikulo tugaktakvea:

Catharine Farrow	Hivayaota:	416-628-0216
	Kayumiktokun:	416 644 9337
	Kagitaoyakun:	catharine.farrow@tmacresources.com

ILAGA 2: AGIGUTAOYAGEAKAKTOK UKUNANGA

1. Titiklogit tamaeta agigeakaktun tugagayunik havagiyaoyumayumun:

X	Aviktokhimayuni Inoen Katimayen (RIA-guyun)		Kanatami Aolaktitigeagutinun Aneaknaetukun (CLS-kun)
X	Nunavumi Imalikiyin Katimayin (NWB-kun)		Avatilikiyin Kanatami (EC-kun)
	Nunavumi Paknaeyaeyin Katimayin (NPC-kun)		Kavaman Nunavumi (GN-kun)
X	Kavamatukani Inulikiyin (INAC-kun)		Kavamatukani Aguyaktulikiyin (DND-kun)
X	Kavamatukani Imakmeotalikiyin (DFO-kun)		Hamleoyok
	Nunalikni Kavamalikinikun Ikayutiniklo (CG&S-kun)		Mingeokhikvilikiyin Kanatami (PC-kun)
	Nunavumi Ilitokhaeyin Havakvean (NRI-kun)		Kanatami Umayulikiyin (CWS-kun)
	Ilitkuhilikiyin, Okaohikniklo, Inutkuyalo, Inulgamelo (CLEY-kun)		Ahelo (Okateayavatin):

2. Titigaklogit atokhimaktun piyunaotit, laesaoyulo, tapkoatlonet ahenik ihumakhutaoyun togagayun havagiyaoyumayumun ihulilvikhaelo:

NIRB-koni Havaam Naonaepkotaa Nahaotaa 3
NWB-konin Kanoginiga A Imaknik Atogeagani Laeseoyum Nahaotaa 2AM-DOH1323 (August 15-mi 2023-mi)

3. Titigaklogit <u>nahugiyaoyun</u> piyunaotit, laeseoyulo, tapkoatlonet ahenik ihumakhutaoyun togagayun havagiyaoyumayumun:

<u>Atogumayaoyok nutaguktikniga Kanoginiganik A Imakmik Atugeagani laeseoyum Nahaotaa 2AM-DOH1323 (toniyaoyok NWB-konun November-mi 2013-mi</u>

4. Una havak, <u>ilagiyaelunen havam</u> hivoagun ilitokhaktaohimavan ihivgeoktaohimavalunen NIRB-kunin?

[X] **IYA** [ ] **IMANAK**

Agiguvin, okayavan atigiyagaloaga havam NIRB-kunilo titigagiyaeni napa.

<u>05MN047 Kapihiliktumi Kulmik Oyagaktakvik 2006-mi</u>

ILAGA 3: HAVAGIYAOYUMAYUM KANOGITUNIGA

1. Titiklogo kanogituniga havagiyaoyumayum (titigaklogin tamaeta atoktun)([1,2]):
(Takulogo Oegoa A Havam Kanogituniganik Okaoheoyunik)

1	Ukeogaalok Apkutaoyok/Aolakveoyok	☐	**9**	Inigiyatik Kiklimaktiklogo / Utiktigeaklogolo Ilitkuhigaloaganun	☐
2	Ukeomi Apkutaoyok / Ukeomi Aolakveoyok	☐	**10**	Okhokyoakheoknik Kasileniklo	☐
3	Oyagakheokvikhakheoknik	☐	**11**	Takyumi Havaguyun	☐
4	Oyagaktakvikhakheoveokhaaktok	☐	**12**	Naonaeyaenik/Hilakyoami Ukeoktaktumi Ilitokhaenik*	☐
5	Oyagakheoktun / Agiyunik Naonaeyaeyun	[X]	**13**	Angunahoaknen*	☐
6	Oyagaktaken	☐	**14**	Polakpaktun hulilugagutikhaen *	☐
7	Takyumi pikutin (tulaktakvik, malelgumeovik, tunmigak)	[X]	**15**	Ahea [(2)]:	☐
8	Nunanik Ilitokhaenik Havivalukaknikata	☐			☐

<u>Kaoyimaneakutin:</u>

1. Tamaeta havan titigakhimayun havuma kulanetuni, ukoagugitok titigakaktunik (*)-mik, piyageakakneakok Havakagumayok tunihiyagan **Ilaga 2-mik Havakhamun Hivunikhiyutaoyunik Piyageakaktunik (PSIR-mik) Titigakhamik**. NIRB-kun tukhiknikun aolaniga ihumagiyaolimagitok pikagitpan Ilaga 2 PSIR-mik Titigakhamik.
2. Ilihimaneakuhi iniktigeagani taman NIRB-kun aolaniga, NIRB-kun tukhikneagunakhiyun ilageagutikhanik hivunikhiyutikhanik kagugulika aolanigiyamikni.
3. "Ahea" titigakhimakpan, okakatigiyavatin NIRB-kun kanogileoguhikhamik piyavikni Ilaga 2 PSIR-mik Titigakhamik piyageakakmaga.

2. Havam Kanogituniganik 3, 4-lunen 5-lunen titigakhimakpan havuma kulanetuni, okayavan kanogitunik oyagakhakakmaga. Naetugaloamik okateayavan hunaokmaga.

X	Havivaloen (zinc, kanoyak, Kuli, Kivliktulo, taemaetunik)
	Pinikutikhanik
	Nuguyoetunik
	Ahenik:

3a. Havam Kanogituniganik 12, 13-lunen 14-lunen titigakhimakpan havuma lulanetuni, iniktiyavan naonaepkun apkutaoyulo havuma atanetuni.

Aolagutim Kanogituniga	Kavin	Kanok Atoktaoneakmaga	Hivituniga Atoknigagun
Imatun, Hanikaptak	*Ataohik*	*Nunanin nunanun akyaktoelotik*	*Siksini upluni*

3b. Okateaklogin tulaktakven, tunmikalo, milvelo atoktulo pikutin havagiyaoyumayumi. Kaoyimaneakutin: napaktigiyagani nutanik pikutinik atugeakakneagunakhiyutin Ilaga 2-mik Titigakhamik.

Pupliktun Immam Iloani Atagukvikmilo imakmi tukhoak okaotaoyok ilagiyaani TMAC-kon 2013-mi Kapihiliktomi Oyagaktakvik Ihoakhaknigani Ilagiyaeniklo Nutaguktikniginik Havaamik Naonaepkotini Napaani 3 Kanoginiganilo A Imaknik Atugeagani Laeseoyum Napaani 2AM-DOH1323. Pikaktok taya tunmikamik ukeogaaloklo milvikmik atoktaoneaktonik havalikata.

3c. Hiniktakveokavuktukhamik pineaknikata, okayavatin hunaokmaga napayukhan kanogituniginiklo kanoklo alguyaktutikakneakmaga iglukpakakvikhami atugeakaknikan.

Okaotaoyok ilagiyaani *TMAC-kon 2013-mi Kapihiliktomi Oyagaktakvik Ihoakhaknigani Ilagiyaeniklo Nutaguktikniginik Havaamik Naonaepkotini Napaani 3 Kanoginiganilo A Imaknik Atugeagani Laeseoyum Napaani 2AM-DOH1323.* TMAC-kon-kon kagugugaekpan pineakun iglukpakakveolaktonik hiniktakvikhanik ila umiyan kaleni, inmiknik namaenaktun puktalaktun iglukpaen.

4. Havakteoyun

Tamaeta kaveonigin havaktun havakvikmi = (A) 360 (Kapihiliktumi)

Tamaeta uplun havakviknetun = B 365

Tamaeta uplun inukakneaknigagun (A) × (B) = 131,400 (Kapihiliktumi)

4 Kagugukan

Hanaliklotik
Aolaktigeakvikhaan Uplolani: July-mi 2014-mi (tatkikheon/ukeomi) Iniktikvigiyaakhan Uploani: December-mi 2015-mi (tatkikheon/ukeomi)

Oyagaktakveoloni
Aolaktigeakvikhaan Uplolani: January-mi 2016-mi (tatkikheon/ukeomi) Iniktikvigiyaakhan Uploani: December-mi 2019-mi (tatkikheon/ukeomi)

Closure
Aolaktigeakvikhaan Uplolani: January-mi 2020-mi (tatkikheon/ukeomi) Iniktikvigiyaakhan Uploani: December-mi 2022-mi (tatkikheon/ukeomi)

Post - Closure
Aolaktigeakvikhaan Uplolani: January-mi 2023-mi (tatkikheon/ukeomi) Iniktikvigiyaakhan Uploani: December-mi 2029-mi (tatkikheon/ukeomi)

5. Kakongukan Pigeagutikhan

Kanok havakveoneakmaga: _____ *talvonga* _____

Atugumayanik hivitunikhata piyunaotim: _____ *talvonga* _____

6a. Nonalet Aviktokhimanea (titiklogit tamaeta atoknilgit):

☐	Tununga Kigiktalok	☐	Kivalik	X	Kitikmeot	☐	Nonani ataohenaogitumi: _____
☐	Hivuga Kigiktalok	☐	Mingoekhikvik	☐		☐	

6b. Okaklogin humenigin havagiyaoyumayun nunan aviktokniga atoklogo, okaklogolo kanitoanenikhak nunagiyaoyok monagiyaoyulo pikaknikan nunanik.

Takologo *TMAC-kon 2013-mi Kapihiliktomi Oyagaktakvik Ihoakhaknigani Ilagiyaeniklo Nutaguktikniginik Havaamik Naonaepkotini Napaani 3 Kanoginiganilo A Imaknik Atugeagani Laeseoyum Napaani 2AM-DOH1323.*

6c. Discuss the history of the site if it has been used for any project activities in the past.

Mine construction commenced as per Project Certificate No. 003 with project placed on care and maintenance prior to completion. There has been no production to date and no mine tailings have been generated.

6d. Indicate if there are any known archaeological/palaeontological historical sites in the area.

Takologo Oegoa 13 ilagiyaani *TMAC-kon 2013-mi Kapihiliktomi Oyagaktakvik Ihoakhaknigani Ilagiyaeniklo Nutaguktikniginik Havaamik Naonaepkotini Napaani 3 Kanoginiganilo A Imaknik Atugeagani Laeseoyum Napaani 2AM-DOH1323.*

7. Kiya Nunagikmaga (titiklogit tamaeta atoknilgit):

X	Koen	☐	Kamisinaop	☐	Hamleoyun
X	Inoenaet Nanminea Nunaplo Kaginaenetun	X	Inoenaet Nanminea Nunaplo Iloanetun		

8a. Humeniga Nunam:

Mikinikha Nunaoyami Hanimon (nahaotaen)	68° 06' N	Mikinikha Nunaoyuami Tokimon (nahaotaen)	106° 32' W
Anginikha Nunaoyami Hanimon (nahaotaen)	68° 11' N	Anginikha Nunaoyami Tokimon (nahaotaen)	106° 38' W

NTS Nunaoyami Ilagata Napa: _____
Ilaoyavun nunaoyan humeniginik havan pikaktunik (1:50,000 **pikakat**, 1:250, 000 **Piyakaakpeaktok**) piyaolat talvaga Nunameotalikiyinin Kanatami.

8b. Havakun **hiniktakvikakneaknikata**, titigatyavot nahaotaen hiniktakveoyun.

Hanimon (nahaotaen)	68° 08' 16.5" N	Tokimon (nahaotaen)	106° 36' 52.6" W
Hanimon (nahaotaen)		Tokimon (nahaotaen)	

Alagakpata huvuma kulanetunin hiniktakveoyok:
NTS Nunaoyami Ilagata Napa: _____

Nunavumi Avatilikiyin Katimayin piyumaneagunakhiyun hivunikhivaligutikhanik humeniganik ilagani Havam Kanoginigagun Hivunikhiyutikhani (PSIR-guyok). Imaetuneagunakhiyok Nunan Kanoginigagun Nunaoyani Naonaepkutini (GIS-guyun

ILAGA 4: TUKIHEANAKTUNIK HAVAGIYAOYUMAYUMIK OKAOHEOYUN

Ilaopkayavan tukiheanaktok kanogitunikha havam, avatkutaelilogo 500 taegohet, Kavlunatut Inuktitoto (Inoenaktolo, Kitikmeonetpata). Havam kanoginiga ilakaktukhaogaloak ukuniga:

- Havami havagiyaoyukhan, piyakakne hivitonikhalo;
- Kanoktut aolagutikakneakmaga
- Kitulikak napaktakhat hanayaoneat (ilihimaenaktokhat / atokaphoktakhat);
- Aheagugutikhat ihumagiyaoyun; unalo
- Hivunikhami havakhan, kanoklo kigoagun kanogiliyutikha nunani hunaolikalo pivikhakaknigagun.

ATUGEALIK: HAVAGIYAOYUMAYUMI HULILUGAGUTIN TUNIHIYUTIKAGEAKAKNIKATA NIRB-KUN ILAGA 2 PSIR-MIK TITIGAKHAMIK, INIKTIYAVAN ILAGANI 8-METUN TALVATOAK, TAEMAEGITPAN INIKTIKHIMAYAVAN ILAGANI 5-METUN.

Okaotaoyok ilagiyaani *TMAC-kon 2013-mi Kapihiliktomi Oyagaktakvik Ihoakhaknigani Ilagiyaeniklo Nutaguktikniginik Havaamik Naonaepkotini Napaani 3 Kanoginiganilo A Imaknik Atugeagani Laeseoyum Napaani 2AM-DOH1323.*

ILAGA 5: IHOAKUTIVALOEN ATOKTAOYUKHAN

1. Titiklogit Pikutin (ikutavaloelo, papaotilo, tikmiyan, akhalutivaloelo taemaetun.):

Takologin tamaeta *TMAC-kon 2013-mi Kapihiliktomi Oyagaktakvik Ihoakhaknigani Ilagiyaeniklo Nutaguktikniginik Havaamik Naonaepkotini Napaani 3 Kanoginiganilo A Imaknik Atugeagani Laeseoyum Napaani 2AM-DOH1323-metun.*

2a. Oniktoteaknea okhokhat hivoganaktulo honat atoktaone:

Takologin tamaeta *TMAC-kon 2013-mi Kapihiliktomi Oyagaktakvik Ihoakhaknigani Ilagiyaeniklo Nutaguktikniginik Havaamik Naonaepkotini Napaani 3 Kanoginiganilo A Imaknik Atugeagani Laeseoyum Napaani 2AM-DOH1323-metun) unaloaklo oegoa 4.3-metok.*

2b. Okaohigiyavatin Kuvegitagani Paknaeyaotin.

Takologin tamaeta *TMAC-kon 2013-mi Kapihiliktomi Oyagaktakvik Ihoakhaknigani Ilagiyaeniklo Nutaguktikniginik Havaamik Naonaepkotini Napaani 3 Kanoginiganilo A Imaknik Atugeagani Laeseoyum Napaani 2AM-DOH1323-metun),* taya Kuvegitagani Opalogaeyaon nutaguktiktaoneakuk naonaeteakan nutaguktikniga Kanoginiganik A Imaknik Atogeagani laeseoyum.

3a. Oniktokteaknea uplotoagagan imaknik atoknigin kanogalok:

Aalaguktokagitok Havaak agiktaoniganin atokan Havaamik Naonaepkun Napaa 003.

3b. Tukhikhimavin Napagiya A-mik Laeseoyumik Nunavumi Imalikiyinin Katimayinin?

[X] **IYA** (amendment to current Type A Water Licence 2AMDOH1323**)**

[ ] **IMANAK**

Agiguvin, hunaova napagiya laeseoyum?

[X] **Napagiya A Imaknik Atugeagani Laeseoyok**

[ ] **Napagiya B Imaknik Atugeagani Laeseoyok**

*Tonihiyavutin ayikotaanik tukhiktutim laeseoyuvlunen NIRB-konun

- Takologin ilaoyun ihoakotin

ILAGA 6: IKAGUKNIKUN IMAVALOELO HALUMAGAANIGEAGANI HAVAAN

1. Titigaklogin kanogitunigin ikaguvaloen ilagiyaenik havaagiyaoyomayumi hulilogaagutini:

- Aalaguktokagitok Havaak agiktaoniganin atokan Havaamik Naonaepkun Napaa 003.

2. Okaohigiyavan Ikaguvaloknik Paknaeyaotin.

Taya agiktaohimayok paknaeyaon nutaguktiktaoneaktok naonaekan nutagktiknikhaa.

ILAGA 7: NUNALEN ILAOYUN, AVIKTOKHIMAYUNETUNULO IKAYUHEAGUYUN

1. Titigaklogit nunaliknin kivgaktokte okakatigiyaohimayun, tunilogilo titigakniginik katimayutinun kahaknikata:

Takologin tamaeta *TMAC-kon 2013-mi Kapihiliktomi Oyagaktakvik Ihoakhaknigani Ilagiyaeniklo Nutaguktikniginik Havaamik Naonaepkotini Napaani 3 Kanoginiganilo A Imaknik Atugeagani Laeseoyum Napaani 2AM-DOH1323-metun)* unaloak oegoani 6.

Nunaoyok	Atea	Timeoyok	Uploani okakatigiyaokmata
Ikaloktuteami	Takologo Ilaoyonik Atikaktok	Nunagiyaoyomi Katimayutin	August-mi 2010-mi, June-mi 2011-mi May-mi 2012-mi, March-mi 2013-mi
Okhoktumi	Kulanetotun	Kulanetotun	August-mi 2010-mi, June-mi 2011-mi
Kugaakyukmi	Kulanetotun	Kulanetotun	August-mi 2010-mi, June-mi 2011-mi March-mi 2013-mi
Kugluktumi	Kulanetotun	Kulanetotun	August-mi 2010-mi, June-mi 2011-mi March-mi 2013-mi
Taloyoani	Kulanetotun	Kulanetotun	August-mi 2010-mi, June-mi 2011-mi March-mi 2013-mi

ILAGA 8: HUNALIKA APIKUTIKHAN

1. Kahaknikneakihi kaoyimayaoyunik igilgan inituklenik?

☐ **IYA** ☒ **MANAK**

ILAGA 9: TUKHIGAKTUP SAENEOTA

Saeniyavan uploaniklo titigaklogo tukhiktutin:

Saeneota: **Havanga:** **Uploa:**

OEGUYOK A
Havami Kanogituniginik Tukitagutin

Tikitagani Ineoyun Nunami: Havagiyaoyumayumi ihumagiyakaknikata akhalutikun tikitagani ihumagiyaoyumun aktoknikakpalalimaginikan manikanik.

Nalvakheokveokhaktok: Havagiyaoyumayumi naonaeyaeneakata agitilaginik, peoteaknigilo, kanogitunigilo oyagaktakhan naonaeyageaganilo manileogutaoteakneakmaga havatigulo namateakneakmaga oyagaktakveoliknikan.

Ukeogalok Apkutaoyok: Havagiyaoyumayumi apkutuleogumakpata atoktaoyukhamik ukeogalok.

Uyagaktakhanik Naonaeyaenik: Havagiyaoyumayumi ahivaeneakgumik agiyunik havivalokaktunik oyakanik ukumaeyoaktunik pineaknikata. Naonaeyaevaktun oyagaktakveoyukhamin naonaeyaktaoyumin. Hikuptigilaktun oyakikivikmi (mikaogaloamik).

Angunahoaknik: Havagiyaoyumayumi agunahoakneakata umayunik, takyumeotaniklo huganik ikalokniklunen nunaginaeyin agunahoaklogin nanigeaktoklogilunen nanminik atoktakhamiknik neovgutigiyakhamikniklunen.

Takyumi Hulilugagutin: Hulilugagutin takyumi avataoyumi, umiyanik atoknikata nunami havamikni ikagumiklunen takyumun.

*Kaoyimaneakutin nunaliknun umiyan tikitpaktun akyaktun pikutinik ilaoginman nunami havagiyaoyumayunun ilitokhaktaolimagitun NIRB-kunin (Ilagani 12.12.2-mi NLCA-mi).

Oyagaktakvikhamik Pivaleanik: Havagiyaoyumayumi ahivaeneakata hikuptikhimayunik oyakanik havivalukaktunik ukumaeyoaktuniklo manileogutaotealakan oyagakheokveoligumi (oyagaktak). Oyagaktageagani oyagaktanik anmukpalealotik nunam kaganin iloanugakpalealotiklunen nunamun. Oyagaktaknik oyakikivikalaktok. Oyakikinik ahivakpaleayagani atoklogin pikutin kuviyaktulo piyutin atoktaolaktun ugavageagani akituyok oyagaktakhak.

Oyagaktakvikhakheoknik: Havagiyaoyumayumi kinikheaneakata oyagaktakveoneaktunik nunanik. Nunanik ihivgeoknik (nunakun tikmeakulunen) nanihiyagani agiyunik takunaktuniklo oyagaktakhanik.

Takyumi Pikutin: Havagiyaoyumayumi hananeakata uheyakvikhanik pikutinik hinanin takyumi atanikata nunaloamun takyumin imavaloknilunen avataoyumin. Ayikutaen ukoa tulaktakvik, tunmigaklo, umiyanilune atoktaoyunik.

Ohokyoanik Kasileniklo Nalvakheoknik/Hulilugagutilo: Havagiyaoyumayumi ilakaktumik 1) nalvakheoknikmik, ima kukulaktunoen atoklogin nunaoyatigulunen, 2) ikutakan okhokyoaktakvikhanik kasileniklo, 3) hanakpan atukalo tukhoakyoanik, kasileniklo hanakivikmik okhokyoakakvelunen kasilekakvelunen Nunavumi.

Heogaktakveoyun: Havagiyaoyumayumi heogaktakneagumik, ahivaeneakata heogavaloknik (imaetun, heokan oyagalealo) oyagaktakatalo, ahivaeneakata ataotimetunik oyakanik (imaetun, kaektunik, kikumayuniklo nunanik).

Naonaktunik Naonaeyaenik: Havagiyaoyumayumi atuligeagani iglukakveoyumi hulilugagutinik taotuklogin akliknaktun, naonaeyaklogilo katitigeaklogilo naonaepkutikhan piyageakaktun naonaktunik ilitokhaenikun tikoaktaohimayuni nunani pivikhakaklaktilogilo.

Itiniginik Imavaloen Naonaeyaenik: Havagiyaoyumayumi naonaeyaeneakata nunaoyeogeagani hiliktilagin unugagalok oyakan nalgulogin kanok kokuktunoak utikniga naonaegutaoneakman hiliktilaganik nunam kaganin. Naonaeyaeven takyumelaktun (iloanelimagitun 12-nik maelinik ugahiktilaganik hinanin imam), hinatalo kanitoanilo, unanilaloklo takyumi.

Inigiyaoyun Kiklimaktiknigin: Havagiyaoyumayumi inigiyaoyun kiklimaktikneakata (ukoalo Tulaekakven kiklimaktiktaonigin), ihumagiloakhugin utiktitagani ilitkuheanun kuviyaktuvaloknin halumaekhimayun nunavaloen, aolalimaegeaganilo haohimayun kuvelo, agiptikniginiklo / ikaklogilo napayun pikutin ikaguvaloelo amigilogilo kanogilivaleanigagun kigoagun kiklimaktiktaotakan.

Polaktulikiyutin Havan: Havagiyaoyumayumi aolaktitiyagani tugagaloaktunik tunikgoektigiyutinun, ulapkiyutinulo neamgiyaginageaganilunen tikoaktaohimayumi nunami pivikhakaktilogo hivitunigagun

Ukeoginakmi Apkun: Havagiyaoyumayumi apkutileokneakata ukeomi atoktukhamik atagikhaklogin kikhoktiklogilo kaginaen aputin hikulo. Ukeomi apkutoayok ahivaktaoneakok kikumanaekan ukeom ilagani.

Ukeoginakmi Inin: Havagiyaoyumayumi hananeakata inimik ukeomi atoktukhamik ataotimin tulakaktumin akhalunmin atoklotik poalgiyaonmik, piyageakaknikan.

ᐃᓕᐊ 1 ᑕᑎᓇᐊᓕᖅ
ᓴᓇᕆᐅᔪᖏᓗᑦ ᑐᓴᕐᓯᕐᓂᑦ ᑐᑭᓯᐅᐊᕐᑎᓴᖓ

ᑕᑯᒋᐊᕈᒪᔭᓂ ᓄᓇᕗᒥ ᐊᐢᑎᓕᓚᓱᓕᑯᑦ ᑲᑎᒪᓴᖏᓪᓕ, ᑎᑎᕋᐅᓚᐅᖅ ᑕᑯᑲᐅᖅ, ᑐᑭᓯᐅᐊᕈᒪᔭᓂᓂ ᑕᑯᒋᐊᖅᓯᒪᔭ ᓄᓇᕗᒥ ᐊᐢᑎᓕᓚᓱᓕᑯᑦ ᖃᓄᐃᓕᐅᕈᓐᓇᖅᑐᑦ ᑐᓴᕐᓯᕐᓂᑦ http://ftp.nirb.ca/. ᓄᓇᕗᒥ ᐊᐢᑎᓕᓚᓱᓕᑯᑦ ᑲᑎᒪᓴᖏᓪᓕ ᖃᓄᐃᓕᐅᕈᓐᓇᖅᑐᑦ (www.nirb.ca) ᒪᓕᓇᒥ ᑕᒪᓐᓇᐊᖑᓯᑕᐅᕆᒪᓪᓗ. ᑕᑯᒋᐊᕐᒃ ᐅᓇᑎ info@nirb.ca ᐊᐱᖏᓂᕆᖃᖅᓯᓂᖅᓴᐃᓪᓗ ᑐᑭᓯᐅᐊᖃᓕᓂᔪᓐᓇᓕᓪᓗᑦ.

ᐊᑐᐊᒪᓕᕐᓂᖅ!
ᑐᑭᓯᐅᒪᓂᐊᕐᓴᐳᓯ ᑐᓴᕐᓯᐅᑦᑎᑦ ᖃᐅᔨᒪᕐᑕᐅᓂᐊᖏᕐᓂᖅ ᑭᓯᐊᓂᒃ ᑕᑯᐊᑦ ᓇᓗᓇᐃᑯᓂᖅᓴᕐᓂᑦ 1 -9 ᐱᐊᓂᒃᑕᐅᓪᓚᐅᕐᓂᓗᓂᑦ ᑕᒪᒋᑦ, ᖃᕐᓗᓕᓂᑦ ᐊᐢᑎᓪᓚᑦ ᐃᓄᒃᑎᖅᑐᑦ (+ ᐃᓄᐃᓐᓇᕐᓂᑦ, ᑭᑎᖃᒥᐅᓂᐅᒃᐸᑦ).

ᓇᓗᓇᐃᑯᓂᖅ1: ᑐᓴᕐᓂᑦᑐᑦ ᑐᑭᓯᐊᕐᑎᓴᖓ

1. ᐱᓕᕆᐊᒃᓴᐅᑦ ᑕᐃᔨᓯᖓ **Doris North Mine Project** ᑐᓴᒃ ᓄᓂᑦ ᐅᓱᕐᓯᐅᕐᓇᒃᓴᖓ

2. **ᑐᓴᕐᓂᑦᑐᑦ ᐊᑎᖓ ᑕᒪᑭᐅᒪᓴᓗᓂ ᐊᓚᒐᓗ ᑎᑎᕋᐅᓚᐅᖅ ᑐᑭᓯᐅᐊᕐᑎᓴᖓ:**

TMAC Resources Inc.	ᐅᖃᓕᒫᓐᖓ:	416.628.0126
372 Bay Street, Suite 901	ᓯᒃᔪᓕᓂᑦ:	416.644.9337
Toronto, Ontario M5H 2W9		catharine.farrow@tmacresources.com
	ᖃᓄᐃᓕᐅᖅ:	

3. **ᒃᓚᐅᔪᓐᓇᖅ ᐊᑎᖓ ᑕᒪᑭᐅᒪᓴᓗᓂ ᐊᓚᒐᓗ ᑎᑎᕋᐅᓚᐅᖅ ᑐᑭᓯᐅᐊᕐᑎᓴᖓ:**

Catharine Farrow ᑲᑐᓐ ᐸᑭ	ᐅᖃᓗᑎᒃ:	416-628-0216
	ᓯᒃᔪᓕᓂᑦ:	416 644 9337
		catharine.farrow@tmacresources.com
	ᖃᓄᐃᓕᐅᖅ:	

ᓇᓗᓇᐃᑯᓂᖅ 2: ᐅᑯᐊᑦ ᑐᓴᖏᑕᐅᓯᐊᖃᕐᓂᑦ ᑕᒪᑐᒪᖅ

1. ᓇᓗᓇᐃᑯᓂᕐᓂᓗᓂᑦ ᑕᒪᑭᑦ ᐱᓕᕆᖃᑕᐅᔪᑦ ᑐᓴᖏᑕᐅᓯᐊᖃᖅᓴᖓᓂᑦ ᐱᓕᕆᐊᒃᓴᐅᔪᒪᓪᓗᑦ ᑐᑭᓯᐅᐅᓇᓂᑦ:

X	ᐃᖅᑲᓇᐃᔭᖏᓂᒃ ᐃᓄᐃᑦ ᑲᑎᓕᖃᑎᒌᖓᓂᑦ (RIA)		ᑲᓇᑕᐅᓄᑦ ᐊᑦᑕᓇᖏᑐᐃᓐᓇᐅᔪᑦ (CLS)
X	ᓄᓇᕗᒥ ᐃᒪᓕᕆᔨᑦ ᑲᑎᒪᔨᖓᓂᑦ (NWB)		ᐊᐢᑎᓕᓚᓱᓕᑯᑦ ᑲᓇᑕᒥ (EC)
	ᓄᓇᕗᒥ ᐸᖏᓇᐃᔨᑦ ᑲᑎᒪᔨᖓᓂᑦ (NPC)		ᓄᓇᕗᐸ ᓴᖅᓪᓚᑯᖓᓂᑦ (GN)
X	ᓴᖅᓪᓚᑐᖃᓄᑦᓯᒃ ᐃᓄᓕᕆᔨᑐᖃᓄᑦᓯᒃ ᐱᖅᑎᓕᐊᑎᑎᒋᔨᑦ (AANDC)		ᐅᓇᑦᑐᒃᓴᓯᒃ ᑲᓇᑕᒥ (DND)
X	ᐃᖃᓗᓕᕆᔨᓯᒃ ᐊᓚᒐᓗ ᐃᓚᖏᑕᐅᓕᕆᔨᓯᒃ (DFO)		**ᕼᐊᓪᓕᓯᒃ**
	ᓄᓇᕗᑦᓂ ᓴᖅᓪᓚᕆᔨᓯᒃ ᐊᓚᒐᓗ ᐱᔨᑎᑎᖏᐅᕐᓂᑦ (CG&S)		ᑲᓇᑕᒥ ᒥᖓᐃᔭᕐᓴᐳᓕᕆᔨᓯᒃ (PC)
	ᓄᓇᕗᒥ ᑐᓇᑐᐃᓐᓇᖃᑦᓯᒃ ᖃᐅᔨᓴᕐᓴᐲᖅ (NRI)		ᑲᓇᑕᒥ ᐅᓚᕐᓇᕆᔨᕐᓴᐊᓯᒃ (CWS)
	ᐃᓕᕐᓯᕐᓂᖃᕆᔨᓯᒃ, ᐅᖃᐅᓯᕆᔨᓯᒃ, ᐃᓄᐃᖃᕆᔨᓯᒃ, ᐊᓚᒐᓗ ᓚᐅᓂᕆᔨᓯᒃ (CLEY)		ᐊᓯᖏᓂᑦ (ᑭᑐᖅᓯᒪᓂ ᑎᑎᕋᐅᓚᐅᖅ):

2. **ᑎᑎᕋᐅᓚᐅᖅ ᐊᑐᕐᑕᐅᔪᑦ ᐱᔪᓐᓇᐅᑎᖅ, ᓇᐃᓴᕐᓗ, ᐅᓪᓗᒥᐅᓂᑦ ᐊᓯᖏᓂᑦ ᐊᑐᕐᑕᐅᔪᑦ ᑐᓴᖓᔪᑦ ᑕᒪᑐᒪᖅ ᐱᓕᕆᐊᒃᓴᐅᔪᒪᓪᓗᑦ ᐅᕙᓂᖏᓐᓂᓗ ᐃᓱᓕᖏᓐᓂᑦ ᑎᑎᕋᐅᓚᐅᖅ:**

ᓄᓇᕗᒻ ᐊᕐᕌᒍᓱᐊᕐᓂᖅ ᑲᑎᒪᔨᖏᑦ ᓇᓗᓇᐃᓕᓴᕐᓂᖅ ᓇᓱᐅᑎᖅ 3

ᓄᓇᕗᒻ ᐃᒪᓕᕆᔨᓕᕐᓂᖅ ᑲᑎᒪᔨᖏᑦ ᓇᓗᓇᐃᓕᓴᕐᓂᖅ ᐃᒪᓐᒧᑦ ᓇᓱᐅᑎᖅ. 2AM-DOH1323 (, 2023)

ᐊᖏᓪᓗ 15, 2023 ᑭᐊᐃᓕᓴᕐᓂ ᐊᑐᐃᑐᐊᖅᑕᐅᑎᑕᖅ ᓇᓱᐅᑎᖅ. KTCL313D001 (ᓴᓪᓕ< 13, 2018)

3. ᑎᑎᕋᓗᓪᓕᕐᓂ <u>ᐊᑐᖅᑕᐅᓇᓐᓂᖅ</u> ᐱᓕᕆᓇᐅᑎᓂ, ᓯᐃᓴᖅ, ᐅᓪᓚᓗᓂ ᐊᓯᖏᓪᓕ ᐊᑐᖅᑕᐅᓕᐊᖏᖅᓂᖅ ᑐᓴᖏᓚᐊᓪᓕ ᑕᓯᒪᔨᐃᓪᓕ ᑕᓯᒪᓂᖅ ᐱᓕᕆᖏᓐᓇᓕᒫᓂᖅ ᑐᓴᕐᕋᑎᒃ:

ᐊᖏᕈᐊᖅᑕᐅᓴᐅᐅᓪᓕ ᐃᒪᓐᒧᑦ ᓯᐃᓴᖅ. 2AM-DOH1323 (ᑐᓂᐅᐅᓯᕆᐅᑎᖅᑐᑦ ᓄᓇᕗᒻ ᐃᒪᓕᕆᓇ ᑲᑎᒪᔨᖏᓐᓂᒃ ᐊᑐᓪᓕᒥ, November 2013

*ᑎᑎᖅᑲᐅᓪᓕ ᐊᓯᔾᔨᓂᒃ ᑐᓂᓯᓂᐊᖅᑐᑦ ᑐᓴᖏᐅᑉᐅᖏᓪᓕᐊᓗᓕᕆᓂᒃ ᓄᓇᕗᒻ ᐊᕐᕌᒍᓱᐊᕐᓂᖅ ᑲᑎᒪᔨᖏᓐᓂᖅ.

4. ᑕᓐᓇ ᐱᓕᕆᓇᖏᓐᓇᖅ ᐅᓪᓚᓗᓂ <u>ᐊᓯᖏᓪᓕ ᐃᓗᓕᖏᓪᓕ ᐱᓕᕆᓇᖏᓐᓇᐅᓪᓕ</u> ᖃᑎᖅᑐᐊᖏᑕᐅᓕᐅᔨᓪᓕᑦ ᑐᓴᓯᐅᐅᓇᓗᓂᒃ ᓄᓇᕗᒻ ᐊᕐᕌᒍᓱᐊᕐᓂᖅ ᑲᑎᒪᔨᖏᓐᓂᖅ?

■ ᐃᓐ ☐ ᐊᓂᓇ

ᐊᖏᖏᓯᒪᓂᑦ, ᑎᑎᕋᓗᒍ ᐱᓕᕆᓇᖓᓕᐅᕐᓴᖏᓐᓂᑦ ᐊᑎᖓ ᐊᓂᒪᓗ ᓄᓇᕗᒻ ᐊᕐᕌᒍᓱᐊᕐᓂᖅ ᑲᑎᒪᔨᖏᓐᓂᑕ ᑎᑎᖅᑲᐅᑎᖓᑕ ᓇᓱᐅᑉ.

05MN047 Doris North Gold Mine 2006

ᓇᓗᓇᐃᓕᓴᕐᓂᖓ3: ᐱᓕᕆᓇᖓᓂᕐᓂᖏᓐᓇᖅ ᑐᓴᖏᑎᖓᑕ ᓯᓇᐅᓂᖓᓂᒃ ᐅᓂᒃᑯᓯᒪᔪᖅ

1. ᑎᑎᕋᓗᒍ ᖃᓄᐃᓕᑐᓂᖓ ᐱᓕᕆᓇᖓᔪᓕᐊᓂᖅ ᑐᓴᖏᐅᑦ (ᖃᐅᔨᓴᓗᓂᒃ ᐊᑐᖏᐅᓂᐊᖏᑐᑦ ᑕᒪᖏᑦ)[1,2]:
(ᑕᑯᓂᐊᓗᒍ ᐅᐃᒍᐊᐊ ᐱᓕᕆᓇᖅᑐᐅᖅ ᖃᓄᐃᓕᑐᓂᖓᓂᒃ)

1	ᐊᐅᔨᑦᑐ ᐅᑭᐅᑦᓱ ᐊᑐᖏᑕᐅᔪᓐᓇᖏᓐᓄᑦ ᐊᖏᖏᑦ	☐	**9**	ᓴᓇᕕᐅᔪᖅᓄᑦ ᓴᓪᓕᐅᑎᖏᑕᐅᓱᓂᓱ ᓄᓇᓕᖕᒪᖏᑕᐅᓱᓂᓱ	☐
2	ᐅᑭᐅᑦᑐ ᐊᖏᖏᑦᑐᓪᓕᒪᔪᖅ/ᐅᑭᐅᑦᑐᓱᓂᓱ ᐊᑐᖏᑕᖃᖏᑕᖏᖅ	☐	**10**	ᐅᖅᓯᐊᓱᓂᕆᓂᖅ ᐊᓚᓱᓗ ᓴᓯᓂᕆᓂᖅ ᐊᑐᖏᑕᐅᔪ	☐
3	ᐅᐅᖏᓯᐅᖏᓕᕐᓂᖅ	☐	**11**	ᐃᒪᖅᒥ ᐱᓕᕆᓇᖓᔪᓂ	☐
4	ᐅᐅᖏᓯᐅᖏᓕᐅᕈᑎᓯᒪᔪᖅ	☐	**12**	ᖃᐅᔨᓴᖏᑕᐅᓯᒪᔪᓂ ᑲᓇᑕᒥ ᐅᑭᐅᖅᑕᖏᑐᐊᓂ*	☐
5	ᐅᐅᖏᓯᐅᖏᓕᓴᒃᒥ ᓴᖅᑕᐅᓕᓂᓕᐊᔪᓂ/ᖃᐅᔨᓴᖏᑕᐅᔪᓂ ᓴᓇᓴᓴᐃᓂ	■	**13**	ᐊᖓᔪᓇᓕᖏᓕᐅᕈᑐᑦᑕ*	☐
6	ᐅᐅᖏᓯᐅᖏᓕᕐᓂᖅ ᐃᑎᖏᓂᕐᓯᒪᔪᓂᓗ ᐅᐅᖏᓯᐅᖏᓕᓴᖏᓂ	☐	**14**	ᐳᓪᖏᑐᒧᑦ ᐊᑐᖏᑕᐅᔪᓂ*	☐
7	ᑕᓗᐅᒥ ᐱᓕᕆᓇᖓᓕᔪᓂ (ᐅᓯᓂᑐᖅᓴᓂ, ᐅᖓᓕᐊᓕᐅᖏᓕᕐᓯᒪᔪᓂ, ᑐᓪᓕᖏᑕᓴᓂ)	■	**15**	ᓕᓯᖏᓂ(2):	☐
8	ᓄᓇ ᓴᔪᖅᖏᑕᓗᓇᓕᓴᓂᓄᑦ ᖃᐅᔨᓴᖏᓐᓂᖅ	☐			☐

<u>ᑐᓂᓯᓴᓕᖏᓂ:</u>

1. ᑕᒪᖏᑦ ᐱᓕᕆᓇᖓᓕᔪᓂ ᖃᓄᐃᓕᑐᓂᖓᖏᑦ ᖃᓚᓕᓂ, ᑕᑯᐊᑦᓕᓂ ᑭᓯᒥ ᓇᓱᓇᐃᓂᕐᓂᓯᒪᔪᓂ ᐅᔨᓗᐊᓕᓴᓂᖓᓂᒃ, ᑐᓂᓯᖏᑐᑦ ᑎᑎᕋᖅᓯᐅᐅᓇᓐᓂᑦ ᑐᓂᓯᑕᐅᔨᓴᓂᑦ **ᐃᓕᓐᓂ 2 ᐱᓕᕆᓇᖓᓕᔪᓂ ᑐᓂᓯᑕᐅᔨᓴᖏᓂᒃ ᓯᓚᓂᐊᓂᓂᖓᓐᓂᒃ ᑕᑕᑎᓇᓕᒃ ᑎᑎᕋᖅᑕᐅᓯᐊᖏᓐᓄᑦ.** ᓄᓇᕗᒻ ᐊᕐᕌᒍᓱᐊᕐᓂᖅ ᑲᑎᒪᔨᖏᓐᓂᖅ ᑐᓂᓯᖏᑐᑎ ᖃᑎᖅᑐᐊᖏᑕᐅᓕᐅᕐᓴᖏᓐᓂᖅ ᑭᓯᐊᓂᒃ ᐃᓕᓐᓂ 2 ᑎᑎᕋᖅᑕᐅᓯᒪᓕᕐᓂᖅᑕ ᑕᑕᑎᓇᓕᒃᓂᑦ.

2. ᑐᓂᓯᑕᒪᓂᐊᖏᓐᓇ ᑕᑯᐊᑦ ᐱᐊᓂᒃᑕᐅᓯᒪᓂᐊᖏᖅᑎᓪᓕᐊᓂᑦ ᓄᓇᕗᒻ ᐊᕐᕌᒍᓱᐊᕐᓂᖅ ᑲᑎᒪᔨᖏᓐᓂᖅ ᑐᓂᓯᓯᐊᖅᓂᓯᒪᓂᐊᖏᖅᑐᓕᑕ ᑕᒪᓐᓇ ᐱᓕᕆᓇᖓᔪᓐᓇᓕᒫᓂᖅᓂᑦ.

3. ᑕᐃᒪᓕ "ᐊᓯᖏᓪᓕᐅᓕᓯᒪᔪᖅ ᓇᓗᓇᐃᓕᓴᕐᓂᑕᐅᓴᐅᑦ, ᑐᓴᖏᑕᐅᓕᓂᒃ ᓄᓇᕗᒻ ᐊᕐᕌᒍᓱᐊᕐᓂᖅ ᑲᑎᒪᔨᖏᓐᓂᖅ ᖃᓄᖅ ᐊᖏᕈᐊᖅᑕᐅᓯᐊᓂᒃ ᐃᓕᓐᓂ 2 ᑕᑕᑎᓇᓕᒃᓂᑦ ᑕᑕᑎᓂᑕᐅᓕᐅᕐᓴᖏᓐᓂᖅ.

2. ᐱᓕᕆᐊᒃᓴᐅᔪᖅ ᓇᓴᐅᑎᖃᕐᐸᑦ 3, 4 ᐅᕙᓖᓐᓃᑦ 5-ᒥᒃ ᓇᓗᓇᐃᖁᑦᑎᕐᓯᒪᒃᐸᑦ ᖁᓛᓂ, ᐅᖃᐅᓯᕆᓗᒍ ᐅᔭᖅᓯᐅᕐᑕᐅᔪᖅ ᐱᔭᐅᖁᔪᒪᓂᖖᓂᒃ. ᓱᓇᐅᓂᖖᓂᒃᓗ ᑎᑎᕋᕐᓗᒍ.

- ☒ ᓴᕕᒃᓴᑦ ᐊᑦᐳᒥᖕᒥᓐᓂᖕᒥᑦ (ᐊᕿᕈᖅ, ᑳᓐᓄᔭᖅ, ᒍᓗ, ᓴᕕᒃᓴᖅ, ᐊᓯᖕᒥᑦᓗ) ᒍᓗ
- ☐ ᐊᓕᒎᔭᑦ
- ☐ ᓄᖑᑦᑐᐃᑦᑐᖅ
- ☐ ᐸᓯᖕᒥᑦ: ____________________

3a. ᐱᓕᕆᐊᖑᔪᖅ ᐃᒪᐃᑦᑑᒃᐸᑦ ᓇᓴᐅᑎᖏᑦ 12, 13 ᐅᕙᓘᓐᓃᑦ 14 ᓇᓗᓇᐃᖁᑦᑎᕐᑕᐅᓯᒪᒃᐸᑕ ᖁᓛᒍᑦ, ᑎᑎᕋᓇᐊᓛᑦ ᑎᑎᕋᓗᒥᑦ ᐊᐱᖁᑕᐅᔪᑦᓗ ᐊᑖᓂ.

ᐃᖏᕐᔭᕈᑕᐅᔪᖅ ᓱᓇᐅᕙ	ᖃᑉᓯᐅᕙᑦ	ᓱᓇᒧᑦ ᐊᑐᕐᑕᐅᕙ	ᖃᓄᖅ ᐊᑯᓂᐅᑎᒋᔪᒥᒃ ᐊᑐᕐᑕᐅᕙ
ᐆᒃᑐᑎᒋᓗᒍ ᖁᓕᒥᒍᓕᒃ	*1*	*ᓴᓇᔭᕐᑐᖅᑐᓄᑦ ᓴᓈᓂᒃᑐᓄᑦᓗ*	*6 ᐅᑉᓗᑦ*

3b. ᐅᓂᑲᐅᓯᕆᓗᒥᑦ ᑐᓚᒃᑕᕐᕕᖃᕐᐸᑦ, ᐃᒪᕐᒥ ᓇᐸᔪᑦ ᓇᓗᓇᐃᑯᑕᑦ, ᒥᑦᑕᕐᕕᒃ ᐅᕙᓘᓐᓃᑦ ᐊᑐᕐᑕᐅᓂᐊᕐᑐᑦ ᐱᓕᕆᕕᐅᓂᐊᕐᑐᖅ ᓴᓇᕕᐅᓂᖓᓂ. ᖃᐅᔨᒪᓂᐊᕐᐳᑎᑦ: *ᓄᑖᑦ ᓴᓇᔭᐅᓂᐊᕐᑎᑦᓗᒥᑦ ᐅᑯᓇᓂ ᑎᑎᕋᕐᓯᒪᒋᐊᖃᕐᓂᐊᕐᑐᑦ ᐃᓚᖓ 2 ᑕᑕᑎᓇᐊᓕᒃᓂ.*

ᐊᕙᒻᒧᑦ ᑰᒪᔭᕐᑐᑦᓗ ᐊᒻᒪᓗ ᐃᒪᕐᒧᑦ ᓴᓗᒪᐃᑦᑐᒧᑦ ᑰᖕᕕᐅᔪᑦ ᒪᓂᕋᖅ ᐃᒪᕐᒧᑦᓗ ᓱᐸᓗᓕᐅᕐᓯᒪᔪᖅ ᖃᓄᐃᓐᓂᖓ ᐅᓂᖄᕐᓯᒪᒋᐊᖃᕐᑐᖅ ᑎᑎᕋᕐᓯᒪᓗᑎᒃ

TMAC-ᑯᑦ 2013-ᒥ. ᑐᓇᔅ ᓄᕐᑯᑦ ᐅᔭᖅᓯᐅᕐᑎᖏᑦ ᐊᕿᒥᐊᕐᑕᐅᓚᐅᕐᒪᑕ ᐊᒻᒪᓗ ᑕᒪᑯᐊᑦ ᐊᕿᒥᐊᕐᑕᐅᒥᐊᖃᕐᑐᑦ ᐱᓕᕆᐊᖑᓂᐊᕐᑎᖅ ᓇᓴᐅᑎᖃᕐᓗᓂ 3

ᐊᒻᒪᓗ ᐃᒪᐅᑉ ᓚᐃᓴᖕ ᓇᓴᐅᑎᖓᑦ. 2AM-DOH1323. ᑕᐃᒪᓗ ᐳᒃᑖᕐᑐᒥᒃ ᐃᒪᓂ ᑐᓚᒃᑕᕐᕕᖁᑐᖅ ᒥᑎᔪᒥᒃ ᐊᒻᒪᓗ ᒥᑦᑕᕐᕕᖃᕐᓗᓂ ᑎᒃᒥᓲᒧᑦ ᐊᑐᕐᑕᐅᖃᑦᑕᖅᒪᓂᐊᕐᑐᖅ ᓴᓇᓂᖕᒥᓐᓂ ᑕᐃᑲᓂ.

3c. ᓴᓇᒧᓄᑦ ᓯᓂᒃᑕᕐᕕᓕᐅᕐᓂᐊᕐᐸᑕ, ᐅᓂᑲᑦᑎᐊᕐᓯᒪᓗᓂ ᖃᓄᖅ ᓴᓇᓯᒪᓂᐊᕐᓂᖓ ᖃᓄᐃᑦᑐᓂᒃᓗ ᐆᒪᖁᑎᖃᕐᓂᐊᕐᓂᖓ ᐅᖃᕐᓯᒪᓗᓂ.

ᑕᐃᒪ ᐅᓂᑲᐅᓯᐅᓯᒪᒃᒪᑦ ᑎᑎᕋᕐᓯᒪᐸᓗᓂ *TMAC-ᑯᑦ. 2013. ᑐᓇᑉ ᓄᕐᑦ ᐅᔭᖅᓯᐅᕐᕕᖓ ᐊᕿᒥᐊᕐᑕᐅᓯᒪᒃᒪᑦ ᐊᕿᒥᐊᓇᐊᖃᕐᑐᑦ ᒪᓕᑦᒃᓗᒥᑦ*

ᐱᓕᕆᐊᖑᓂᐊᕐᑐᒧᑦ ᓇᓗᓇᐃᖁᑕᖓ ᓇᓴᐅᑎᖓ 3 ᐊᒻᒪᓗ ᖃᓄᐃᑦᑑᓂᖓ ᐃᒪᕐᒧᑦ ᓚᐃᓴᖓᑕ ᓇᓴᐅᑎᖓ. 2AM-DOH1323

TMAC -ᑯᑦ ᐃᓚᖓᓂᑯᑦ ᓴᓇᔪᓄᑦ ᓯᓂᒃᑕᕐᕕᖃᖃᕐᓂᐊᕐᑐᒃᓴᐅᔪᑦ ᐊᕿᑕᐅᓯᒪᓗᓂ ᓴᓇᓯᒪᓗᓂ

ᓯᓂᒃᑕᕐᕕᖓᑦ ᑲᓕᐅᓗᓂ ᐅᒥᐊᕐᔪᐊᕐᒧᑦ ᐳᒃᑖᕐᓗᓂ ᐃᒫᓐᓂ.

4. ᓴᓇᓂᐊᕐᑐᑦ

ᑲᑎᑦᓗᒥᑦ ᖃᑉᓯᐅᓂᖏᑦ ᓴᓇᓂᐊᕐᑐᑦ ᐅᔭᖅᓯᐅᕐᕕᒃᒥ = (A) 360 (ᑐᓇᔅᓄᕐᒥ)

ᑲᑎᑦᓗᒥᑦ ᐅᑉᓗᑦ ᓴᓇᓕᐊᕐᑐᑦ = (B) 365

ᑲᑎᑦᓗᒥᑦ ᓴᓇᔪᑦ ᐅᑉᓗᑯᑦ
(A) × (B) = 131,400 (ᑐᓇᑉ ᓗᕐᒥ)

4. ᖃᓄᖅ ᐊᑯᓂᐅᑎᒋᔪᒥᒃ

<u>ᓴᓇᓂᐊᕐᓂᖏᑦ</u>
ᖃᖓᑯᑦ ᓴᓇᒥᐊᕐᓂᐊᕐᓂᖏᑦ: July/2014 (ᑕᕿᒃ/ᐅᑭᐅᖅ) : ᐊᒐᓯᖃᖓᑯᑦ ᓴᓇᓂᒃᓂᐊᕐᓂᖏᑦ December /2015 (ᑕᕿᒃ/ᐅᑭᐅᖅ)

<u>ᓴᓇᓂᐊᕐᓂᖏᑦ</u>
ᐱᒋᐊᕕᒃᓴᖓ ᐅᖃᐅᓯᐅᓯᒪᔪᖅ ᐅᑉᓗᐊ: January/2015 (ᑕᕿᒃ/ᐅᑭᐅᖅ) ᓴᓇᓂᒃᓂᐊᖅᓱᒋᔭᐅᔪᑦ ᐅᕙᓂ: December 2019 (ᑕᕿᒃ/ᐅᑭᐅᖅ)

ᐅᑯᐊᖅᑐᑦᓯᒪᓕᒃᑲᓂᖅ

ᐅᓪᓗᒥ ᐅᑯᐊᖅᑕᐅᓂᒃᑎᓕᐊᖅᑐᑦᓯᒪᓕᒃᑲᓂᖅ: January/2020 ᐱᐊᓂᖅᑕᐅᓂᒃᑎᓕᐅᕙᖅᑐᑦᓯᒪᓕᒃᑲᓂᖅ December/2022
(ᑕᖅᑭᒃ/ᐅᑭᐅᖅ) (ᑕᖅᑭᒃ/ᐅᑭᐅᖅ)

ᐅᓚᑯᐊᖅᑕᐅᓯᒪᔪᓕᐊᓂᖅ

ᐅᓚᑯᐊᖅᑕᐅᓯᒪᔪᓕᐊᓂᖅᑕ January /2023ᐅᓪᓗᐊ ᐱᐊᓂᖅᑕᐅᓕᕆᓂᖅ: December/2029
(ᑕᖅᖃᓄᖅ/ᐅᑭᐅᖅ) (ᑕᖅᑭᒃ/ᐅᑭᐅᖅ)

6a. ᐊᐅᓚᑦᓱᒪᒪᐅᑎᒍᓂ (ᑎᑎᕋᔪᓗᒍ ᓴᓇᐅᓂᐊᕐᓂᖅ):

☐	ᖃᐅᔨᒋᓪᓚᕆ ᐊᓚᒍᓂ	☐	ᑭᓯᓪᓕᖅ	X	ᖃᑎᖃᒥᐅᓂ	☐	ᓄᓇᕗᒍᓯ ᑭᔨᓕᖏᓂ: _____
☐	ᖃᐅᔨᒋᓪᓚᕆ ᓂᒥᒍᓂ	☐	ᒥᖓᐃᓴᓱᕐᓇᖅ				

6b. ᐅᓂᐅᐅᓱᓚᓗᒍ ᓴᓇᐅᓂᐊᕐᓂᑦ ᓄᓇᖏ ᓱᓇᓂᒃᓗ ᓴᓇᓂᐊᕐᓂᖅᓯᑦ ᖃᑎᖃᒥᐅᓂ, ᓄᓇᕗᒃᓗ ᓇᕗᐊᑦ ᖃᓂᒋᖏᓐᓂᖅ ᑲᓐᖏᖓ ᓴᓇᐅᓂᐊᕐᓂᑐᒪᑦ ᓄᓇᐃᓕᓗᓂᑦ ᓴᓪᓕᐊᓯᓗᓂᑦ ᐃᓚᖃᖅᓂᕐᓂᑦ.

ᑕᒪᒋᐊᕐᓗᒍ *TMAC. 2013. ᑐᓴᐅ ᓄᓐᓂ ᐅᔾᔨᓱᐅᖅᓯᐊᐊ ᐊᖏᕈᒋᐊᕐᑕᐅᓂᖏᓐᖓ ᐊᓖᒪᓗ ᐊᖏᕈᒋᐊᓴᖃᖅᖏᓐᓂᑦ ᒪᓕᒃᓴᓗᓂᑦ ᐱᓕᓴᐃᓚᐅᓂᐊᕐᓂᑦ ᓄᓗᐃᑉᐳᓂᑦ ᓴᓇᔨᓕᐅᓂᖅ 3*
ᐊᓖᒪᓗ ᐃᒪᓐᓕᓂ ᓕᐃᔪᖏᓂᑦ ᓴᓇᔨᓕᐅᓂᖅ. 2AM-DOH1323.

6c. ᐅᓂᐅᐅᓱᓚᓗᒍ ᐱᓕᓴᐃᓚᓕᐅᓐᓇᒪᓐᓇᓕᑦ ᓴᓇᐃᓚᐅᓂᐊᕐᓂᖅ ᓱᓇᑐᐃᓐᓇᖅᓄᓂ ᓴᓇᐃᓚᓕᐅᓐᓇᒪᒋᐊᕐᓂᖓᓂᐅᖅ ᐊᖏᒪᓗ ᐊᖏᐅᒪᑎᑕᐅᓕᐅᓐᓇᓕᑦ ᐱᓕᓴᐃᓕᓴᐅᓂᐊᕐᓂᓕᒃᑲᒪᒍ.

- ᐅᔾᔨᓱᐅᓐᓇᖅ ᓴᓇᔭᐅᑎᐊᓕᐅᓐᓇᖅ ᐊᑕᐅᓱᐅᑦᓗᓂ ᐱᓕᓴᐃᓚᐅᓂᐊᕐᓂᑦ ᓄᓇᓗᐊᖅᑐᖅᓯᓂ 003 ᑕᐢᓇ ᐱᓕᓴᐃᓚᐅᓂᐊᕐᓂᖅ ᐊᖏᐅᒪᑎᑕᐅᓂᐊᕐᓂᖅ ᐅᑕᖏᓕᕆᓐᓇᖅᓄᓂ ᐱᐊᓂᖅᑕᐅᓂᐊᕐᓂᖅᓯᓂ. ᐅᓪᓗᒥᒃ ᑎᑭᑦᓗᒍ ᐅᔾᔨᓱᐅᓐᓇᓂᐊᓕᐅᓐᓇᒪᓂᑐᖅ ᓴᓇᓕᐃᓐᓇᖅᓄᓂ ᓄᓐᓀᓐᓇᓕᐅᓐᓇᖅᓄᓂ ᓴᓪᓕ.

6d. ᐅᖅᐅᓱᓚᓗᒍ ᑕᒪᓂ ᖃᓄᐃᓐᑐᐃᓐᓇᓂᓐᓄᑦ ᖃᐅᔨᒪᔭᐅᓂᖅᓴᑦ ᐃᑦᑎᓂᕐᑕᖅᓚᐊᖅᓴᖅᓄᑦ ᖃᖅᒪᐃᓂᓯᑎᖅᓚᐊᖅᓴᖅᓄᑦᓗ ᑕᒪᓂ.

- ᑕᒧᓗᒍ ᐅᐃᒍᐊ ᓇᓴᐅᑎᓂᑦ 13 ᐃᓕᓂᐅᑎᓯᒪᓂᖅ *TMAC. 2013. ᑐᓴᐅ ᓄᓐᓂ ᐅᔾᔨᓱᐅᓐᓇᐊ ᐊᖏᕈᒋᐊᕐᑕᐅᓂᖏᓐᖓ ᐊᓖᒪᓗ ᐅᐃᒍᓂᐅᑎᓯᒪᔪᓕᐊᓂᖅᓯᓂᖅ ᐱᓕᓴᐃᓚᐅᓂᐊᕐᓂᖅ ᓄᓇᓕᒫᒃᑯᓂᖅ ᓴᓇᔨᓕᐅᓂᖅ 3 ᐊᖓᒪᓗ ᓕᐃᔪᖏᓂᑦ ᓴᓇᔨᓕᐅᓂᖅ. 2AM-DOH1323*

7. ᓄᓇᕗᒍᓯ ᖃᓄᐃᓐᓂᖅ (ᑎᑎᕋᔪᓂᑦ ᑕᒪᓐᓇᖅᑐᑦ ᐊᑐᐊᕐᓂᖅᓯᒪᔪᓂᑦ):

X	ᓚᖏᒪᑐᖃᓕᑦ (ᓇᐸᔨᓱᒪᓂᑦ ᐃᒪᓐ)	☐	ᑲᒥᔨᓇᐃᑦ	☐	ᕼᐊᓕᔨᑦ
X	ᐃᓄᐃᑦ ᓇᑎᓐᖓ ᓄᓇᖃᑎᖓ	X	ᐃᓄᐃᑦ ᓇᑎᓐᖓ ᓄᓇᕗᒍᓯ ᖃᓄᐃᓐᓂᖅ ᓄᓇᖃᑎᖓᓂᑦ		

8a. ᓄᓇ ᓇᐸᑦᓂᖅ ᑕᒪᓐᓇᑎᒥᓂᑦ:

ᓇᐃᖅᓯᓂᖅ ᑕᑭᓂᖅ (ᓇᓴᐅᑎᓓᓕᖅᑐᑦ)	68° 06’ N	ᓴᓂᒪᑦ ᑕᑭᓂᖅ (ᓇᓴᐅᑎᓓᓕᒫᖅ)	106° 32’ W
ᑕᑭᓯᓂᖅ (ᓇᓴᐅᑎᓓᓕᖅᑐᑦ)	68° 11’ N	ᓇᓂᒪᑦ ᑕᑭᓂᖅ (ᓇᓴᐅᑎᓓᓕᒫᖅ)	106° 38’ W

ᓄᓇᖏᓕᐊᑦ ᓇᓴᐅᑎᖓ: _____
(ᓄᓇᖏᓕᐊᖅᑎᓪ ᐃᓕᓴᐅᑎᓯᒪᓂᐊᕐᓂᖅ ᑲᓐᓂᓂ (1:50,000 **ᐱᑕᖃᓯᓂᑦᑕᑦ**, 1:250, 000 **ᐊᑐᐊᕐᑕᐅᓂᖏᓐᓇᓕᑦ**) ᐱᓕᕆᔨᓇᓐᓂᑦ ᐱᓕᖃᓐᓂᓯᓇᓐᓂᖅᓄᓂᓗᓄᑦ ᐱᓕᓴᐅᔨᔪᓂᓄᓂ ᖃᓇᑕᒥ)

8b. ᐱᓕᓴᐃᓚᐅᓂᐊᕐᓂᑦ ᑐᓴᕐᓴᐅᑎᑦ ᓇᐃᖅᓯᓂᖅ **ᓱᓂᑦᓯᓂᓴᓂᖅ** ᐃᓕᐅᓂᑦᑕᑦ, ᓇᓂᓂᐊᓚᐊᓂᖅᓄᓂ ᓇᓴᐅᓇᓱᒪᓗᒍ

ᓇᐃᖅᓯᓂᖅ ᑕᑭᓂᖅ (ᓇᓴᐅᑎᓓᓕᖅᑐᑦ)	68° 08’ 16.5” N	ᓇᐃᖅᓯᓂᖅ ᓴᓂᒪᑦ (ᓇᓴᐅᑎᓓᓕᒫᖅ)	106° 36’ 52.6” W
ᑕᑭᓯᓂᖅ ᑕᑭᓂᖅ (ᓇᓴᐅᑎᓓᓕᒫᖅ)		ᑕᑭᓯᓂᖅ ᓴᓂᒪᑦ (ᓇᓴᐅᑎᓓᓕᒫᖅ)	

ᐊᑦᑐᕐᓂᑦᓯᓗᒍ ᓴᓇᐅᑦ ᓱᓂᑦᓯᓂᓴᓂᖅᓄᓂ ᓇᐃᖅᓯᓂᖅ:
ᓄᓇᕗᒍᓯ ᓇᓴᐅᑎᖓ

ᑎᑎᖅᓱᒍ :

ᓄᓇᖑᐊᑦ ᐃᓚᓕᐅᑎᓯᒪᓗᒋᑦ ᑕᑯᓄᖕᒐ ᑎᑎᕐᓯᒪᔪᓄᑦ (1:50,000 **ᐱᑕᖅᑉᐸᑦ**, 1:250, 000 **ᐊᑐᕐᑕᐅᖁᔭᐅᒃᒪᑦ**) ᐱᔭᐅᔪᓐᓇᕐᑐᑦ ᐱᕈᑲᓐᓂᕈᓐᓇᖏᑦᑐᓄᑦ ᐱᓕᕆᕖᐅᔪᒥ ᑲᓇᑕᒥ

ᑐᑭᓯᐅᒪᓂᐊᕐᐳᓯ ᐊᓯᐊᓄᑦᑕᐅᖅ ᐱᓕᕆᕖᐅᔪᒧᑦ ᑐᑭᓯᒋᐊᕈᑎᒃᓴᖅᑐᖅᑲᓐᓂᕐᑐᑦ ᑐᑭᓯᒋᐊᑲᓐᓂᕈᒪᒍᑉᓯ ᓱᓇᓂᒃ ᑐᒃᓯᕋᑲᓐᓂᓇᐊᒃᓴᖏᓐᓂᒃ ᐱᓕᓇᔪᒪᔪᑦ. ᑕᒪᓐᓇ ᑐᑭᓯᒋᐊᕐᑕᐅᑲᓐᓂᕈᓐᓇᕐᑐᖅ ᖃᓇᑕᐅᔭᖁᑦ ᑎᑎᕐᓯᒪᔪᑦ ᑐᑭᓯᒋᐊᕈᑎᒃᓴᑦ ᐊᑐᐃᓐᓇᐅᒃᒪᑕ.

ᓇᓗᓇᐃᖁᑕᖓ 4: ᑐᒃᓯᕋᐅᑕᐅᔪᑦ ᓱᓇᐅᓂᖏᑦ ᑐᑭᓂᐅᕐᓯᒪᔪᑦ ᐱᓕᕆᕖᐅᓂᐊᕐᑐᒥ

ᓱᑎᓕᐅᕐᓂᐊᕐᐸᕐᓯ ᑕᑯᐊᑦ ᐱᓕᕆᕖᐅᓂᐊᕐᑐᒧᑦ ᑐᒃᓯᕋᐅᓯᐅᕐᑕᐅᓯᒪᔪᑦ, ᐅᖅᑲᐅᓰᑦ 500 ᐅᖓᑖᓄᐊᕐᑕᐃᓕᓗᒋᑦ, ᑲᑦᓗᓈᑦ ᐃᓄᒃᑐᑦᓗ (ᐃᓄᐃᓐᓇᕐᑐᑦ, ᕿᑎᖅᒥᐅᓂᓂᐊᕐᐸᑦ). ᐱᓕᕆᕖᐅᓂᐊᕐᑐᓄᑦ ᑐᒃᓯᕋᐅᑎᑦ ᐃᒪᓐᓇ ᑎᑎᕐᒪᒋᐊᖅᑐᑦ ᐊᑕᓂ:

- ᐱᓕᕆᕖᐅᓂᐊᕐᑐᒥ ᓱᓇᓂᒃ ᐱᓕᕆᐊᖅᓂᐊᕐᐊᑦ, ᐊᑐᕐᑕᐅᓂᐊᕐᐸᑦ ᑕᐃᑲᓂᓐᓂᖏᓐᓂ;
- ᖃᓄᖅ ᐊᕚᒧᑦ ᐃᖏᖅᔭᕈᑎᖅᑎᕐᓂᐊᕐᐊᑦ;
- ᓱᓇᓂᒃ ᓇᐸᕐᑎᕆᓂᐊᕐᐸᑦ (ᐊᑐᕐᑕᐅᖏᓐᓇᕐᓂᐊᕐᑐᑦ/ᐊᑐᕐᑕᐅᕆᓐᓇᕐᓂᐊᖏᑦᑐᑦ);
- ᓇᐅᑎᐅᒪᑎᒃᓴᐅᓂᐊᕐᑐᑦ ᐊᕙᓕᕐᑐᖅᐸᑦ; ᐊᒻᒪᓗ
- ᓯᕖᑐᔪᒧᑦ ᐊᑐᕐᑕᐅᓂᐊᕐᑐᑦ ᓴᓇᓂᖏᓐᓂ; ᐱᓕᕆᕖᐅᔪᒥᒃ ᓱᓚᓂᒃ ᓴᕿᑦᑎᓂᐊᕐᐸᑦ ᖃᓄᖅᓗ ᐊᑯᓂᐅᑎᒋᔪᒥᒃ ᐱᓕᓇᓂᐊᕐᐸᑦ.

ᐊᑐᒻᒪᕆᒃᑐᑦ ᑐᒃᓯᕋᐅᑕᐅᔪᑦ ᐱᓕᕆᐊᖑᓂᐊᕐᑐᓄᑦ ᐊᐅᓚᕐᑎᑕᐅᒋᐊᖅᒪᑕ **ᓄᓇᕗᒥ ᐊᕙᑎᓕᕆᔨᒃᑯᑦ ᑲᑎᒪᔨᖏᓐᓄᑦ ᐃᓚᖓ 2 ᑕᑕᑎᓇᐊᓖᑦ, ᐱᐊᓂᕐᑎᐊᕐᓗᒋᑦ ᓇᓗᓇᐃᖁᑕᖅᑐᖅ 8 ᑭᓯᒥ, ᐱᒋᐊᖅᑎᖏᑉᐸ ᑲᔪᓯᓗᑎᑦ ᓇᓗᓇᐃᖁᑕᖅᑐᓄᑦ 5,**

ᑎᑎᕐᓯᒪᒃᒪᑦ ᐃᓚᓕᐅᑎᓯᒪᔪᒥ *TMAC 2013*

ᑐᔅ ᓄᕐ ᐅᔭᕋᒃᓯᐅᕝᕙᐊᑕ ᐊᕿᒋᐊᕐᑕᐅᓂᖓᓄᑦ ᐊᒻᒪᓗ ᐅᐃᒍᕆᐊᓖᑦ ᐱᓕᕆᐊᖑᓂᐊᕐᑐᒧᑦ ᓇᓗᓇᐃᖁᑕᖏᑦ ᓇᓴᐅᑎᖅᑐᖅ 3 ᐊᒻᒪᓗ ᐃᒪᕐᒧᑦ ᓚᐃᓴ ᓇᓴᐅᑎᖓ Licence No. 2AM-DOH1323

ᓇᓗᓇᐃᖁᑕᖓ 5: ᐊᑐᕐᑕᐅᓂᐊᕐᑐᑦ ᐱᖁᑎᑦ

1. ᑎᑎᕐᓯᒪᔪᑦ ᐱᖁᑎᑦ ᐊᑐᕐᑕᐅᓂᐊᕐᑐᑦ (ᐅᑯᐊᑦ ᐃᓚᐅᓂᐊᕐᑐᑦ ᐃᖁᑕᐃᑦ, ᐃᒻᒥᑐᐃᑎᑦ, ᑎᒃᒥᓱᖅ, ᓄᓇᖁᕈᑎᑦ, ᐊᓯᖏᑦᓗ.):

- ᑕᒪᑭᐅᒪᔪᑦ ᐅᑯᐊᑦ ᑕᑯᒋᐊᕐᓗᒋᑦ *TMAC. 2013. ᑐᓇᔅ ᓄᕐ ᐅᔭᕋᒃᓯᐅᕝᕙᐊᑕ ᐊᕿᒋᐊᕐᑕᐅᓂᖓ ᐊᒻᒪᓗ ᐅᐃᒍᔭᐅᓂᖏᑦ ᐊᐱᓕᕆᕖᐅᓂᐊᕐᑐᒥ ᓇᓗᓇᐃᖁᑕᖓ ᓇᓴᐅᑎᓕᒃ 3 ᐊᒻᒪᓗ ᐃᒪᕐᒧᑦ ᓚᐃᓴ ᖃᓄᐃᑦᑐᓂᖓᑕ ᓇᓴᐅᑖ 2AM-DOH1323*).

2a. ᐅᖅᓱᐊᓗᐃᑦ ᖃᓄᐃᑦᓲᓂᖏᑦ ᓱᕈᕐᓇᕐᑐᑦᓗ ᐊᑐᕐᑕᐅᓇᔭᕐᓂᖏᑦ:

- ᑕᒪᑭᐅᒪᔪᑦ ᐅᑯᐊᑦ ᑕᑯᒋᐊᕐᓗᒋᑦ *TMAC. 2013. ᑐᓇᔅ ᓄᕐ ᐅᔭᕋᒃᓯᐅᕝᕙᐊᑕ ᐊᕿᒋᐊᕐᑕᐅᓂᖓ ᐊᒻᒪᓗ ᐅᐃᒍᓕᐅᑎᑕᐅᒋᐊᖅᑐᑦ ᐱᓕᕆᕖᐅᓂᐊᕐᑐᓄᑦ ᓇᓗᓇᐃᖁᑕᖓᑕ ᓇᓴᐅᑎᖓ 3 ᐊᒻᒪᓗ ᐃᒪᕐᓯᑦ ᓚᐃᓴ ᖃᓄᐃᑦᑐᓂᖓ ᓇᓴᐅᑎᖓ. 2AM-DOH1323*) ᐊᒻᒪᓗ ᐱᓗᐊᕐᑐᒥᒃ ᐅᕙᓂ ᓇᓗᓇᐃᖁᑕᕐᒥ 4.3.

2b. ᐅᓂᑲᐅᓯᓇᓗᒋᑦ ᐊᑐᕐᑕᐅᓇᔭᕐᑐᑦ ᓴᓕᒍᑎᑦ ᑯᕕᔪᖅᐸᑦ ᓴᓗᒪᐃᑦᑐᒥᒃ ᓴᓕᒍᑎᒃᓴᑦ.

- ᑕᒪᑭᐅᒪᔪᑦ ᐅᑯᐊᑦ ᑕᑯᒋᐊᕐᓗᒋᑦ *TMAC. 2013. ᑐᓇᑉ ᓄᕐ ᐅᔭᕋᒃᓯᐅᕝᕙᖓ ᐊᕿᒋᐊᕐᑕᐅᒃᒪᑦ ᐊᒻᒪᓗ ᐅᐃᒍᓕᐅᑎᕆᐊᖅᑐᑦ ᐱᓕᕆᕖᐅᔪᑉ ᓇᓗᓇᐃᖁᑕᖓ ᓇᓴᐅᑎᖅᑐᖅ 3 ᐊᒻᒪᓗ ᐃᒪᕐᒧᑦ ᓚᐃᓴᖓᑕ ᓇᓴᐅᑕ. 2AM-DOH1323*), ᒪᓐᓇᒧᑦ ᐊᑐᕐᑕᐅᔪᒃᓴᑦ ᐊᖏᐅᑕᐅᓯᒪᔪᑦ ᑯᕕᔪᖅᐸᑦ ᓴᓕᒍᐅᑕᐅᓇᔭᕐᑐᑦ ᓴᓗᒪᐃᑦᑐᒧᑦ ᓄᑕᖑᕆᐊᕐᑕᐅᓂᐊᕐᐳᑦ ᐊᕿᒋᐊᕐᑕᐅᑲᓐᓂᕐᓂᕐᐸᑦ ᐃᒪᕐᒧᑦ ᓚᐃᓴ.

3a. ᐅᓂᖄᕐᓯᒪᔪᑦ ᖃᓄᖅ ᐊᒃᑎᒋᒧᒥᒃ ᐃᒪᕐᒥᒃ ᐊᑐᖅᑕᑦᑕᕋᔭᕐᓂᖏᑦ ᐅᐸᓗᑦ ᖃᐅᑕᒫᑦ

- ᐊᓯᐅᓇᐊᕐᑕᐅᒋᐊᖅᑐᖏᑦᑐᖅ ᐱᓕᕆᒃ ᐊᖏᕐᑕᐅᓚᐅᕐᑎᑦᑐᒍ ᒪᓕᒃᑐᒍ ᐱᓕᕆᕖᐅᓂᐊᕐᑐᑉ ᓇᓗᓇᐃᖁᑕᖓ 003.

3b. ᑐᒃᓯᕐᓯᒪᓕᕐᐱᓯ ᐃᒪᕐᒧᑦ ᓚᐃᓴᒃᓴᒥᒃ ᓄᓇᕗᒥ ᐃᒪᓕᕆᔩᑦ ᑲᑎᒪᔨᖏᓐᓄᑦ?

☒ ᐄ (ᐊᕿᒋᐊᕐᑕᓚᐅᕐᑎᑦᑐᒍ ᒪᓐᓇᒧᑦ ᐊᑐᕐᑕᐅᔪᖅ
ᐃᒪᕐᒧᑦ ᓚᐃᓴ 2AMDOH1323)

☐ **ᐋᒃᑲ**

ᐊᖏᕿᓯᒪᔪᑦ, ᖃᓄᐃᑦᑐᖅ ᓇᐃᓴ?

☐ **Class B ᐃᒪᓕᒍᑦ ᓇᐃᓴ**

☒ **ᖃᓄᐃᓕᑐᖅ ᐃᒪᓕᒍᑦ ᓇᐃᓴ**

*ᑎᑎᕿᓯᒪᓚᑦ ᐊᕿᑭᓐᓄᑦ ᑐᓴᕿᐅᑎᒍᑦ ᐅᓪᓗᓐᓂᑦ ᓇᐃᓴᖏᑕ ᑎᑎᖃᑦᑕᖏᓄᑦ ᑐᓂᐅᐅᓂᐊᕐᓗᑦ ᓄᓇᕗᒥ ᐊᓪᑎᓕᓚᐅᓂᑦ ᑲᑎᒪᔨᖏᑦ

- ᑕᑯᑎᐊᖅᑐᑦ ᐱᖓᑎᑦ ᓯᓇᐅᓂᖏᑦ ᑎᑎᕿᓯᒪᓚᑦ

ᓇᓗᓇᐃᑯᑦᖏᑕ 6: ᐊᐅᑕᑯᑦ ᐊᖏᒪᓗ ᖃᓄ ᐊᐅᑕᑯᓴᑦᑕᐅᖃᑦᑕᖃᓂᐊᕐᓂᑦ

1. **ᑎᑎᕿᒪᓗᑦ ᖃᓄᐃᓕᑐᓂᐅ ᐊᐅᑕᑯᖃᑦᑕᖃᓂᐊᖃᓴᖏᑦ ᑕᐃᒃᓂ ᐱᓕᓚᐃᐅᓂᐊᕐᓇᑐᒥ ᓴᓇᓂᐊᕐᓇᑐᒥ:**

- ᓇᐊᓯᔭᓚᐊᖃᖏᑦᑐᑦ ᐱᓕᓚᐃᐅᔪᖅ ᐊᖏᕿᑎᑕᐅᓕᑦᑎᓕᓪᒍ ᓇᓗᓇᐃᑯᑦᖏᑕ ᐱᓕᓚᐃᐅᓂᐊᕐᓇᑐᒥ ᓇᓴᐅᑎᖃᑦᑕᒥ 003.

2. **ᑐᑭᓕᐅᑦᓗᒍ ᐅᓂᒃᑲᐅᓯᒪᓗᒍ ᖃᓄ ᐊᖏᑕᐅᓯᒪᓂᐊᓂᖏᑦ ᐊᐅᑕᑯᖃᑦᑕᖃᓂᒃᓗᓕᑦ ᕿᑦᓇᐅᑕᐅᔪᑦ.**

ᒪᓂᓇᓕᑦ ᐊᖏᕿᑎᑕᐅᓯᒪᔪᑦ ᕿᑦᓇᐅᑕᐅᔪᑦ ᐊᖏᕿᐊᕿᑎᑕᐅᓂᐊᕐᓇᑦ ᐅᑯᐊᑦ ᐊᖏᕿᐊᕿᑎᑕᐅᓇᓕᐅᑎᑦᓗᒍᑦ ᐅᐃᒍᓕᐅᑎᓯᒪᔪᑦ

ᓇᓗᓇᐃᑯᑦᖏᑕ 7: ᓄᓇᓕᑦ ᐱᓕᕆᖃᑕᐅᓂᖏᑦ ᐊᖏᒪᓗ ᖁᑎᖃᐅᓇᑦ ᐃᑲᔪᑕᐅᓂᖏᓐᓄ

1. **ᑎᑎᕿᓗᒍᑦ ᐊᑎᖏᑦ ᓄᓇᕗᒻᒥ ᑭᖑᓪᓕᖅᑎᑕᐅᔪᓕᑦ ᑕᑯᓂᑦ ᑐᓴᕿᑎᑕᐅᓇᓕᐅᑎᓪᓗᑦ ᐊᖏᒪᓗ ᑐᓂᐅᐅᖃᖅᑐᑦ ᑎᑎᖃᑦᑕᖏᓄᑦ ᐃᒪᓕᖅᑕᐅᖃᖅᑐᑦ ᑎᑎᕿᓯᒪᓚᑦ ᐱᓕᕆᖃᑕᐅᓂᐊᕐᓇᑐᒥ ᐃᓕᓴᕐᓂᖏᓐᓄ:**

- ᑕᒪᐁᐅᒪᓕᒃᑐᑦ ᐅᑯᐊᑦ ᑕᑯᐊᖃᓐᓂᑦ *TMAC. 2013. ᑐᓴᓵ ᓄᓇᑦ ᐅᓴᖃᖅᓯᐅᔨᓚᐊᐊ ᐊᖏᕿᐊᕿᑎᑕᐅᓇᓕᐅᑎᓪᓗᑦᑐᒍ ᐊᐃᒪᓗ ᐅᐃᒍᓕᐅᑎᓯᒪᓕᖅᑐᓂᒃᑯᑦ ᐱᓕᕆᖃᑕᐅᓂᐊᕐᓇᑐᒥ ᓇᓴᐅᑎᖃᑦᑕᒥ 3 ᐊᐃᒪᓗ ᐃᒪᓕᒍᑦ ᓇᐃᓴᒥ ᓇᓴᐅᑎᖃᑦᑕᒥNo. 2AM-DOH1323*) ᐊᐃᒪᓗ ᑭᓴᓂ ᓇᓗᓇᐃᑯᑦᖏᑕᐅᓂᑦ 6-Γ

ᓄᓇᕗᒻ	ᐊᑎᖏᑦ	ᑲᑎᒪᔨᐅᓚᓪᓕᑦ	ᑲᑎᒪᑎᑕᐅᓇᓕᐅᑎᖃᖏᑦ ᐅᕐᓗᑦ
ᐃᖃᓗᐃᑦᑎᐊᖅ	ᑕᑯᓗᒍᑦ ᑎᑎᕿᓯᒪᓚᑦ ᐊᑎᓪᑦ	ᓄᓇᕗᒻᒥ ᑲᑎᒪᓚᑦ	ᐊᒪᓂ 2010, ᔪᓂ 2011, ᒪᐃ 2012, March 2013
ᐅᖃᓕᖃᑎᖃ	ᖃᓄᐃᓕᑐᑎᑦ	ᖃᓄᐃᓕᑐᑎᑦ	ᐊᖏᓂ 2010, ᔪᓂ 2011,
ᓄᑑᒃ	ᖃᓄᐃᓕᑐᑎᑦ	ᐅᓕᓂᑎᑦ	ᐊᖏᓂ 2010, ᔪᓂ 2011, March 2013
ᖃᓄᐃᓐᖏᖃᖅ	ᖃᓄᐃᓕᑐᑎᑦ	ᖃᓄᐃᓕᑐᑎᑦ	ᐊᒪᓂ 2010, ᔪᓂ 2011, March 2013
ᑕᓐᔪᐊᖃᖅ	ᖃᓄᐃᓕᑐᑎᑦ	ᖃᓄᐃᓕᑐᑎᑦ	ᐊᒪᓂ 2010, ᔪᓂ 2011, March 2013

ᓇᓗᓇᐃᑯᑦᖏᑕ 8: ᐊᐱᖃᑦᑕᐅᖃᓂᑎᑦ

1. **ᕿᑲᓴᓕᓂᐊᕐᓂᒃ ᖃᐅᔨᒪᔭᐅᔪᓂᒃ ᐃᑦᑕᓂᓕᐱᓂᓂᒃ?**

☐ **ᐃ** ☒ **ᐊᑲ**

ᓇᓗᓇᐃᑯᑦᖏᑕ 9: ᑐᓂᐅᐅᓂᐊᕐᓂᑦ ᐊᑎᓕᐅᖅᑲᖏᓐᓄ

ᐊᑎᓕᐅᕐᓗᑎᑦ ᐊᒻᒪᓗ ᐅᑉᓗᐊ ᑎᑎᕋᕐᓗᒍ ᑐᒃᓯᕋᐅᓯᐅᕐᑕᕕᑦ:

ᐊᑎᓕᐅᕐᕕᐊ ______ ᑕᐃᓂᖓ ______ ᐅᑉᓗᐊ ______

ᐅᐃᒍᖓ ᐃ
ᐱᓕᕆᐊᖑᓂᐊᕐᑐᑉ ᖃᓗᐃᑦᑑᓂᖓᑕ ᑐᑭᓕᐅᕐᓯᒪᓂᖓ

ᐊᑉᕐᑯᑎᒋᔭᐅᖃᑦᑕᖅᑐᖅ ᓄᓇᑯᑦ: ᐱᓕᕆᐊᖑᓂᐊᕐᑐᓄᑦ ᑐᒃᓯᕋᐅᓯᐅᕐᓯᒪᔪᑉ ᐊᑐᖃᑦᑕᕐᕈᒪᔪᑦ ᓄᓇᑯᕈᑎᒥᒃ ᓄᓇᑯᑦ ᐊᑉᕐᑯᑕᐅᖏᑦᑑᓚᓗᐊᑯᑦ ᐃᖏᕋᔭᕈᑎᖃᕈᒪᑉᓗᑎᒃ ᓄᓇᒥᒃ ᓯᕐᑯᑎᓇᐸᑦᓕᐊᖏᑦᑐᒥᒃ.

ᐅᔭᕿᒃᓯᐅᕐᐸᑦᓕᐊᓂᖅ ᓯᕗᐊᒍᑦ: ᐱᓕᕆᐊᖑᓂᐊᕐᑐᒧᑦ ᑐᒃᓯᕋᐅᓯᐅᕐᓯᒪᔪᖅ ᐃᓕᑕᕐᓯᓯᒪᕗᖅ ᐊᖏᔪᓂᒃ, ᐱᑕᖃᕐᑐᓂᒃ ᐊᒻᒪᓗ ᐊᑐᕐᑕᐅᔪᓐᓇᕐᑐᓂᒃ ᓴᕕᒃᓴᓂᒃ ᐱᑕᖃᕐᓂᖓᓂᒃ ᐊᒻᒪᓗ ᐊᑐᕐᑕᐅᔪᓐᓇᕐᑐᖅ ᐅᔭᕿᒃᓯᐅᕐᕕᐅᓕᕈᓐᓇᕐᓗᓂ ᐱᑕᖃᕐᓂᖓᓄᑦ ᓇᓗᓇᐃᕐᓯᒪᔪᖅ ᖃᐅᔨᓴᕐᑕᐅᔪᒪᑉᓗᓂᓗ ᐅᔭᕿᒃᓯᐅᕐᕕᐅᓕᕈᓐᓇᕆᐊᒃᓴᖓᓂᒃ

ᐅᑭᐅᑯᑦᓗ ᐊᐅᔭᑯᑦᓗ ᐊᑉᕐᑯᑦ: ᐱᓕᕆᕕᐅᓂᐊᕐᑐᒧᑦ ᑐᒃᓯᕋᐅᓯᐅᕐᑕᐅᓯᒪᔪᖅ ᐃᓱᒪᒋᔭᐅᔪᖅ ᐊᑉᕐᑯᓯᐅᕐᕕᐅᔪᒪᑉᓗᓂ ᐊᑐᕐᑕᐅᔪᓐᓇᕐᑐᒥᒃ ᐅᑭᐅᑯᑦᓗ ᐊᐅᔭᑯᑦᓗ ᖃᖓᑐᐃᓐᓇᑯᑦ.

ᐅᔭᖃᑦ ᖃᐅᔨᓴᕐᑕᐅᓂᖏᑦ: ᐱᓕᕆᕕᐅᓂᐊᕐᑐᒧᑦ ᑐᒃᓯᕋᐅᓯᐅᕐᓯᒪᔪᖅ ᐅᖃᕐᓯᒪᔪᖅ ᐱᔭᐅᓂᐊᕐᓗᑎᒃ ᐅᔭᖃᓂᒃ ᐊᖏᔪᓂᒃ ᓴᕕᒃᓴᕐᑕᖃᕐᑐᓂᒃ ᐊᖏᔪᒻᒪᕆᒃᓂᒃ ᐃᒃᑕᕆᒃᓂᖃᕐᑐᓂᒃ. ᖃᐅᔨᓴᕐᑕᐅᓂᐊᕐᑐᑦ ᑕᑯᐊᑦ ᑭᒡᒐᕐᑐᐃᓂᐊᕐᑐᑦ ᓴᕕᒃᓴᕐᑕᖃᕆᐊᒃᓴᖓᓂᒃ ᑕᒪᓂ ᐱᓕᕆᕕᐅᓂᐊᕐᑐᒥ. ᓯᕐᑯᑉᑎᓇᔪᑎᑖᕈᒪᓂᐊᕐᑐᒃᓴᐅᔪᑦ ᐅᔭᐊᓄᑦ (ᒥᑭᔫᓚᓗᐊᒥᒃ)

ᐊᖑᓇᓱᐊᕐᕕᐅᕙᒃᑐᑦ: ᐱᓕᕆᕕᐅᓂᐊᕐᑐᓄᑦ ᑐᒃᓯᕋᐅᓯᐅᕐᓯᒪᔪᑦ ᐅᖃᕐᓯᒪᒃᔪᖅ ᐊᖑᓇᓱᐊᕈᓐᓇᕐᕕᐅᓂᐊᕐᑐᑦ ᓂᕐᔪᑎᓄᑦ, ᐃᒪᕐᒥᐅᑕᕐᓄᑦ ᐊᒻᒪᓗ ᐅᕙᓘᓐᓃᑦ ᐃᖃᓗᒃᖃᓗᒃᖃᕐᓗᓂ ᓇᔪᕐᑕᖓ ᑕᒪᓐᓇ ᓄᓇ ᐊᖑᓇᓱᐊᕐᕕᐅᕙᒃᑐᖅ ᑎᓇᖓᓂᐊᕐᓯᐅᕐᕕᐅᕙᒃᓗᓂᓗ ᑕᐃᒪᖓᓂᑦ ᐊᑐᕐᑕᐅᒋᓐᓇᕐᑐᖅ ᓄᓇ.

ᐃᒪᖓ ᐊᑐᕐᑕᐅᖃᑦᑕᖅᓂᖓ: ᓱᓇᑐᐃᓐᓇᐃᑦ ᐊᑐᕐᑕᐅᔪᑦ ᑕᓇᐅᒥ ᐃᒪᕐᒥ, ᑕᒪᑯᐊᑦᓗ ᐅᒥᐊᕐᔪᐊᑦ ᓄᓇᒥ ᐊᑐᕐᑕᐅᓂᐊᕐᑐᓄᑦ ᐊᒃᔭᕐᑐᖅᑎᑦ ᐅᕙᓘᓐᓂᑦ ᑕᓇᐅᒧᑦ ᐊᒃᑕᑯᕐᓂᖅ.

*ᑐᑭᓯᐅᒪᓂᐊᕐᐳᑎᑦ ᑕᒪᑯᐊᑦ ᓄᓇᓕᒃᓄᑦ ᐊᒃᔭᖃᑦᑕᖅᑐᑦ ᐅᒥᐊᕐᔪᐊᑦ ᐃᖏᕋᔭᕐᓂᖏᑦ ᐃᓚᓕᐅᑎᓯᒪᖏᒻᒪᑕ ᓄᓇᒥ ᐊᑐᕐᑕᐅᓂᐊᕐᑐᓄᑦ ᐊᒃᔭᕐᑐᕐᑎᓂᐅᖓᓂᑦ ᐃᓱᒪᒋᔭᐅᓂᐊᖏᑦᑐᑦ ᖃᐅᔨᓴᕐᑕᐅᖃᑦᑕᕐᓂᐊᖏᑦᑐᑦ ᓄᓇᕗᒥ ᐊᕙᑎᓕᕆᔨᑯᑦ ᑲᑎᒪᔨᖏᓐᓂᑦ (ᓇᓗᓇᐃᑯᑕᖅᑐᖅ 12.12.2 ᓄᓇᑖᕐᓂᑯᑦ ᐊᖏᕈᓯᐅᕐᓯᒪᔪᓂ ᐊᕿᑕᐅᓯᒪᔪᑦ).

ᐅᔭᕿᒃᓯᐅᕐᕕᒃ ᓴᕿᐸᑦᓕᐊᓂᖓ: ᐱᓕᕆᕕᐅᓂᐊᕐᑐᒧᑦ ᑐᒃᓯᕋᐅᓯᐅᕐᓯᒪᔪᖅ ᐅᖃᕐᓯᒪᒃᒪᑦ ᑲᑎᑦᑎᕙᑦᓕᐊᓂᐊᕐᑐᑦ ᐅ.ᖃᓂᒃ ᑎᕐᑯᑉᑎᕐᓯᒪᔪᓂᒃ ᓴᕕᒃᓴᕐᑕᖃᕆᐊᒃᓴᖏᓐᓂᒃ ᖃᐅᔨᓴᕐᓂᐊᕐᓗᑎᒃ ᐊᒻᒪᓗ ᐊᖏᔪᓂᒃ ᐃᒃᑕᕆᒃᑐᓂᒃ ᐅᔭᖃᓂᒃ ᓴᕕᓴᕐᑕᖃᕆᐊᒃᓴᖏᓐᓂᒃ ᑲᑎᑦᑎᓗᑎᒃ ᖃᐅᔨᓴᕐᓂᐊᕐᑐᑦ. ᐅᔭᕿᒃᓯᐅᕐᓂᐅᓂᐊᕐᑐᖅ ᓇᓕᐊᑯᑐᐃᓐᓇᖅ ᓴᓇᕕᐅᓂᐊᕐᑐᖅ ᐊᒻᒧᑦ. ᓯᕐᑯᑉᑎᓇᕕᖅᕈᓂ ᑲᑎᑕᐅᕙᑦᓕᐊᓂᐊᕐᑐᑦ ᐃᒪᕐ ᐊᑯᑉᓕᒃᓴᖅ ᓴᖏᔪᖅ ᐊᑐᕐᓗᒍ ᓴᕕᒃᓴᐃᑦ ᐃᓚᑯᑦ ᑲᑎᑕᐅᕙᑦᓕᐊᓗᑎᒃ ᓴᕕᒃᓴᕐᑕᖅᑐᑦ.

ᓴᕕᒃᓴᖅᓯᐅᕐᓂᖅ: ᐱᓕᕆᕕᐅᓂᐊᕐᑐᒧᑦ ᑐᒃᓯᕋᐅᓯᐅᕐᓯᒪᔪᑦ ᕿᓂᕈᒪᓂᐊᕐᒪᑕ ᐅᔭᕿᒃᓯᐅᕐᓗᑎᒃ ᐱᑕᖃᕆᐊᒃᓴᖓᓂᒃ ᕿᓂᕐᓗᑎᒃ. ᒪᓂᖅᑯᑦᓗ ᑎᒃᒥᓱᑯᑦᓗ ᕿᓂᕈᓐᓇᕐᑐᑦ ᐊᒻᒪᓗ ᐱᑕᖃᕐᐸᑦ ᓇᓂᓯᔪᓐᓇᕐᓗᑎᒃ ᓴᕕᒃᓴᕐᑕᖅᑐᓂᒃ.

ᐃᒪᖅᒥ ᐱᓕᕆᕕᖅᓂᖅ ᓴᓇᕕᐅᔪᓐᓇᕐᓂᖓ: ᐱᓕᕆᕕᐅᔪᒪᔪᒥ ᑐᒃᓯᕋᐅᑎᑦ ᐅᖃᕐᓯᒪᒃᒪᑕ ᓴᓇᔪᒪᓂᐊᕐᓗᑎᒃ ᐅᓯᓕᕐᑐᖅᕕᒃᓴᒥᒃ ᐅᓯᔭᐃᕕᒃᓯᒥᒃ ᑕᓇᐅᑉ ᓯᓈᓂ ᓄᓇᒧᑦ ᑎᑭᖃᑎᓗᓂ ᑕᓇᐅᒥ ᐅᕙᓘᕐᕿᑦᑐᒥ. ᐅᒃᑐᑎᒃᓴᑦ ᑕᓇᐅᒥ ᐳᒃᑕᔪᒥᒃ ᑐᓚᒃᑕᕐᕕᖃᕐᓗᓂ, ᓯᒃᔭᒥᓗ ᐅᕙᓘᓐᓂᑦ ᐅᓯᔭᐃᕕᖃᕐᓗᓂ.

ᐅᖅᓱᐊᓗᒃᓯᐅᕐᓂᕐᒧᑦ ᓴᓯᓯᐅᕐᓂᕐᒧᑦᓗ ᐱᓕᕆᐊᖑᔪᑦ ᕿᓂᕐᑐᑦ: ᐱᓕᕆᕕᐅᓂᐊᕐᑐᒧᑦ ᑐᒃᓯᕋᐅᓯᐅᕐᓯᒪᔪᑦ ᐃᓚᐅᓂᐊᕐᑎᑦᓗᒋᑦ ᐅᑯᐊᑦ 1) ᐅᔭᕿᒃᓯᐅᕐᓂᖅ, ᓄᓇᓗ ᓴᔪᒃᓯᒪᒋᐊᒃᓴᖓᓂᒃ ᖃᐅᔨᓴᐃᓂᖅ ᐅᕙᓘᓐᓃᑦ ᓄᓇᖑᐊᓕᐅᕐᓂᖅ, 2) ᐃᑯᑕᒪᓂᖅ ᐅᖅᓱᐊᓗᒃᓯᐅᕐᓂᕐᒧᑦ ᓴᓯᓯᐅᕐᓂᕐᒧᑦᓗ, 3) ᓱᑉᓗᐊᓗᓕᐅᑐᐃᓐᓇᕆᐊᖃᕐᓗᑎᒃ, ᓴᓯᓕᓕᐅᕐᓂᕐᒧᑦᓗ ᐱᑕᖅᑐᐃᓐᓇᕆᐊᖃᕐᓗᓂ ᐅᖅᓱᐊᓗᓕᐅᕈᑎᓂᒃᓘᓐᓃᑦ ᑕᒪᓂ ᓄᓇᕗᑉ ᐃᓗᐊᓂ.

ᐃᑎᕐᓕᕐᓯᒪᔪᑦ ᐊᒻᒪᓗ ᑐᐊᐸᒃᑕᕐᕖᑦ: ᐱᓕᕆᕕᐅᓂᐊᕐᑐᒧᑦ ᑐᒃᓯᕋᐅᓯᐅᕐᓯᒪᔪᑦ ᐃᑎᕐᓕᕐᓯᒪᓗᓂ ᓄᓇ ᓴᓇᓯᒪᓂᐊᕐᐸᑦ, ᑐᐊᐸᒃᑕᕐᕕᐅᓇᔭᕐᓗᓂ (ᐆᒃᑐᑎᒥᓗᒍ ᑎᐅᕿᖅ ᐊᒻᒪᓗ ᑐᐊᐸᒃ) ᐊᒻᒪᓗ ᐅᒃᑯᓯᒃᓴᑕᕐᕕᒃ, ᐅᔭᖃᓂᒃ ᐊᓯᐊᕐᑎᓇᕕᐅᓗᓂ ᖃᐃᕐᒥᑦ, ᐃᑉᔪᖅᓗ ᖁᐊᖑᑎᑦᓗᒍ).

ᓱᓚᑐᐃᓐᓇᕐᓄᑦ ᖃᐅᔨᓴᐃᕕᒃ: ᐱᓕᕆᕕᐅᓂᐊᕐᑐᒧᑦ ᑐᒃᓯᕋᐅᓯᐅᕐᓯᒪᔪᑦ ᐅᖃᕐᓯᒪᒃᒪᑕ ᐊᑐᕐᓂᐊᕐᒪᑕ ᐊᑦᔨᒋᖏᑦᑐᓂᒃ ᐅᔭᕿᒃᓯᐅᕐᕕᐅᓇᕐᑐᒥ ᕿᓂᓗᑎᒃ ᐊᕐᕿᕐᕿᑦᑐᓂᒃ ᓱᓇᑕᐊᒃᓗᑦᓴᒃᓴᒃᓗ, ᐅᒃᑐᕋᓗᑎᒃᓗ ᐊᒻᒪᓗ ᑲᑎᑦᑎᕙᑦᓕᐊᓗᑎᒃ ᖃᐅᔨᓴᕐᑕᐅᔪᒃᓴᓂᒃ ᓱᓇᑐᐃᓐᓇᕐᓄᑦ ᐊᑯᓂᐅᕐᕿᑦᑐᓚᓗᐊᕐ ᑕᒪᑐᒥᖓ ᖃᐅᔨᓴᕈᒪᓂᐊᕐᒪᑕ.

ᓄᓇ ᓴᔪᒃᓯᒪᒋᐊᒃᓴᖓᓂᒃ ᖃᐅᔨᓴᕐᓂᖅ: ᐱᓕᕆᕕᐅᓂᐊᕐᑐᒧᑦ ᑐᒃᓯᕋᐅᓯᐅᕐᓯᒪᔪᑦ ᐅᖃᕐᓯᒪᒃᒪᑕ ᖃᐅᔨᓴᕐᑐᑎᒃ ᓄᓇᖑᐊᓕᐅᕐᑕᐅᒧᓐᓇᕆᐊᒃᓴᖏᓐᓂᒃ ᐊᑎᑐᓂᖓᓗ ᐊᒻᒪᓗ ᐅᔭᖃᐃᑦ ᐊᑦᔨᒋᖏᑦᑐᑦ ᖃᐃᕐᑐᒥᑦᑐᑦᓗ ᓂᐱᓕᐅᕐᑕᐅᕙᑦᓕᐊᓗᑎᒃᓗ ᓄᓇᐅᑉ ᖃᖓᓂᑦ. ᖃᐅᔨᓴᐃᓂᖅ ᑕᕆᐅᒥᓗ ᖃᐅᔨᓴᐃᔪᓐᓇᕐᓂᐊᕐᑐᒃᓴᐅᔪᑦ (ᖃᖏᕐᓯᒪᖏᑦᑐᖑ 12 ᒪᐃᓚᑦ ᓯᒃᔭᒥᑦ), ᓯᒃᔭᑉ ᖃᓂᒋᔭᖓᓂ ᐊᒻᒪᓗ ᐅᖓᓯᒋᔭᖓᓂ.

ᓴᓕᒃᑕᐅᓂᖓ ᓴᓇᕕᐅᓚᐅᕐᑎᑦᑐᒍ: ᐱᓕᕆᕕᐅᓂᐊᕐᑐᒥ ᑐᒃᓯᕋᐅᓯᐅᕐᓯᒪᔪᑦ ᐅᖃᕐᓯᒪᒃᒪᑕ ᓴᓕᒃᑕᐅᓂᐊᕐᓂᖓᓂᒃ (ᐃᓚᐅᓗᒍ ᑐᓚᐃᑯᑦ ᓴᓕᒃᑕᐅᖃᑕᐅᓗᑎᒃ), ᓄᓇᓗ ᓄᑕᖑᕐᑎᕐᑕᐅᓗᓂ ᐃᓕᕐᑯᓯᑐᖃᖓᓄᑦ ᐅᑎᕐᑎᑕᐅᓗᓂ ᑕᒪᑯᐊᑦᓗ ᓴᓗᒪᐃᑦᑐᑦ ᐃᑉᔪᐃᑦ ᓴᓕᒃᑕᐅᓗᑎᒃ, ᓴᓗᒪᐃᑦᑐᑦᓗ ᑕᒪᑯᐊᑦ ᐃᓚᖏᑦ ᓴᐅᔭᐅᓗᑎᒃ ᐊᒻᒪᓗ ᐊᒃᑰᕐᑕᐅᓗᑎ, ᐃᓚᖏᑦᓗ ᓯᕐᑯᑉᑎᕐᑕᐅᓗᑎᒃ/ᐊᒃᑰᕐᑕᐅᓗᑎᒃ ᓯᕐᑯᑦᑎᕐᓯᒪᔪᑦ ᑲᑎᑕᐅᑦᑎᐊᕐᓗᑎᒃ ᓴᓕᒃᑕᐅᕋᓂᒃᐸᑦᒃ.

ᐳᓚᕋᕐᑐᓄᑦ ᑕᑯᔭᕐᑐᕐᑕᐅᖃᑲᑦᑕᖅᓂᖓ: ᐱᓕᕆᐊᒃᓴᐅᔪᒧᑦ ᑐᒃᓯᕋᐅᓯᐅᕐᓯᒪᔪᑦ ᐅᖃᕐᓯᒪᒃᒪᑕ ᐃᖏᕐᕋᔭᕐᕕᐅᔪᓐᓇᕐᓯᓂᐊᕐᑐᑦ ᖃᖓᑐᐃᓐᓇᑯᑦ ᐱᖑᐊᕐᕆᐊᕐᑐᖅᑐᓄᑦᓗ, ᓄᓇᒥᒃᓗ ᑕᑯᕐᓇᕆᐊᕐᑐᖅᑐᓄᑦ ᑕᑯᔭᒃᓴᐅᔪᑦ ᓇᓗᓇᐃᕐᑕᐅᓯᒪᓕᕐᓗᑎᒃ ᐊᑯᓂᐅᖏᑦᑐᖅ ᑕᑯᔭᕐᑐᑕᐅᔪᓐᓇᖃᑦᑕᕐᑐᑎᒃ.

ᐅᑭᐅᑯᐊᑉᕐᑯᑦ: ᐱᓕᕆᕕᐅᓂᐊᕐᑐᒧᑦ ᑐᒃᓯᕋᐅᓯᐅᕐᓯᒪᔪᖅ ᐅᖃᕐᓯᒪᒃᒪᑦ ᐅᑭᐅᑯᑦ ᐊᑐᕐᑕᐅᔪᓐᓇᕐᑐᒥᒃ ᐊᑉᕐᑯᓯᐅᕐᑐᑎᒃ ᓄᓇ ᒪᓂᒃᓴᕐᑕᐅᓗᓂ ᐊᒻᒪᓗ ᓯᑯᓗ ᐊᐳᑦᓗ ᕿᕐᓱᕐᑎᕐᑕᐅᖃᑦᑕᖅᑐᑎᒃ ᐊᑉᕐᑯᓯᐅᕐᑕᐅᒐᖓᒥᒃ. ᐅᑭᐅᑯᑦ ᐊᑉᕐᑯᓯᐅᕐᑕᐅᓯᒪᔪᖅ ᐊᓯᕙᕐᑕᐅᔪᓐᓇᕐᓂᐊᕐᑐᖅ ᐅᐱᖓᑯᑦ ᓴᓇᓂᒃᐸᑕ.

ᐅᑭᐅᑯᑦ ᐃᒃᓕᓂᓕᐅᕐᓯᒪᔪᑦ: ᐱᓕᕆᕕᐅᓂᐊᕐᑐᒧᑦ ᑐᒃᓯᕋᐅᓯᐅᕐᓯᒪᔪᖅ ᐅᖃᕐᓯᒪᒃᒪᑦ ᐃᒃᓕᓂᓕᐅᕐᓯᒪᔪᑦ ᐅᑭᐅᑯᑦ ᓴᓇᔭᐅᓗᓂ ᐊᑕᐅᓯᕐᑕᐅᓗᓂ ᓄᓇᑯᕈᒻᒧᑦ ᒪᓂᒃᓴᕐᑕᐅᓯᒪᓗᓂ, ᐊᔪᕐᓇᖏᑉᐸᑦ.

SCREENING PART 2 FORM
PROJECT SPECIFIC INFORMATION REQUIREMENTS (PSIR)

Table of Concordance

NIRB Part 2 Form Reference	TMAC Reference
Project Coordinates and Maps	
1. The preferred method for submitting project coordinates information is through the use of a Geographic Information System (GIS) compatible digital file. Although an ESRI ArcView 3.x shape file (in decimal degrees) is the preferred interchange format, the NIRB has the capacity to receive over 100 GIS and CAD related formats, including MapInfo and AutoCAD, provided proper format and projection metadata is also submitted. The NIRB requires coordinates for the project proposal which reflect the entire project area as defined by: ▪ Area/sites of investigation; ▪ Boundaries of the foreseen land use permit/right-of-way area(s) to be applied for; ▪ Location of any proposed infrastructure or activity(s); and ▪ Boundaries of the mineral claim block(s) where proposed activities will be undertaken.	See section 4 of Appendix 2 of enclosed TMAC. 2013. *Doris North Mine Modifications and Related Amendments to Project Certificate No. 3 and Type A Water Licence No. 2AM-DOH1323* (the "Amendment Package") for general project coordinates. Proposed new infrastructure is illustrated in Appendix 24. See also Figure 1.1 of FEIS. GIS files for the proposal can be provided if required.
2. Map of the project site within a regional context indicating the distance to the closest communities.	See Figure 1-1 of enclosed Amendment Package
3. Map of any camp site including locations of camp facilities.	See Appendix 24 of enclosed Amendment Package
4. Map of the project site indicating existing and/or proposed infrastructure, proximity to water bodies and proximity to wildlife and wildlife habitat.	See Appendix 24 of enclosed Amendment Package

NIRB Part 2 Form Reference	TMAC Reference
Project General Information	
5. Discuss the need and purpose of the proposed project.	See Section 1.2 of enclosed Amendment Package
6. Discuss alternatives to the project and alternative methods of carrying out the project, including the no-go alternative. Provide justification for the chosen option(s).	Generally, the Project alternatives were considered in Section 3.0 of the Doris North Project Final Environmental Impact Statement (FEIS), 2005. In TMAC's view, extending the Doris North Project life is essential to economic viability of the Project and is necessary in order for production to commence. The alternative "no-go" alternative would be undesirable for several reasons.
7. Provide a schedule for all project activities.	See section 24 of Appendix 2 of enclosed Amendment Package
8. List the acts, regulations and guidelines that apply to project activities	The acts, regulations and guidelines that apply to the Project are described in the Doris North Project Certificate No. 03
9. List the approvals, permits and licenses required to conduct the project.	See Section 5 of enclosed Amendment Package. The approvals, permits and licences generally required for the Doris North Project are also described in Section 1.8 of the Doris North FEIS, 2005.
DFO Operational Statement (OS) Conformity	
10. Indicate whether any of the following Department of Fisheries and Oceans (DFO) Operational Statement (OS) activities apply to the project proposal: ▪ Bridge Maintenance ▪ Clear Span Bridge ▪ Culvert Maintenance ▪ Ice Bridge ▪ Routine Maintenance Dredging ▪ Installation of Moorings Please see DFO's OS for specific definitions of these activities available from DFO's web-site at http://www.dfo-mpo.gc.ca/regions/central/habitat/os-eo/index-eng.htm	Installation of moorings would apply to activities described in Appendix 3 (moving tanker mooring) of enclosed Amendment Package.

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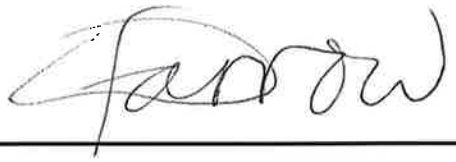
Statement of Compliance with Operational Statements

TMAC agrees to meet the conditions and incorporate all measures to protect fish and fish habitat as outlined in all of the following Department of Fisheries and Oceans (DFO) Operational Statement (OS) activities that apply to the project proposal:

- Bridge Maintenance
- Clear Span Bridge
- Culvert Maintenance
- Ice Bridge
- Routine Maintenance Dredging
- Installation of Moorings

All as available from DFO's web-site at http://www.dfo-mpo.gc.ca/regions/central/habitat/os-eo/index-eng.htm, as they may be amended from time to time.



Authorized TMAC Signatory

NIRB Part 2 Form Reference	TMAC Reference
11. If any of the DFO's OS apply to the project proposal, does the Proponent agree to meet the conditions and incorporate the measures to protect fish and fish habitat as outlined in the applicable OS? If yes, provide a signed statement of confirmation.	TMAC agrees to meet the conditions and incorporate all measures to protect fish and fish habitat as outlined in all OS that are applicable to the Project. See attached signed statement of confirmation.
12. Describe how the project site will be accessed and how supplies will be brought to site. Provide a map showing access route(s).	No change to current Project. As previously, site access will be via sealift and air. See Figure 2.2 of Doris North FEIS, 2005.
13. If a previous airstrip is being used, provide a description of the type of airstrip (ice-strip/all-weather), including its location. Describe dust management procedures (if applicable) and provide a map showing location of airstrip.	Modifications to the original proposed design for the all-weather airstrip were approved by the Nunavut Water Board in accordance with the following engineering standards: ftp://nunavutwaterboard.org/1%20PRUC/2%20MININ G%20MILLING/2A/2AM%20-%20Mining/2AM-DOH1323%20TMAC/1%20APPLICATION/2010%20 Amendment%202/100924%202AM-DOH0713%20SRK%20MEMO%20Airstrip%20Expan sion%20and%20Bypass-IMLE.pdf Dust suppression procedures include water and use of EK-35. Details relating to chemical dust suppression were previously submitted to NIRB by HBML (see ftp://ftp.nirb.ca/03-MONITORING/05MN047-DORIS%20NORTH%20GOLD%20MINE/02-MONITORING%20AND%20MANAGEMENT%20PL ANS/AIR%20QUALITY%20PLAN/04-DUST%20SUPRESSION/) and to the NWB (see ftp://nunavutwaterboard.org/1%20PRUC/2%20MININ G%20MILLING/2A/2AM%20-%20Mining/2AM-DOH1323%20TMAC/3%20TECH/5%20CONSTRUC T%20(D)/) As built drawings located on the Type A Water Licence public registry show the location of the airstrip (see section 2ciii): ftp://nunavutwaterboard.org/1%20PRUC/2%20MININ G%20MILLING/2A/2AM%20-%20Mining/2AM-DOH1323%20TMAC/3%20TECH/5%20CONSTRUC T%20%28D%29/100204%202AM-DOH0713%20Combined%20IFC%20As-built%20Drawings-IMLE.pdf
14. If an airstrip is being constructed, provide the following information: a. Discuss design considerations for permafrost i. Discuss construction techniques	N/A

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ii. Describe the construction materials, type and sources, and the acid rock drainage (ARD) and metal leaching (ML) characteristics (if rock material is required for airstrip bed). iii. Describe dust management procedures. iv. Provide a map showing location of proposed airstrip.	
15. Describe expected flight altitudes, frequency of flights and anticipated flight routes.	*Altitudes:* Dash 7 – 16,000-20,000 ft (to/from Yellowknife) – 9,000 ft (to/from Cambridge Bay) Dornier - 6,000-9,000 ft Buffalo – 6,000-9,000 ft Twin Otter – 6,000-9,000 ft 737 – 28,000-33,000 ft Herc – 28,000 ft *Frequency:* Likely 10 – 15 flights a week (3-5 passenger flights to/from Yellowknife, 2-3 cargo flights, then shuttles to/from Boston or Cambridge Bay) *Route:* They would fly a straight B-line route between Cambridge Bay, Doris, Yellowknife and Boston Camp.
Camp Site	
16. Describe all existing and proposed camp structures and infrastructure	Currently, a 180 person camp exists at Doris North. TMAC is proposing to expand this to 360 beds (Section 4.7, 4.8). TMAC also proposes to bring in temporary barge accommodations from time to time (Section 4.12).
17. Describe the type of camp: a. Mobile b. Temporary c. Seasonal d. Permanent e. Other.	Permanent camp accommodations at Doris North, and floating barge accommodations in Roberts Bay.

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18. Describe the maximum number of personnel expected on site, including the timing for those personnel involved with the project.	See Section 3.4 of Appendix 1 of enclosed Amendment Package
Equipment	
19. Provide a list of equipment required for the project and discuss the uses for the equipment.	See Doris North FEIS, 2005, Technical Report Chapter p. 4-21, 22 and p. 4-76, 77.
20. If possible, provide digital photos of equipment.	Photos of equipment are not available.
21. Describe the location of water source(s), the water intake methods, and all methods employed to prevent fish entrapment. Provide a map showing the water intake locations	No changes to the current approved Project as regulated by the Type A Water Licence.
22. Describe the estimated rate of water consumption (m^3/day).	The overall water use from Doris Lake permitted under the Type A Water Licence of 480,000 m^3/day will be sufficient to accommodate the proposed changes to the Project. Increase of an average of 7 m^3/day from Windy Lake.
23. Describe how waste water will be managed. If relevant, provide detail regarding location of sumps, including capacity of sumps and monitoring.	There are no changes proposed to the management of waste water. Doris North currently manages waste water as approved by the Type A Water Licence and in compliance with the approved Wastewater Treatment Management Plan: (ftp://nunavutwaterboard.org/1%20PRUC/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-DOH1323%20TMAC/3%20TECH/4%20WASTE%20DISP%20%28G%29/121023%202AM-DOH0713%20NWB%20Hope%20Bay%202012%20Wastewater%20Treatment%20Management%20Plan%20R3-IMLE.pdf)
Waste Water (Grey water, Sewage, Other)	
25. Describe the quantities, treatment, storage, transportation, and disposal methods for the following (where relevant): ▪ Sewage ▪ Camp grey water ▪ Combustible solid waste ▪ Non-combustible solid waste, including bulky items/scrap metal	Camp wastes will increase as a result of the proposed expansion. However, TMAC anticipates existing approved systems will accommodate these changes.

NIRB Part 2 Form Reference	TMAC Reference
▪ Hazardous waste or oil ▪ Contaminated soils/snow ▪ Empty barrels/ fuel drums ▪ Any other waste produced	
26. If the project proposal includes a landfill or landfarm, indicate the locations on a map, provide the conceptual design parameters, and discuss waste management and contact-water management procedures.	Changes to landfill management were approved with renewal of the Type A Water Licence – see ftp://nunavutwaterboard.org/1%20PRUC/2%20MININ G%20MILLING/2A/2AM%20-%20Mining/2AM-DOH1323%20TMAC/1%20APPLICATION/2012%20Amend%20Renew/120816%202AM-DOH0713%20A4%20k%20Appendix%20I%20Landfil l%20Amendment%20Supporting%20Material-IMLE.pdf for description of changes.
Fuel	
27. Describe the types of fuel, quantities (number of containers, type of containers and capacity of containers), method of storage and containment. Indicate the location on a map where fuel is to be stored, and method of transportation of fuel to project site.	No changes to the fuel tank farms, method of storage and containment are associated with the amended Project. As background, Amendment 2 of the Type A Water Licence addressed the details of construction of the tank farm at Roberts Bay: ftp://nunavutwaterboard.org/1%20PRUC/2%20MININ G%20MILLING/2A/2AM%20-%20Mining/2AM-DOH1323%20TMAC/1%20APPLICATION/2010%20Amendment%202/100922%202AM-DOH0713%20SRK%20MEMO%20Roberts%20Bay%20Fuel%20Tank%20Farm%20Expansion-IMLE.pdf Subsequent modifications to the Roberts Bay tank farm berm were approved by the NWB: ftp://nunavutwaterboard.org/1%20PRUC/2%20MININ G%20MILLING/2A/2AM%20-%20Mining/2AM-DOH1323%20TMAC/3%20TECH/6%20MODIFICATI ONS%20(H)/111114%202AM%20DOH0713%20Mo dification%20Tank%20Farm%20Berm%20Approval-ODTE.pdf The configuration of the tank farm at Doris Camp is shown in the following IFC drawings accepted by the NWB: ftp://nunavutwaterboard.org/1%20PRUC/2%20MININ G%20MILLING/2A/2AM%20-%20Mining/2AM-DOH1323%20TMAC/3%20TECH/5%20CONSTRUC T%20(D)/100525%202AM-DOH0713%20Fuel%20Tank%20Drawings-IMLE.pdf All are currently constructed as reflected in as-builts drawings previously submitted to NWB.

NIRB Part 2 Form Reference	TMAC Reference
28. Describe any secondary containment measures to be employed, including the type of material or system used. If no secondary containment is to be employed, please provide justification.	Secondary containment is addressed in the materials described at Item 28 above.
29. Describe the method of fuel transfer and the method of refuelling.	No changes to methods of fuel transfer are proposed. As previously, fuel transfers will occur in accordance with site operational procedures. Annual transfers from ship to the on-land facilities at Roberts Bay are expected and will continue to proceed in accordance with Project Certificate requirements as well as all applicable Canada Shipping Act, 2001 required plans and procedures.
30. Describe spill control measures in place	While the current approved Spill Contingency Plan (pursuant to the Type A Water Licence) will require updating to reflect the revised site configurations, generally current approved spill response planning will accommodate the proposed site changes – see ftp://nunavutwaterboard.org/1%20PRUC/2%20MININ G%20MILLING/2A/2AM%20-%20Mining/2AM-DOH1323%20TMAC/3%20TECH/8%20SPILL%20C P%20(I)/121023%202AM-DOH0713%20%20NWB%20Hope%20Bay%20Spill %20Contingency%20Plan-IMLE.pdf TMAC has a marine-specific spill response plan relating to fuel transfers (see Oil Pollution Prevention/Oil Pollution Emergency Plan previously submitted to NIRB).
Please refer to Environment Canada's fuel storage tank system regulations (*Storage Tank System for Petroleum and Allied Petroleum Products*) website at http://www.ec.gc.ca/st-rs/ for details on fuel storage requirements.	Note all fuel tanks are located on Inuit Owned Land. As noted above, no changes to fuel tanks are proposed.
Chemicals and Hazardous Materials* **included but not limited to oils, greases, drill mud, antifreeze, calcium or sodium chloride salt, lead acid batteries and cleaners*	
31. Describe the types, quantities (number of containers, the type of container and capacity of containers), method of storage and containment. Indicate the location on a map where material is to be stored, and method of transportation of materials to project site.	Cyanide will be stored at Doris North as previously approved. Changes to the original storage locations were made by amendment to the Type A Water Licence as described at this link: ftp://nunavutwaterboard.org/1%20PRUC/2%20MININ G%20MILLING/2A/2AM%20-%20Mining/2AM-DOH1323%20TMAC/1%20APPLICATION/2010%20 Amendment%202/ Specific design information on this facility can be

NIRB Part 2 Form Reference	TMAC Reference
	found at: ftp://nunavutwaterboard.org/1%20PRUC/2%20MININ G%20MILLING/2A/2AM%20-%20Mining/2AM-DOH1323%20TMAC/1%20APPLICATION/2010%20Amendment%202/100921%202AM-DOH0713%20SRK%20MEMO%20Cyanide%20and%20Reagent%20Storage-IMLE.pdf
32. Describe any secondary containment measures to be employed, including the type of material or system used.	Please see above.
33. Describe the method of chemical transfer.	Please see above.
34. Describe spill control measures in place.	Spill response measures with regard to cyanide are described in the Spill Contingency Plan: ftp://nunavutwaterboard.org/1%20PRUC/2%20MININ G%20MILLING/2A/2AM%20-%20Mining/2AM-DOH1323%20TMAC/3%20TECH/8%20SPILL%20CP%20%28I%29/121023%202AM-DOH0713%20%20NWB%20Hope%20Bay%20Spill%20Contingency%20Plan-IMLE.pdf
Workforce and Human Resources/Socio-Economic Impacts	
35. Discuss opportunities for training and employment of local Inuit beneficiaries.	As per current Doris North Inuit Impact and Benefit Agreement and to be discussed with KIA. Socio-economic impact issues are considered further in Appendix 23 of the enclosed Amendment Application
36. Discuss workforce mobilization and schedule, including the duration of work and rotation length, and the transportation of workers to site.	As per approved Project
37. Discuss, where relevant, any specific hiring policies for Inuit beneficiaries.	As per Inuit Impact Benefit Agreement with KIA
Public Involvement/ Traditional Knowledge	
38. Indicate which communities, groups, or organizations would be affected by this project proposal.	See Appendix 23 of the enclosed Amendment Package
39. Describe any consultation with interested Parties which has occurred regarding the development of the project proposal.	TMAC's predecessor, HBML conducted detailed consultation with regulatory authorities relating to the development of the enclosed proposal to modify the Project, in particular with Environment Canada in relation to the proposed ocean discharge. In April 2011, meetings were held with NIRB and NWB staff to provide an overview of the proposed project

NIRB Part 2 Form Reference	TMAC Reference
	changes. Additionally, significant consultation was undertaken with KIA, including a day long technical workshop held with KIA and its consultant team in June 2011. Community consultations were undertaken as described in Section 6 of the enclosed Amendment Package
40. Provide a summary of public involvement measures, a summary of concerns expressed, and strategies employed to address any concerns.	TMAC is committed to ongoing engagement with the communities in relation to the Project. Section 6 of the enclosed Amendment Package provides an overview of consultation to date.
41. Describe how traditional knowledge was obtained, and how it has been integrated into the project.	Traditional knowledge was considered in Supporting Document E of the Doris North FEIS, 2005. TMAC has a current traditional knowledge agreement with the KIA and its predecessor HBML developed the Project modification package in consultation with the KIA.
42. Discuss future consultation plans.	Further community consultation is planned during 2014. Additionally, TMAC is meeting with KIA as well as key regulatory stakeholders in November 2013 to provide an update on the status of the modified Project.
Section B: Mineral Exploration /Advanced Exploration /Development.	
B-1 Project Information	
1. Describe the type of mineral resource under exploration.	As previously, the Doris North Project is a gold project.
B-5 Stripping/ Trenching/ Pit Excavation	
15. Discuss methods employed. (i.e. mechanical, manual, hydraulic, blasting, other)	N/A
16. Describe expected dimensions of excavation(s) including depth(s).	N/A
17. Indicate the locations on a map.	N/A
18. Discuss the expected volume material to be removed.	N/A
19. Discuss methods used to determine acid rock drainage (ARD) and metal leaching potential and results.	N/A
B-6 Underground Activities	

NIRB Part 2 Form Reference	TMAC Reference
20. Describe underground access.	As previously, via the Doris North portal.
21. Describe underground workings and provide a conceptual plan.	See Section 2 of enclosed Amendment Package.
22. Show location of underground workings on a map.	See Section 2 of enclosed Amendment Package.
23. Describe ventilation system.	See Section 2 of enclosed Amendment Package.
24. Describe the method for dealing with ground ice, groundwater and mine water when encountered.	Ground water and mine water will report to the tailings impoundment area, which will discharge compliant water to the ocean via pipeline.
25. Provide a Mine Rescue Plan.	The current Emergency Response Plan (2013) addresses emergency response measures in place at present. A Mine Rescue Plan will be in place prior to going underground.
B-7 Waste Rock Storage and Tailings Disposal	
26. Indicate on a map the location and conceptual design of waste rock storage piles and tailings disposal facility.	The proposed amendment will expand the tailings disposal and waste rock storage capabilities at site. See Appendix 24 of enclosed Amendment Package for location of tailings disposal area and general site arrangement, and Appendices 18-19 of enclosed Amendment Package for design of new waste rock storage piles.
27. Discuss the anticipated volumes of waste rock and tailings.	See Section 2.1 of the enclosed Amendment Package
28, Discuss methods used to determine acid rock drainage (ARD) and metal leaching (ML) potential and results.	See Section 3 and Appendix 6-8 of the enclosed Amendment Package. Risks would continue to be managed under the approved Waste Rock Management Plan under the Type A Water Licence (ftp://nunavutwaterboard.org/1%20PRUC/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-DOH1323%20TMAC/3%20TECH/4%20WASTE%20DISP%20%28G%29/101209%202AM-DOH0713%20SRK%20Final%20Waste%20Rock%20and%20Ore%20Management%20Plan-IMLE.pdf).
B-8 Stockpiles	
29. Indicate on a map the location and conceptual design of all stockpiles.	SRK Appendix 18 of enclosed Amendment Package, attachment A (Pad T – Ore Storage Pad) and in SRK Appendix 19 of enclosed Amendment Package, attachment 1 (Pad U – Waste Rock Storage Pad)
30. Describe the types of material to be stockpiled. (i.e. ore, overburden)	SRK Appendix 18 – Pad T (ore) of enclosed Amendment Package

NIRB Part 2 Form Reference	TMAC Reference
	SRK Appendix 19 – Pad U (overburden/waste rock) of enclosed Amendment Package
31. Describe the anticipated volumes of each type of material to be stockpiled.	SRK Appendix 18, 19 of enclosed Amendment Package
32. Describe any containment measures for stockpiled materials as well as treatment measures for runoff from the stockpile.	SRK Appendix 18, 19 of enclosed Amendment Package includes a lined containment pond downstream for Pad U
33. Discuss methods used to determine acid rock drainage (ARD) and metal leaching (ML) potential and results.	SRK Appendix 6 of enclosed Amendment Package – ARD characterization and summary document
B-9 Mine Development Activities	
34. Indicate the type(s) of mine development activity(s): ▪ Underground ▪ Open Pit ▪ Strip Mining ▪ Other	As previously, the modified Project will be an underground mine.
35. Describe mine activities. ▪ Mining development plan and methods ▪ Site access ▪ Site infrastructure (e.g. airstrip, accommodations, offshore infrastructures, mill facilities, fuel storage facilities, site service roads) ▪ Milling process ▪ Water source(s) for domestic and industrial uses, required volumes, distribution and management. ▪ Solid waste, wastewater and sewage management ▪ Water treatment systems ▪ Hazardous waste management ▪ Ore stockpile management ▪ Tailings containment and management ▪ Waste rock management	As generally described in the enclosed Amendment Package which modifies the Project as originally described in the FEIS.

NIRB Part 2 Form Reference	TMAC Reference
▪ Site surface water management ▪ Mine water management ▪ Pitting and quarrying activities (please complete Section C) ▪ Explosive use, supply and storage (including on site manufacturing if required) ▪ Power generation, fuel requirements and storage ▪ Continuing exploration ▪ Other	
36. Describe the explosive type(s), hazard class, volumes, uses, location of storage (show on map), and method of storage.	See Appendix 24 for location of explosives storage facility.
B-10 Geology and Mineralogy	
37. Describe the physical nature of the ore body, including known dimensions and approximate shape. Amendment Package	See Section 3.1 of the enclosed Amendment Package.
38. Describe the geology/ mineralogy of the ore deposit	See Section 3.1 of the enclosed Amendment Package.
39. Describe the host rock in the general vicinity of the ore body.	See Section 3.1 of the enclosed Amendment Package.
40. Discuss the predicted rate of production.	See Section 4.2 of the enclosed Amendment Package.
41. Describe mine rock geochemical test programs which have been or will be performed on the ore, host rock, waste rock and tailings to determine acid generation and contaminant leaching potential. Outline methods and provide results if possible.	See Section 3.2 of the enclosed Amendment Package and Appendix 8.
B-11 Mine	
42. Discuss the expected life of the mine.	Section 4.1 of the enclosed Amendment Package addresses the extended mine life.
43. Describe mine equipment to be used.	Mine equipment to be used is described in the FEIS. See item 19 above.
44. Does the project proposal involve lake	Proposed changes to the Tailings Impoundment

NIRB Part 2 Form Reference	TMAC Reference
and/or pit dewatering? If so, describe the activity as well as the construction of water retention facilities if necessary.	Area are described in Section 4.4 and 4.5.
45. Discuss the possibility of operational changes occurring during the mine life with consideration for timing. (e.g. open pit to underground)	As described in the Phase 2 Project Description, certain modifications to the Doris North Project facilities may be necessary if the Phase 2 Project proceeds.
46. If project proposal involves uranium mining, consider the potential for radiation exposure and radiation protection measures. Particular attention should be paid to The Nuclear Safety and Control Act.	N/A
B-12. Mill	
47. If a mill will be operating on the property in conjunction with mining, indicate whether mine-water may be directed to the mill for reuse.	Mine water will not be directed to the mill for reuse.
48. Describe the proposed capacity of the mill.	As previously, a mill will be operating at the property. Section 4.2 of the enclosed Amendment Package addresses the increased mill rate.
49. Describe the physical and chemical characteristics of mill waste as best as possible.	See sections 4.3–4.5 of the enclosed Amendment Package, which addresses tailings management.
50. Will or does the mill handle custom lots of ore from other properties or mine sites?	It is possible the mill will be utilized in the future for testing of ore from advanced exploration activities located on the Hope Bay belt.
Section C: Pits and Quarries	
1. Describe all activities included in this project. • Pitting • Quarrying • Overburden removal • Road use and/or construction (please complete Section A) • Explosives transportation and storage • Work within navigable waters • Blasting	Additional quarries are proposed in the Amendment Package (See Appendix 3). Quarry methods will be the same as currently being employed. .

NIRB Part 2 Form Reference	TMAC Reference
• Stockpiling • Crushing • Washing • Other	
2. Describe any field investigations and the results of field investigations used in determining new extraction sites.	See Appendix 3.
3. Identify any carving stone deposits	None identified.
4. Provide a conceptual design including footprint.	See Appendix 3 for description of new quarries..
5. Describe the type and volume of material to be extracted.	See Appendix 3 for description of new quarries.
6. Describe the depth of overburden.	See Appendix 3 for description of new quarries.
7. Describe any existing and potential for thermokarst development and any thermokarst prevention measures.	See Appendix 3 for description of new quarries.
8. Describe any existing or potential for flooding and any flood control measures.	As per current established methods.
9. Describe any existing or potential for erosion and any erosion control measures.	As per current established methods
10. Describe any existing or potential for sedimentation and any sedimentation control measures.	As per current established methods
11. Describe any existing or potential for slumping and any slump control measures.	As per current established methods
12. Describe the moisture content of the ground.	See Appendix 6
13. Describe any evidence of ice lenses.	None
14. If blasting, describe methods employed.	As per current established methods
15. Describe the explosive type(s), hazard class, volumes, uses, location of storage (show on map), and method of	As per current established methods

NIRB Part 2 Form Reference	TMAC Reference
storage.	
16. Discuss methods used to determine acid rock drainage (ARD) and metal leaching (ML) potential and results.	See Appendix 6
17. Discuss safety measures for the workforce and the public	As per current established methods
Section D: Offshore Infrastructure	
1. Describe any field investigations and the results of field investigations used in selecting the site (i.e. aerial surveys, bathymetric surveys, tidal processes, shoreline erosion processes, geotechnical foundation conditions)	See Appendix 3, 4 and 5 of Amendment Package
2. Provide a conceptual plan, profile description and drawing(s) indicating shoreline, facility footprint, tidal variations, required vessel draft, keel offset, deck height freeboard	See Appendix 3, 4 and 5 of Amendment Package
3. Discuss how anticipated loads on the seabed foundation and on the offloading platform will be incorporated into the design.	Section 2.2. to 2.3 of Appendix 4 in enclosed Amendment Package.
4. Describe how vessels will manoeuvre around the facility. (e.g. pull alongside or in front)	See Section 2.2.7 of Appendix 4 of Amendment Package subsea pipeline alignment design and sited to avoid impacts
5. Discuss the anticipated life of the facility.	The facility is designed to accommodate the life of the project, including related reclamation activities
6. Describe whether part of the facility or project will be located outside of the Nunavut Settlement Area and whether any other regulatory requirements must be met (e.g. CEAA).	No part of the project is outside the Nunavut Settlement Area.
D-2. Facility Construction	
7. Describe the types of material used for construction (i.e. granular or rock, steel piling or sheet piling, concrete). If material is granular, consider acid rock drainage potential, metal leaching potential, percentage of fines, size.	Generally, see Appendix 4 and 5 for a description of the construction of the pipeline.
8. Describe dredging activities.	No dredging planned.

NIRB Part 2 Form Reference	TMAC Reference
9. Indicate source of granular or rock material used in construction.	Generally, see Appendix 4 and 5 for a description of the construction of the pipeline.
10. List quantities of the various types of material used in construction.	Generally, see Appendix 4 and 5 for a description of the construction of the pipeline.
11. Describe construction method(s).	Generally, see Appendix 4 and 5 for a description of the construction of the pipeline.
12. Indicate whether a site engineer will be on-site to inspect construction.	Yes
13. If proposed construction method involves dumping of fill into water, discuss measures for mitigating the release of suspended solids.	Generally, see Appendix 4 and 5 for a description of the construction of the pipeline.
D-3. Facility Operation	
14. Describe maintenance activities associated with the facility (e.g. dredging, maintenance to account for potential settlement of facility,)	As previously, no dredging will be required in relation to facility, which will operate as a private facility.
15. Discuss whether the public will have access to the facility(s) and describe public safety measures.	Public use will be restricted for safety reasons.
16. Describe cargo and container handling, transfer and storage facilities	As previously, annual sealifts will supply cargo to site. As described in Appendix 3, expanded laydown areas are proposed.
17. Indicate whether fuel will be transferred from barges at this site and describe the method of that fuel transfer.	As previously, annual sealifts will supply fuel to site
18. Discuss frequency of use.	Annual
SECTION F: Site Cleanup/Remediation	
1. Describe the location, content, and condition of any existing landfills and dumps (indicate locations on a map).	See Appendix 15 of enclosed Amendment Package.
2. Identify salvageable equipment, infrastructure and/or supplies.	These issues will be addressed in closure plans to be approved by the Nunavut Water Board.

NIRB Part 2 Form Reference	TMAC Reference
3. Provide a list of all contaminants to be cleaned up, anticipated volumes and a map delineating contaminated areas. This includes buildings, equipment, scrap metal and debris, and barrels as well as soil, water (surface and groundwater) and sediment.	These issues will be addressed in closure plans to be approved by the Nunavut Water Board.
4. Describe the degree of pollution/contamination, and list the contaminants and toxicity.	These issues will be addressed in closure plans to be approved by the Nunavut Water Board.
5. Describe technologies used for clean-up and/or disposal of contaminated materials. Include a list of all the physical, chemical and biological cleanup/ remediation methods, operational procedures, and the dosage/frequency of reagents and bacterial medium.	These issues will be addressed in closure plans to be approved by the Nunavut Water Board.
6. Identify and describe all materials to be disposed of off site, including the proposed off site facilities, method of transport and containment measures.	These issues will be addressed in closure plans to be approved by the Nunavut Water Board.
7. Discuss the viability of landfarming, given site specific climate and geographic conditions.	These issues will be addressed in closure plans to be approved by the Nunavut Water Board.
8. Describe the explosive types, hazard classes, volumes, uses, location of storage (indicate on a map), and method of storage (if applicable).	Generally as per current approved project.
9. If blasting, describe the methods employed.	Generally as per current approved project.
10. Describe all methods of erosion control, dust suppression, and contouring and re-vegetation of lands.	Generally as per current approved project.
11. Describe all activities included in this project. • Excavation (please complete Section B-5) • Road use and/or construction (please complete Section A) • Airstrip use and/or construction • Camp use and/or construction	Road use Airstrip use Camp use Quarrying

NIRB Part 2 Form Reference	TMAC Reference
• Stockpiling of contaminated material • Pit and/or quarry (please complete Section C) • Work within navigable waters (please complete Section H) • Barrel crushing • Building Demolition • Other	
H-1. Vessel Use	
1. Describe the purpose of vessel operations.	Shipping will occur as per previous approved project. Some use of accommodation barges and fuel barges is proposed from time to time.
2. List classes and sizes of vessels to be used.	With respect to general shipping to site, as per approved project. See FEIS, Technical Reports, Chapter 4 for description of shipping to site.
3. Indicate crew size.	With respect to general shipping to site, as per approved project. See FEIS, Technical Reports, Chapter 4 for description of shipping to site.
4. Indicate operating schedule.	With respect to general shipping to site, as per approved project. See FEIS, Technical Reports, Chapter 4 for description of shipping to site.
5. Provide a description of route to be traveled (include map).	With respect to general shipping to site, as per approved project. See FEIS, Technical Reports, Chapter 4 for description of shipping to site.
6. Indicate whether the vessel will call at any ports. If so, where and why?	With respect to general shipping to site, as per approved project. See FEIS, Technical Reports, Chapter 4 for description of shipping to site.
7. Describe wastes produced or carried onboard including the quantities, storage, treatment, handling and disposal methods for the following: a. Ballast water b. Bilge water c. Deck drainage d. Grey and black water e. Solid waste f. Waste oil g. Hazardous or toxic waste	With respect to general shipping to site, as per approved project. See FEIS, Technical Reports, Chapter 4 for description of shipping to site.

NIRB Part 2 Form Reference	TMAC Reference
8. List all applicable regulations concerning management of wastes and discharges of materials into the marine environment	All vessels will operate in compliance with applicable laws, including Canada Shipping Act, 2001 and its regulations as well as laws of general application such as the Arctic Waters Pollution Prevention Act and Fisheries Act.
9. Provide detailed Waste Management, Emergency Response and Spill Contingency Plans	All vessels will operate in compliance with applicable laws, including Canada Shipping Act, 2001 and its regulations as well as laws of general application such as the Arctic Waters Pollution Prevention Act and Fisheries Act.
10. Does the vessel(s) possess an Arctic Pollution Prevention Certificate? If yes, indicate the date of issue and the name of the classification society.	All vessels will operate in compliance with applicable laws, including Canada Shipping Act, 2001 and its regulations as well as laws of general application such as the Arctic Waters Pollution Prevention Act and Fisheries Act.
11. Describe the source of fresh water and potable water	Generally, ships will be self-contained but from time to time may obtain water from proponent in compliance with Type A Water Licence.
12. Indicate whether ice-breaking will be required, and if so, approximately where and when? Discuss any possible impacts to caribou migration, Inuit harvesting or travel routes, and outline proposed mitigation measures.	No ice breaking required.
13. Indicate whether the operation will be conducted within the Outer Land Fast Ice Zone of the East Baffin Coast. For more information on the Outer Land Fast Ice Zone, please see the Nunavut Land Claims Agreement (NLCA), Articles 1 and 16.	No.
14. Indicate whether Fisheries or Environmental Observers or any other Qualified Marine Observer will be onboard during the proposed project activities. If yes, describe their function and responsibilities.	No.
15. Describe all proposed measures for reducing impacts to marine habitat and marine wildlife (including mammals, birds, reptiles, fish, and invertebrates).	As per previous approved project. See generally Technical Report Chapter 4
16. Describe whether any part of the project will be located outside of the Nunavut Settlement Area and whether	No part of the project will be located outside of the Nunavut Settlement Area

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any other regulatory requirements must be met (e.g. CEAA).	
4. DESCRIPTION OF THE EXISTING ENVIRONMENT	
Please note that a description of the physical environment is intended to cover all components of a project, including roads/trails, marine routes, etc. that are in existence at present time.	
• Proximity to protected areas, including: i. designated environmental areas, including parks; ii. heritage sites; iii. sensitive areas, including all sensitive marine habitat areas; iv. recreational areas; v. sport and commercial fishing areas; vi. breeding, spawning and nursery areas; vii. known migration routes of terrestrial and marine species; viii. marine resources; ix. areas of natural beauty, cultural or historical history; x. protected wildlife areas; and xi. other protected areas. • Eskers and other unique landscapes (e.g. sand hills, marshes, wetlands, floodplains). • Evidence of ground, slope or rock instability, seismicity. • Evidence of thermokarsts. • Evidence of ice lenses. • Surface and bedrock geology. • Topography. • Permafrost (e.g. stability, depth, thickness, continuity, taliks). • Sediment and soil quality. • Hydrology/ limnology (e.g. watershed boundaries, lakes, streams, sediment geochemistry, surface water flow,	The physical environment as described in the Doris North FEIS, 2005, was considered generally in relation to the amendment and particularly in the update attached at Appendix 3. Chapter 2 of Doris North FEIS, 2005: • Bedrock lithology, morphology and structures • Geomorphology and soils • Permafrost • Potential for ground and rock stability • Hydrology/limnology • Water quality and quantity • Sediment and soil quality and quantity Chapter 10 of Doris North FEIS, 2005: • Air quality • Noise levels Chapter 7 of Doris North FEIS, 2005: • Other physical VECs

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groundwater flow, flood zones). • Tidal processes and bathymetry in the project area (if applicable). • Water quality and quantity. • Air quality. • Climate conditions and predicted future climate trends. • Noise levels. • Other physical Valued Ecosystem Components (VEC) as determined through community consultation and/or literature review.	
Biological Environment	The biological environment as described in the Doris North FEIS, 2005, was considered generally in relation to the amendment and particularly in the update attached at Appendix 3.
• Vegetation (terrestrial as well as freshwater and marine where applicable).	Chapter 2 of Doris North FEIS, 2005 Vegetation
• Wildlife, including habitat and migration patterns.	Chapter 2, 8, 16-21 of Doris North FEIS, 2005: Wildlife
• Birds, including habitat and migration patterns.	Chapter 2, 8, 19-21, 24 of Doris North FEIS, 2005: Birds
• Species of concern as identified by federal or territorial agencies, including any wildlife species listed under the Species at Risk Act (SARA), its critical habitat or the residences of individuals of the species.	No SARA species anticipated but rare and/or sensitive organisms and habitats discussed in Chapter 2, Section 2.2 of Doris North FEIS 2005.
• Aquatic (freshwater and marine) species, including habitat and migration/spawning patterns.	Chapter 2, 8, 12-15, 24 of Doris North FEIS, 2005: Freshwater and marine fish Other aquatic organisms
• Other biological Valued Ecosystem Components (VEC) as determined through community consultation and/or literature review.	Chapter 7, 12, 15 of Doris North FEIS, 2005: Other biological VECs

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Socioeconomic Environment	The socio-economic environment as described in the Doris North FEIS, 2005, was considered generally in relation to the amendment and particular in the update attached at Appendix 23 of Amendment Package
• Proximity to communities.	Chapter 8, 25-26 of Doris North FEIS, 2005: Selection of communities
• Archaeological and culturally significant sites (e.g. pingos, soap stone quarries) in the project (Local Study Area) and adjacent area (Regional Study Area).	Chapter 2, 23 of Doris North FEIS, 2005: Archaeological, cultural, heritage, burial, sacred and spiritual sites
• Palaeontological component of surface and bedrock geology.	Geology is considered generally at section 3.1 of the enclosed Amendment Package
• Land and resource use in the area, including subsistence harvesting, tourism, trapping and guiding operations.	Chapter 2, 12-14, 16-17 of Doris North FEIS, 2005: Land and resource use Chapter 26 of Doris North FEIS, 2005: Local and regional traffic patterns
• Local and regional traffic patterns	Chapter 25 of Doris North FEIS, 2005: Services and infrastructure Government
• Human Health, broadly defined as a complete state of wellbeing (including physical, social, psychological, and spiritual aspects).	Chapter 2, 24-25 of Doris North FEIS, 2005: Human Health
• Other Valued Socioeconomic Components (VSEC) as determined through community consultation and/or literature review.	Chapter 25-26 of Doris North FEIS, 2005: Other socioeconomic VECs
5. IDENTIFICATION OF IMPACTS AND PROPOSED MITIGATION MEASURES	
	See enclosed Table 1. Summary of impacts and their significance in Chapters 10-26, Sections 10.3 through 26.3 Environmental Management & Mitigation Plans in Chapter 6, Tables 6.4 through 6.19, specific environment, health and safety needs for each VEC

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2. Discuss the impacts identified in the above table.	See Ch.3 and 4 Appendix 4 Infrastructure Memo, Ch. 5 and 6 Appendix 4 Roberts Bay Memo, Appendix 5 No Net Loss Plan of Amendment Package
3. Discuss potential socioeconomic impacts, including human health.	See Ch. 4 Appendix 23 of Amendment Package
4. Discuss potential for transboundary effects related to the project.	No transboundary effects anticipated.
5. Identify any potentially adverse effects of the project proposal on species listed under the Species at Risk Act (SARA) and their critical habitats or residences, what measures will be taken to avoid or lessen those effects and how the effects will be monitored. .	No SARA species anticipated but rare and/or sensitive organisms and habitats discussed in Chapter 2, Section 2.2 of Doris North FEIS 2005.
6. Discuss proposed measures to mitigate all identified negative impacts	See Ch.3 and 4 Appendix 4 Infrastructure Memo, Ch. 5 and 6 Appendix 4 Roberts Bay Report, Appendix 5 No Net Loss Plan of Amendment Package Chapters 10-26 of Doris North FEIS 2005; Sections X.2, all VECs describe potential adverse environmental effects as well as mitigation and design features to reduce or avoid adverse effects, as appropriate.
6. CUMULATIVE EFFECTS	
Discuss how the effects of this project interact with the effects of relevant past, present and reasonably foreseeable projects in a regional context.	Ch.3 Appendix 3 Infrastructure Memo, Ch.5.2.5 Appendix 4 Roberts Bay Report,Ch 4.2.3 Appendix 23 of Amendment Package This was considered in the FEIS at Past, current, probable future developments: Chapter 4, Section 4.12 Proposed approach to cumulative effects Chapter 9, all VECs chapter 10.2, 10.3 through 26.2, 26.3
7. SUPPORTING DOCUMENTS	
Where relevant, provide the following supporting documents: • Abandonment and Decommissioning Plan • Existing site photos with descriptions • Emergency Response Plan • Comprehensive Spill Prevention/Plan (must consider hazardous waste and fuel handling, storage, disposal, spill prevention measures, staff training and emergency contacts)	As per Section 9 of the enclosed application, existing required Project plans will require updating in relation to the proposed modifications. Links to the current approved plans are provided below. Abandonment and Decommissioning Plan: ftp://nunavutwaterboard.org/1%20PRUC/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-DOH1323%20TMAC/3%20TECH/10%20A%20and%20R%20%28L%29/120823%202AM-DOH0713%20Closure%20and%20Reclamation%20Plan-IMLE.pdf Emergency Response Plan: ftp://nunavutwaterboard.org/1%20PRUC/2%20MINING

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• Waste Management Plan/Program • Monitoring and Management Plans (e.g. water quality, air pollution, noise control and wildlife protection etc.) • If project activities are located within Caribou Protection Areas or Schedule 1 Species at Risk known locations, please provide a Wildlife Mitigation and Monitoring Plan In addition, for Project Type 9 (Site Cleanup/Remediation), please provide the following additional supporting documents: • Remediation Plan including cleanup criteria and how the criteria were derived. • Human Health Risk Assessment of the contaminants at the site.	%20MILLING/2A/2AM%20-%20Mining/2AM-DOH1323%20TMAC/3%20TECH/8%20SPILL%20CP%20%28I%29/120201%202AM-DOH0713%20Hope%20Bay%20FEB12%20Emergency%20Response%20Plan%20V2.4-IMLE.pdf Comprehensive Spill Prevention/Plan: ftp://nunavutwaterboard.org/1%20PRUC/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-DOH1323%20TMAC/3%20TECH/8%20SPILL%20CP%20%28I%29/121023%202AM-DOH0713%20%20NWB%20Hope%20Bay%20Spill%20Contingency%20Plan-IMLE.pdf Waste Management Plan (Incinerator, Hazardous, Non-Hazardous): ftp://nunavutwaterboard.org/1%20PRUC/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-DOH1323%20TMAC/3%20TECH/4%20WASTE%20DISP%20%28G%29/G7%20Incinerator%20Mgmt%20Plan/120321%202AM-DOH0713%20Hope%20Bay%20MAR12%20Incinerator%20Management%20Plan%20R1.1-IMLE.pdf ftp://nunavutwaterboard.org/1%20PRUC/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-DOH1323%20TMAC/3%20TECH/4%20WASTE%20DISP%20%28G%29/120321%202AM-DOH0713%20Hope%20Bay%20MAR12%20Hazardous%20Waste%20Management%20Plan%20R1.1-IMLE.pdf ftp://nunavutwaterboard.org/1%20PRUC/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-DOH1323%20TMAC/3%20TECH/4%20WASTE%20DISP%20%28G%29/120321%202AM-DOH0713%20Hope%20Bay%20MAR12%20Non-Hazardous%20Waste%20Management%20Plan%20R1.1-IMLE.pdf Monitoring and Management Plan: ftp://nunavutwaterboard.org/1%20PRUC/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-DOH1323%20TMAC/3%20TECH/9%20MONITORING%20%28J%29%28K%29/K5%20Updated%20Monitoring%20and%20Follow%20up%20Plan/130123%202AM-DOH0713%20JAN13%20Monitoring%20and%20Follow-Up%20Plan-IAAE.pdf WMMP: http://ftp.nirb.ca/03-MONITORING/05MN047-DORIS%20NORTH%20GOLD%20MINE/02-MONITORING%20AND%20MANAGEMENT%20PLANS/WILDLIFE%20MITIGATION%20MONITORING%20PLAN/01-PLAN/130328-05MN047-TMAC%20Wildlife%20Mitigation%20%26%20Monitoring%20Plan-IA1E.pdf

TABLE 1 - IDENTIFICATION OF ENVIRONMENTAL IMPACTS

TMAC Resources Inc.
Project activities with respectto the
Doris North Mine Modifications

	PROJECT ACTIVITIES	ENVIRONMENTAL COMPONENTS	PHYSICAL	designated environmental areas (ie. Parks, Wildlife Protected areas)	ground stability	permafrost	hydrology/ limnology	water quality	climate conditions	eskers and other unique or fragile landscapes	surface and bedrock geology	sediment and soil quality	tidal processes and bathymetry	air quality	noise levels	other VEC:	other VEC:	BIOLOGICAL	vegetation	wildlife, including habitat and migration patterns	birds, including habitat and migration patterns	aquatic species, incl. habitat and migration/spawning	wildlife protected areas	other VEC: Marine wildlife	other VEC: fish and fish habitat	other VEC:	SOCIO-ECONOMIC	archaeological and cultural historic sites	employment	community wellness	community infrastructure	human health	other VSEC
CONSTRUCTION	Roberts Bay: Modifications to the jetty, install subsea pipeline and diffuser							M				M	M	M	M							M		M	M				P				
	Expand Roberts Bay laydown area				M	M	M	M				M	M						(N)			M							P				
	Expand Waste rock and ore storage pads (Pad U and T)						M	M				M		M	M				(N)		M	M							P				
	Expansion of wastewater treatment plant to accommodate Doris Camp increase from 180 person to 360 person capacity							M				M		M	M							M			M				P				
	Increase in domestic water use to accommodate Doris Camp increase from 180 person to 360 person capacity						M	M														M			M				P				
	Possibly relocation of existing Waste management facilities from Roberts Bay to landfill location				M	M						M		M																			
	Doris Central Vent Raise and associated infrastructure				M	M	M	M				M		M	M				(N)		M	M							P				
	Hiring and managing construction workforce																												P	P			
OPERATION	Roberts Bay: from time to time, use of accommodation barges frozen into Roberts Bay							M				M	M	M	M							M		M	M								
	Roberts Bay: Maintain ability to freeze in fuel in Roberts Bay							M				M										M		M	M								
	Underground: drilling, blasting, excavation of mineralized zones accessible through Doris North Portal				M	M		M						M	M														P				
	Sending encountered saline groundwater from the Mine to the TIA and directing compliant tailings water by pipeline to Roberts Bay instead of Doris Creek							M				M										M			M								
	Use of expanded waste rock and ore storage pads (Pad U and T)							M				M		M	M						M	M			M								
	Use of wastewater treatment plant to accommodate Doris Camp increase from 180 person to 360 person capacity							M				M		M	M							M			M								
	Use of domestic water use to accommodate Doris Camp increase from 180 person to 360 person capacity						M	M														M			M								
	Environmental and socio-economic monitoring						P	P				P		P	P										P				P	P		P	
	Hiring and managing operations workforce																												P	P			

TABLE 1 - IDENTIFICATION OF ENVIRONMENTAL IMPACTS

	TMAC Resources Inc. Project activities with respectto the Doris North Mine Modifications	ENVIRONMENTAL COMPONENTS	PHYSICAL	designated environmental areas (ie. Parks, Wildlife Protected areas)	ground stability	permafrost	hydrology/ limnology	water quality	climate conditions	eskers and other unique or fragile landscapes	surface and bedrock geology	sediment and soil quality	tidal processes and bathymetry	air quality	noise levels	other VEC:	other VEC:	BIOLOGICAL	vegetation	wildlife, including habitat and migration patterns	birds, including habitat and migration patterns	aquatic species, incl. habitat and migration/spawning	wildlife protected areas	other VEC: Marine wildlife	other VEC: fish and fish habitat	other VEC:	SOCIO-ECONOMIC	archaeological and cultural historic sites	employment	community wellness	community infrastructure	human health	other VSEC
	PROJECT ACTIVITIES																																
DECOMMISSIONING	Roberts Bay: Post-operations water management and decommission subsea pipeline and diffuser							M				M	M									M			M								
	Roberts Bay laydown expansion area							M				M	M	M	M					P	P	M											
	Waste rock and ore storage expansion area closure (Pad U and T)				M	M		M				M		M	M							M			M								
	Doris Central Vent Raise and associated infrastructure closure													M	M					P	P												
	Waste management facility at landfill area closure							M				M		M	M																		
	Post-closure environmental and socio-economic monitoring						P	P				P		M	M				P	P	P	P		P	P				P	P		P	
	Hiring and managing decommissioning and closure workforce																												P	P		M	

Note: Please indicate in the matrix cell whether the interaction causes an impact and whether the impact is

P = Positive
N = Negative and non-mitigatable
(N) = Negative however, is negligible effect when effect of removed vegetation is compared to region
M = Negative and mitigatable
U = Unknown

If no impact is expected please leave the cell blank