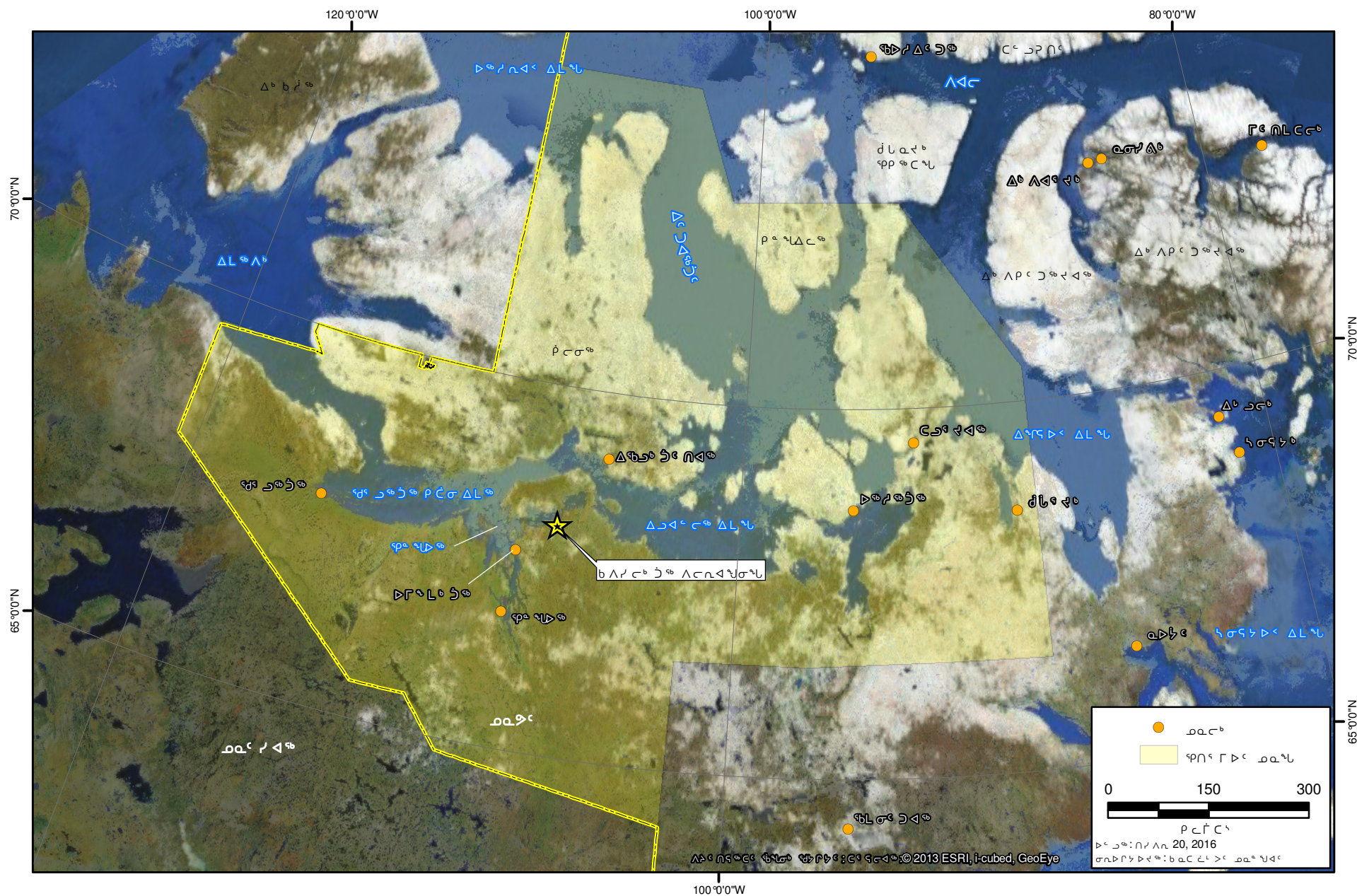


Annex V1-2

Executive Summary

(in Inuktitut, Inuinnaqtun, and English)



EIS-d^c[illegible][illegible][illegible][illegible]

ԳՐՈՂԾՏ ՃԵՂՈՐԸ

[illegible]

[illegible]

1.2 ለፍጥነት ምክንያት

1.2.1 $\triangleright \neg \neg \sigma \triangleleft \neg \delta \triangleright \neg \neg \omega \triangleright \neg \neg \eta$

$$\underline{\Lambda^{\circ c} \subset \Delta \sigma^{\circ b}}$$
[illegible][illegible][illegible][illegible]

- [illegible]

- [illegible]

$$\Delta \leq \frac{1}{\sqrt{\lambda}} \left(\frac{1}{\sqrt{\lambda}} + \frac{1}{\sqrt{\lambda}} \right) = \frac{2}{\sqrt{\lambda}}$$
[illegible][illegible]

- [illegible]

ኮንጋሪዎች ለደብዳቤ ለመላክ የሚያስፈልጉትን ደረጃዎች

- ለጥያቄዎች ለመላክ የሚያስፈልጉትን ደረጃዎች ለመወሰን ለሚያስፈልጉት ሁሉም ሰነዶች ላይ ለሚገኙት ማስረጃዎች ማረጋገጥ ይገባል፡፡
- **ወጪ ምዝገባ** በጥያቄው ላይ ያለውን ወጪ ምዝገባ በጥያቄው ላይ ማረጋገጥ ይገባል፡፡
- ለጥያቄው ላይ ያለውን ወጪ ምዝገባ በጥያቄው ላይ ማረጋገጥ ይገባል፡፡

የጥያቄውን ደረጃዎች ለመወሰን

ለጥያቄውን ደረጃዎች ለመወሰን ለሚያስፈልጉት ሁሉም ሰነዶች ላይ ለሚገኙት ማስረጃዎች ማረጋገጥ ይገባል፡፡

1.2.2 ለጥያቄውን ደረጃዎች

ዘንጋ ለጥያቄውን ደረጃዎች ለመወሰን ለሚያስፈልጉት ሁሉም ሰነዶች ላይ ለሚገኙት ማስረጃዎች ማረጋገጥ ይገባል፡፡

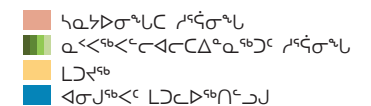
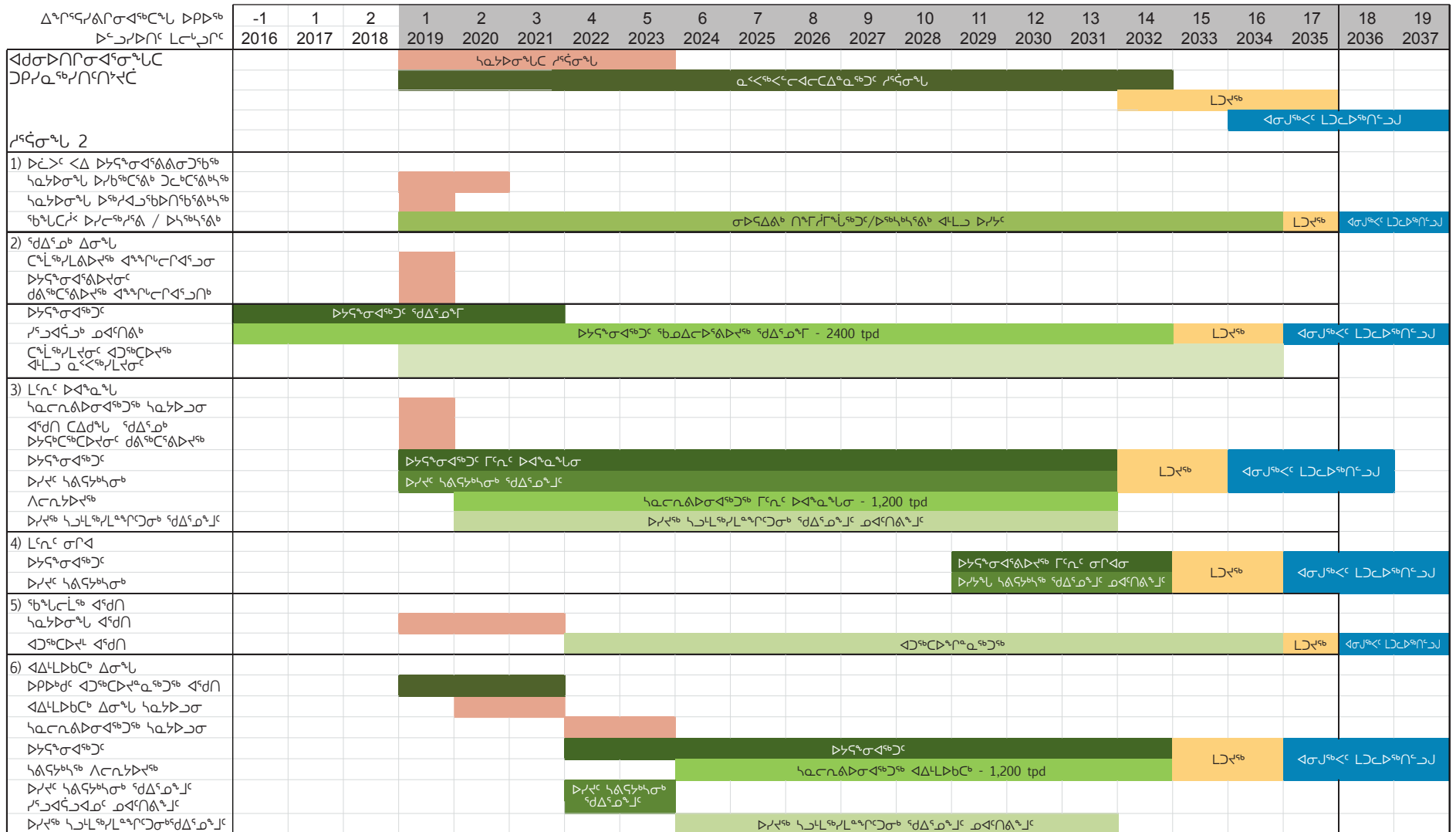
1.2.3 ደረጃዎች

ወጪ ምዝገባ ለጥያቄውን ደረጃዎች ለመወሰን ለሚያስፈልጉት ሁሉም ሰነዶች ላይ ለሚገኙት ማስረጃዎች ማረጋገጥ ይገባል፡፡

“ለጥያቄውን ደረጃዎች”

ለጥያቄውን ደረጃዎች ለመወሰን ለሚያስፈልጉት ሁሉም ሰነዶች ላይ ለሚገኙት ማስረጃዎች ማረጋገጥ ይገባል፡፡

1. ለጥያቄውን ደረጃዎች ለመወሰን ለሚያስፈልጉት ሁሉም ሰነዶች ላይ ለሚገኙት ማስረጃዎች ማረጋገጥ ይገባል፡፡
2. ለጥያቄውን ደረጃዎች ለመወሰን ለሚያስፈልጉት ሁሉም ሰነዶች ላይ ለሚገኙት ማስረጃዎች ማረጋገጥ ይገባል፡፡



[illegible][illegible]

ᐃᑦᓇ ᕿᑦᑲᑐᐃᑦᑐᐃᑦ ᓇᑐᓇ ᐃᑦᓂᑦᑐᑦ ᐱᑦᑎᐃᑦᑦ

[illegible][illegible]

1.2.4 $\dot{\rho}_0 \Delta \tau$ ԲԱՆԻՔԻ ԴԵՄՈՆՍՏՐԱՐԱՆԻ ՎԵՐԱԿԱՆԱԾՈՒՄԸ

Δ^{9b}b_QΔⁱ_YΛ^cΛ^cΔ^c

[illegible]

[illegible][illegible]

ከፍተኛ ጥራት ያለው የፍትሕ ሥርዓት ማረጋገጥ ይቻላል።

[illegible][illegible][illegible]

መግቢያ ለጥቅም አገልግሎት ለሚገኙት ሰራተኞች

[illegible]

[illegible]

ለፍጥነት ምክንያት ለሚከተሉት ምረቃዎች ምረቃውን

ልዩነቶችን በጥንቃቄ ማረጋገጥና ማረጋገጥ ለሚችሉት (ሁሉም ልዩነቶች ልዩነቶችን በጥንቃቄ) ልዩነቶችን በጥንቃቄ ማረጋገጥና ማረጋገጥ 600-ው ልዩነቶች. ጋራ ስራዎችን ለማረጋገጥና ለማረጋገጥ ልዩነቶችን በጥንቃቄ ማረጋገጥና ማረጋገጥ 400-ው ልዩነቶች 200-ው ልዩነቶችን በጥንቃቄ ማረጋገጥና ማረጋገጥ ልዩነቶችን በጥንቃቄ ማረጋገጥና ማረጋገጥ ለሚችሉት ልዩነቶች ልዩነቶችን በጥንቃቄ ማረጋገጥና ማረጋገጥ.

[illegible]

1.2.5 ለፍርድ ቤቱ የሚሰጡ ሰነዶች

CALDERA ካቢናት

[illegible]

ᑯᑦᑲ ᐱᒐᑭ ᐱᑦᑭᑦᑲᑦᑲᑦᑲᑦ ᑯᑦᑲ ᐱᑦᑲᑦᑲᑦᑲᑦ ᐱᑦᑲᑦᑲᑦᑲᑦᑲᑦ

[illegible][illegible][illegible]

[illegible][illegible]

[illegible]

$\Delta dL\Delta^c, \supset^{\text{qb}} dI^{\text{eq}} \delta^c, \triangleleft^L \supset \Delta c \cap \supset \supset^c \wedge \supset^c \cap \supset \supset \supset \supset^c$

[illegible][illegible][illegible]

1.2.6 $\triangleleft \nabla \cap J^c \triangleleft \triangleright \subset \sigma^{\omega}$

[illegible][illegible]

1.3 ደጋዊ ልማትና የሥራ አቅርቦት

የፅሁፍ ስራ ማጠቃለያ

[illegible]

ፊደል ስም ማህተም

[illegible][illegible]
$$\Delta C^{\text{b}} d^{\text{b}} \Delta^{\text{b}} d^{\text{c}} \text{ b} \Delta^{\text{b}} \text{ L} \sigma^{\text{a}} \text{ r}^{\text{c}}$$
[illegible][illegible]

[illegible]

1.4 $\triangleleft \nabla \triangleright$ ንፍጹም ልዩ ስፔሻል

1.4.1 ንጹህ ልብ ወለድ

[illegible][illegible][illegible][illegible][illegible][illegible][illegible]

[illegible][illegible][illegible]

1.4.3 Δ ቅጥር ንጹጽ ልዩነት

[illegible]

ደብዳቤው ስለሚያመለክተው የፌዴራል ፖሊስ ሰራተኛዎች በፍርድቤት ላይ ለመገኘት ማቆም አልተችሉም፡፡
 በዚህ ሁኔታ ላይ ለሚገኝ የፍርድቤት ሰራተኛዎች ማቆም አልተችሉም፡፡ በዚህ ሁኔታ ላይ ለሚገኝ የፍርድቤት ሰራተኛዎች ማቆም አልተችሉም፡፡

[illegible][illegible]

[illegible][illegible]

ዲፋልዲሮ	ወደ ስራ ስም ሶፊት (VEC)	ላይኛው የጥራት ማረጋገጫ ለውጥ	ሶፊት ለውጥ ለውጥ ስም	ላይኛው የጥራት ማረጋገጫ ለውጥ	ላይኛው የጥራት ማረጋገጫ ለውጥ
		- የፍልጠናው ዓላማ - ለውጥ ስም - ጥራት ማረጋገጫ - ላይኛው የጥራት ማረጋገጫ ለውጥ ስም - ላይኛው የጥራት ማረጋገጫ ለውጥ ስም - ላይኛው የጥራት ማረጋገጫ ለውጥ ስም	- ላይኛው የጥራት ማረጋገጫ ለውጥ ስም - ላይኛው የጥራት ማረጋገጫ ለውጥ ስም - ላይኛው የጥራት ማረጋገጫ ለውጥ ስም - ላይኛው የጥራት ማረጋገጫ ለውጥ ስም - ላይኛው የጥራት ማረጋገጫ ለውጥ ስም - ላይኛው የጥራት ማረጋገጫ ለውጥ ስም		
	ወደ ስም	- ላይኛው የጥራት ማረጋገጫ ለውጥ ስም - ላይኛው የጥራት ማረጋገጫ ለውጥ ስም - ላይኛው የጥራት ማረጋገጫ ለውጥ ስም - ላይኛው የጥራት ማረጋገጫ ለውጥ ስም - ላይኛው የጥራት ማረጋገጫ ለውጥ ስም - ላይኛው የጥራት ማረጋገጫ ለውጥ ስም	- ላይኛው የጥራት ማረጋገጫ ለውጥ ስም - ላይኛው የጥራት ማረጋገጫ ለውጥ ስም - ላይኛው የጥራት ማረጋገጫ ለውጥ ስም - ላይኛው የጥራት ማረጋገጫ ለውጥ ስም - ላይኛው የጥራት ማረጋገጫ ለውጥ ስም - ላይኛው የጥራት ማረጋገጫ ለውጥ ስም	- ላይኛው የጥራት ማረጋገጫ ለውጥ ስም - ላይኛው የጥራት ማረጋገጫ ለውጥ ስም - ላይኛው የጥራት ማረጋገጫ ለውጥ ስም - ላይኛው የጥራት ማረጋገጫ ለውጥ ስም - ላይኛው የጥራት ማረጋገጫ ለውጥ ስም - ላይኛው የጥራት ማረጋገጫ ለውጥ ስም	ላይኛው የጥራት ማረጋገጫ ለውጥ ስም

[illegible]

ዲፕሎማሲ	ወጪ ኮረብሳ ሥራወጪ (VEC)	የፋይናንስ ክፍል ለውጥ	የፋይናንስ አገልግሎት ለውጥ	የፋይናንስ አገልግሎት ለውጥ	የፋይናንስ አገልግሎት ለውጥ
የኢንፎርሜሽን ቴክኖሎጂ	የኢንፎርሜሽን ቴክኖሎጂ	- የኢንፎርሜሽን ቴክኖሎጂ ለውጥ - የኢንፎርሜሽን ቴክኖሎጂ ለውጥ - የኢንፎርሜሽን ቴክኖሎጂ ለውጥ	- የኢንፎርሜሽን ቴክኖሎጂ ለውጥ - የኢንፎርሜሽን ቴክኖሎጂ ለውጥ - የኢንፎርሜሽን ቴክኖሎጂ ለውጥ - የኢንፎርሜሽን ቴክኖሎጂ ለውጥ - የኢንፎርሜሽን ቴክኖሎጂ ለውጥ - የኢንፎርሜሽን ቴክኖሎጂ ለውጥ - የኢንፎርሜሽን ቴክኖሎጂ ለውጥ - የኢንፎርሜሽን ቴክኖሎጂ ለውጥ	- የኢንፎርሜሽን ቴክኖሎጂ ለውጥ - የኢንፎርሜሽን ቴክኖሎጂ ለውጥ - የኢንፎርሜሽን ቴክኖሎጂ ለውጥ - የኢንፎርሜሽን ቴክኖሎጂ ለውጥ	የኢንፎርሜሽን ቴክኖሎጂ
የፋይናንስ ሥራወጪ	የፋይናንስ ሥራወጪ	- የፋይናንስ ሥራወጪ ለውጥ - የፋይናንስ ሥራወጪ ለውጥ - የፋይናንስ ሥራወጪ ለውጥ - የፋይናንስ ሥራወጪ ለውጥ - የፋይናንስ ሥራወጪ ለውጥ - የፋይናንስ ሥራወጪ ለውጥ - የፋይናንስ ሥራወጪ ለውጥ - የፋይናንስ ሥራወጪ ለውጥ	- የፋይናንስ ሥራወጪ ለውጥ - የፋይናንስ ሥራወጪ ለውጥ - የፋይናንስ ሥራወጪ ለውጥ - የፋይናንስ ሥራወጪ ለውጥ - የፋይናንስ ሥራወጪ ለውጥ - የፋይናንስ ሥራወጪ ለውጥ - የፋይናንስ ሥራወጪ ለውጥ - የፋይናንስ ሥራወጪ ለውጥ	- የፋይናንስ ሥራወጪ ለውጥ - የፋይናንስ ሥራወጪ ለውጥ - የፋይናንስ ሥራወጪ ለውጥ - የፋይናንስ ሥራወጪ ለውጥ	የፋይናንስ ሥራወጪ

ዲፕሎማሲ	ወደ ስራ ስልጠና (VEC)	የፋይናንስ ስልጠና ለውጥ	የፋይናንስ ስልጠና ለውጥ	ድህረ ምረቃ ለውጥ	ለሰራተኛው ስልጠና
	ሰራተኛው ስልጠና: ሰራተኛው ስልጠና	- የሰራተኛው ስልጠና ለውጥ - የሰራተኛው ስልጠና ለውጥ	- የሰራተኛው ስልጠና ለውጥ - የሰራተኛው ስልጠና ለውጥ - የሰራተኛው ስልጠና ለውጥ - የሰራተኛው ስልጠና ለውጥ - የሰራተኛው ስልጠና ለውጥ	የሰራተኛው ስልጠና	-
	ሰራተኛው ስልጠና: ሰራተኛው ስልጠና	- የሰራተኛው ስልጠና ለውጥ - የሰራተኛው ስልጠና ለውጥ	- የሰራተኛው ስልጠና ለውጥ - የሰራተኛው ስልጠና ለውጥ - የሰራተኛው ስልጠና ለውጥ - የሰራተኛው ስልጠና ለውጥ - የሰራተኛው ስልጠና ለውጥ	የሰራተኛው ስልጠና	-
	ሰራተኛው ስልጠና: ሰራተኛው ስልጠና	- የሰራተኛው ስልጠና ለውጥ - የሰራተኛው ስልጠና ለውጥ	- የሰራተኛው ስልጠና ለውጥ - የሰራተኛው ስልጠና ለውጥ - የሰራተኛው ስልጠና ለውጥ - የሰራተኛው ስልጠና ለውጥ - የሰራተኛው ስልጠና ለውጥ	የሰራተኛው ስልጠና	-
	ሰራተኛው ስልጠና: ሰራተኛው ስልጠና	- የሰራተኛው ስልጠና ለውጥ - የሰራተኛው ስልጠና ለውጥ	- የሰራተኛው ስልጠና ለውጥ - የሰራተኛው ስልጠና ለውጥ - የሰራተኛው ስልጠና ለውጥ - የሰራተኛው ስልጠና ለውጥ - የሰራተኛው ስልጠና ለውጥ	የሰራተኛው ስልጠና	-

ዲፖዛይት	ወደ ስራ ስራ ስራ (VEC)	የዲፖዛይት ስራ ስራ	የሰራተኛው ስራ ስራ	ሰራተኛው ስራ ስራ	ሰራተኛው ስራ ስራ
	ሰራተኛው ስራ ስራ (Cisco/Whitefish) (ሰራተኛው ስራ ስራ)	- ሰራተኛው ስራ ስራ ስራ ስራ - ሰራተኛው ስራ ስራ ስራ ስራ	- ሰራተኛው ስራ ስራ ስራ ስራ - ሰራተኛው ስራ ስራ ስራ ስራ - ሰራተኛው ስራ ስራ ስራ ስራ - ሰራተኛው ስራ ስራ ስራ ስራ	ሰራተኛው ስራ ስራ ስራ ስራ	-
		ሰራተኛው ስራ ስራ ስራ ስራ	ሰራተኛው ስራ ስራ ስራ ስራ	ሰራተኛው ስራ ስራ ስራ ስራ	-
ሰራተኛው ስራ ስራ	ሰራተኛው ስራ ስራ ስራ ስራ	- ሰራተኛው ስራ ስራ ስራ ስራ - ሰራተኛው ስራ ስራ ስራ ስራ - ሰራተኛው ስራ ስራ ስራ ስራ	- ሰራተኛው ስራ ስራ ስራ ስራ - ሰራተኛው ስራ ስራ ስራ ስራ - ሰራተኛው ስራ ስራ ስራ ስራ - ሰራተኛው ስራ ስራ ስራ ስራ - ሰራተኛው ስራ ስራ ስራ ስራ - ሰራተኛው ስራ ስራ ስራ ስራ - ሰራተኛው ስራ ስራ ስራ ስራ	- ሰራተኛው ስራ ስራ ስራ ስራ - ሰራተኛው ስራ ስራ ስራ ስራ	ሰራተኛው ስራ ስራ ስራ ስራ

ዲፕሎማቲክ	ወደ ስራ ስልጠና ሰራተኛዎች (VEC)	የሰራተኛውን ስራ ለማረጋገጥ	የሰራተኛውን ስራ ለማረጋገጥ	የሰራተኛውን ስራ ለማረጋገጥ	የሰራተኛውን ስራ ለማረጋገጥ
		የሰራተኛውን ስራ ለማረጋገጥ	- የሰራተኛውን ስራ ለማረጋገጥ - የሰራተኛውን ስራ ለማረጋገጥ		
	የሰራተኛውን ስራ ለማረጋገጥ (የሰራተኛውን ስራ ለማረጋገጥ)	የሰራተኛውን ስራ ለማረጋገጥ	- የሰራተኛውን ስራ ለማረጋገጥ - የሰራተኛውን ስራ ለማረጋገጥ - የሰራተኛውን ስራ ለማረጋገጥ - የሰራተኛውን ስራ ለማረጋገጥ	የሰራተኛውን ስራ ለማረጋገጥ	-
		የሰራተኛውን ስራ ለማረጋገጥ	የሰራተኛውን ስራ ለማረጋገጥ	የሰራተኛውን ስራ ለማረጋገጥ	-
	የሰራተኛውን ስራ ለማረጋገጥ (Saffron) ስራ	የሰራተኛውን ስራ ለማረጋገጥ	- የሰራተኛውን ስራ ለማረጋገጥ - የሰራተኛውን ስራ ለማረጋገጥ - የሰራተኛውን ስራ ለማረጋገጥ - የሰራተኛውን ስራ ለማረጋገጥ	የሰራተኛውን ስራ ለማረጋገጥ	-
		የሰራተኛውን ስራ ለማረጋገጥ	የሰራተኛውን ስራ ለማረጋገጥ		

ዲፕሎማቲክ	ወደ ስራ ስልጠና ማስገባት (VEC)	የሰራተኛውን ስራ ለማረጋገጥ	የሰራተኛውን ስራ ለማረጋገጥ	የሰራተኛውን ስራ ለማረጋገጥ	የሰራተኛውን ስራ ለማረጋገጥ
		ጋራ ስራ	የሰራተኛውን ስራ ለማረጋገጥ የሚያስፈልጉትን ሰነዶች ማረጋገጥ	የሰራተኛውን ስራ ለማረጋገጥ	-
		ጋራ ስራ	የሰራተኛውን ስራ ለማረጋገጥ የሚያስፈልጉትን ሰነዶች ማረጋገጥ	የሰራተኛውን ስራ ለማረጋገጥ	-

ዲፕሎማሲ	ወጪ ኮረብሳ (VEC)	የሥራ ምክር ቤቱን የሥራ ስራ ለማሳደግ	የሥራ ምክር ቤቱን የሥራ ስራ ለማሳደግ	የሥራ ምክር ቤቱን የሥራ ስራ ለማሳደግ	የሥራ ምክር ቤቱን የሥራ ስራ ለማሳደግ
	የሥራ ምክር ቤቱን የሥራ ስራ ለማሳደግ የሥራ ምክር ቤቱን የሥራ ስራ ለማሳደግ የሥራ ምክር ቤቱን የሥራ ስራ ለማሳደግ	- የሥራ ምክር ቤቱን የሥራ ስራ ለማሳደግ - የሥራ ምክር ቤቱን የሥራ ስራ ለማሳደግ - የሥራ ምክር ቤቱን የሥራ ስራ ለማሳደግ	- የሥራ ምክር ቤቱን የሥራ ስራ ለማሳደግ - የሥራ ምክር ቤቱን የሥራ ስራ ለማሳደግ - የሥራ ምክር ቤቱን የሥራ ስራ ለማሳደግ	- የሥራ ምክር ቤቱን የሥራ ስራ ለማሳደግ - የሥራ ምክር ቤቱን የሥራ ስራ ለማሳደግ - የሥራ ምክር ቤቱን የሥራ ስራ ለማሳደግ	የሥራ ምክር ቤቱን የሥራ ስራ ለማሳደግ የሥራ ምክር ቤቱን የሥራ ስራ ለማሳደግ የሥራ ምክር ቤቱን የሥራ ስራ ለማሳደግ

ᐃᑲᑲᑦᑲᑦ ᐃᑲᑲᑦᑲᑦ ᐃᑲᑲᑦᑲᑦ ᐃᑲᑲᑦᑲᑦ

[illegible][illegible][illegible][illegible][illegible][illegible]

1.6 $\nabla^a \sigma^b \rhd^c \triangleleft^L L \rhd \triangleleft^D L^c \nabla^{\text{supp}} \rho^c \rhd^c$

[illegible][illegible]

1.7 ለድርጅቱ ልዩነት ለሚጠቅሙ ለሚጠቅሙ ለሚጠቅሙ

[illegible][illegible]

1.8 ርዕሰ ልማት ስራዎች ላይ ለሚደረግ የሥራ ልማት ስራ ለማድረግ የሚያስፈልጉ የሥራ ልማት ስራዎች

[illegible]

1.9 $\triangleleft^{\text{eq}}$, $\triangleleft^{\text{a}} \sigma \triangleleft^{\text{b}} C \Delta \Gamma L \sigma^{\text{b}}$, $\triangleleft^{\text{L}} L \triangleleft^{\text{C}} \Gamma^{\text{a}} \triangleleft^{\text{b}} C \Delta \Gamma L \sigma^{\text{a}} \triangleleft^{\text{C}} \triangleleft^{\text{L}} L \sigma^{\text{a}}$

[illegible][illegible]

1.10 $\Lambda \triangleleft \sigma^{\gamma} \tau C D^{\epsilon} \triangleleft \theta \cap J^{\zeta} \wedge \theta^{\epsilon} c \triangleleft \rho L^{\delta} \tau \sigma^{\flat} \triangleright \sigma^{\flat} b^{\flat} c \triangleleft^{\epsilon}$

[illegible][illegible]

1. Atanguyat Onipkangit

1.1 ILITTUQHITIT

Havaaghanut Naunaitkutat

Kapihiliktuumi Greenstone Belt taamna (“Nanminiuyuq”) TMAC Resources Inc.-kut (“TMAC”, “taapkua Havakviuyut”) tigumiaqtiullaqtut ihumagilluaqpaghugulu nalvaaqhiuqniq, hanavallianiq uyaraghiuqniqlu. TMAC-kut nanminiurutilgit nalvaaqhiuqtanut, atuqtaghanik ataqhiqmiklu Inuit Nalvaaqhiuqniqmut Angirutinik aktikkutaanut nunamik 20x80 km-nik nanminiqnik. Hapkua nalvaaqhiuqtanut tigumiaqtainit taapkuanguyut Kapihiliktuumi Greenstone Belt, talvani katiquhqtunik kulunik uyaraktaliit taapkua Doris, Madrid Tununnga, Madrid Hivuraat Boston-lu nayugait. Kapihiliktuuq nayugauyuqtauq amihunut nalvaaqhiuqvighanut talvuuna ilitturinnaqtuq taimaa manighiurutighat hapummihimayut ilitturinnaqniqtut, piinnarialingniaqtut hanayauniaqhutiklu, aulapkaqtaughaaqluni qatannguqatigiingnut.

Havaaghaq 2 Hanayaghanit (“Havaaghat”) ihumagilluaqpagaat uyaraghiuqtaghaat Madrid Tununnga, Madrid Hivuraat Boston-milu uyaraghiuqtaghanik ataqhugit aklivaalliqtiqhugillu Doris Havakvianit ikluqpautait atauttikut hanapluu Kapihiliktuumi Uyaraghiuqvighaq. Havaaghat hapkua havaaghaniktittiyut hanayaghakut tunngaviqattiaqtumik Kapihiliktuumi kuluut aulaghaaqtughauluni uyaraghiuqvik Kanatam Ukiuqtaqtuanit manighiuvighaq ikayuutighaillu Qitiqmiuni aviktuqhimayumiut. Hanayaghanut parnaiyautit ikighivaallirutigivagaat angiyunik niuviqtut aklivaalliutavaghuni nanminiqnik maniktuutighat taimaa nalvaaqhiuqpaallirumaaqtut aklivaalliqlutiklu.

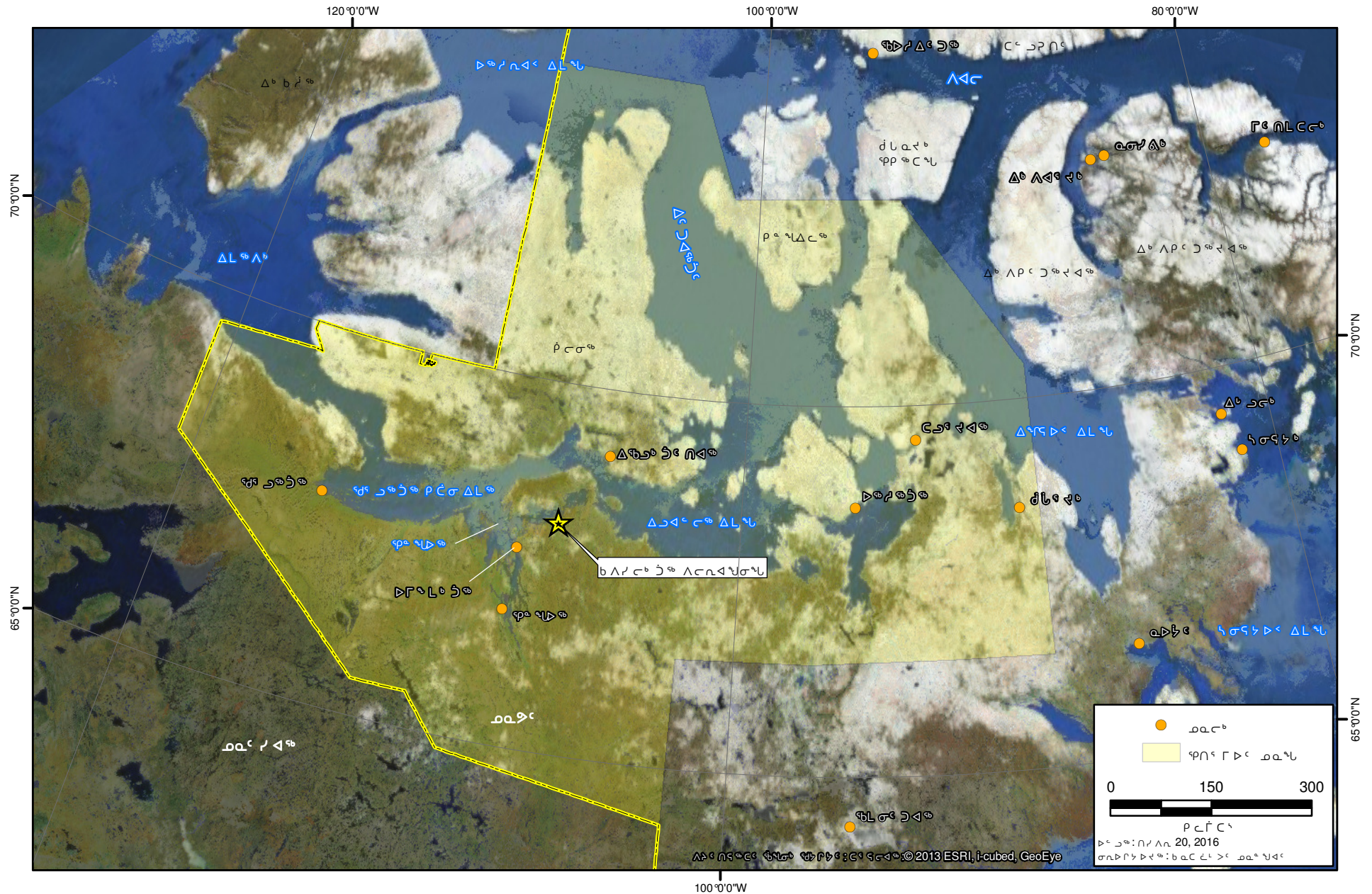
Nayugaat

Havaaghaq kivalliqhianiittuq Qingauk, unghiktigipluni 150 km-nik hivuraani kivalliqhianit Iqaluktuuttiaq uataani Qitiqmiuni, Nunavunmi, 700 km-niklu unghiktigiyuq tununngaani kivalliqhianit Yalunaimit (Naunaitkutaq 1). Qanitqiyauyut nunallaat taapkua Umingmaktuuq, unghiktigiyuq 60 km haniani uataanut, Qingauklu unghiktigiyuq 130 km-ik hivuraani kivalliqhianit. Tamangnik Umingmaktuuq Qingauklu inuqqlimiyuq; nayugarigaluangit inuit nuutpaktut Iqaluktuuttiamut ahinullu nunallaqnut, kihimi nunat tahapkua atuqtauvaktut huli aippaagunnguraangat.

Tununnganiqpaani Kapihiliktuumi uyaraghiuqvighaq qaffinik qurluqtulik harvaqpaktut Roberts Kangiqhuanut, taamnaluk Quingniq Kuugaa harvaqpaktut Kapihiliktuum Kangiqhuanut. Qurluqtut hivuraanit uyaraghiuqvigham harvaqpaktut qulvahitqiyaanut Quingniqmut Kuugaanut. Tamaat nuna hanianiittuq Qingaum-Ayapapaqtuqviuplu Kangiqhuanut.

Avatinut Ihuilutitut Titiqqat (EIS)

TMAC-kut Havaaghaat 2 Havaaghanit ilittuqhitiyuq aulahimaaqtunik qauyihaiyunik tughirautinik tuniyauhimayut 2011-mi taapkuninnga Hope Bay Uyaraghiuqtit Limatit. May 2012-mi, tughirautit tuniyauhimayut NIRB-kunnut ihivriuqtauyughat inungnut malighugu Ilanga 5 talvanngat Ilanga 12-mit Nunavut Angirutaanit. Maliktaghat Parnaiyainiqmik iniqtauyughanik EIS-nik tuniyauhimayut talvanngat Nunavut Avatiliqiyit Katimayit (NIRB) December-mi, 2012-mi. NIRB-kut tajja ihivriuqtaat hapkua iniqtauyughat Avatinut Ihuilutitut Titiqqat Havaaghanut 2 ilittuqhitihiyutit TMAC-kut ihivriutqiyutauyut ihivriutqiyutit May 2012-mi. EIS taamna ilauyuq Avatinut qauyihaiyunik havahiinut tutqighaqtahimayut havaaghanut malighugu Nunavut Angirutaat.



TMAC-kut parnaiyaimayut EIS-nik ikayuqtauplutik inuit qauhimayatuqainik, nunallaaqmiut uqauhiinit ihumagiyaunitlu, ayuqnaqtunik qauyihaiyinit, ayuittunit, unniqtuiyinu qaffinit havaaqnit. EIS-kut, avatiniklu qauyihainikkut, TMAC-kut illittuqhitiyut Havaaghaq 2-mik Havaaghanit avatiinit naahuriyauyunitlu havaaghanit. Ihuilutauniarahugiyaayut naahuriyauyut ihuaqhautillu iniqtauhimayut. Halumailruqarniqmi, (taapkuatut halumailruit ihuaqhautit atuqtauaqhimagumik), ingattaqnianiklu “ilitturinnaqniagullu” ihuilutit qauyihagtauvaqtut naunaitkut pihimayait atuqhugit ayuittullu uqauhiigut. Hapkua ilauyut naunaitkut qauyihautillu ilitturinnaqtut EIS-nit.

Havakvighaq

TMAC-kut Kanatamiutaayut uyaraghiuqtit nanminiq havakvighaqhutik talvani Havakvingnit, Iqaluktuuttiami, Yalunaimi, Toronto-milu. TMAC-kut niuviqhimayaat Kapihiliktuumi Nanminiat Newmont Uyaraghiuqtiinit March 2013-mi. Niuvigtaaqhugu, TMAC-kut hanatqiliqtut Doris Havakvianik (Havaaghaq 1 Kapihiliktuumi Havaaghanit) uyaraghiuqtiit Kapihiliktuup Uyaraghiuqviighaanit. TMAC-kut tamatkiumayunut manighaqtaqpaktut iniqattiaqhutiklu nalvaaghiuqtuganut, piinnarianiktittiyunut, hanayunut, aulapkaiyunut, umiktiriniqmullu uplumi hivunighamilu kulunik katiqhuqvingnit Kapihiliktuum Uyaraghiuqviighaanit. Nanminiup aulapkaiyuqangit, hanayit avatiliqiyillu havaqatigiit ilihimattiaqtut Ukiuqtaqtumi nalvaaghiuqniqmik aularaaqniaghiaplutik hanalutik ikayuqtiighiuqlutiklu nunallaaqni nanminilgillu nanminiillu ukiuqtaqtumi ilihimayunik.

Qitiqmiuni Ikayuqtiigiit

Kitukiat havaaghat haffuma aktikkutaatut aghuuqtauyuniklu hanayunik Kapihiliktuumi uyaraghiuqviighamik iniqtaulaittuq inuilaqmi. Amihunik ikayuqtiqaqtughat taapkualu TMAC-kut ikayuqtauvaktut hanayaghainut ikayuqtiqattiaqhutik malrunnik angiyunik Inuit katimaqatigiingnik: Nunavut Tunngavikkut Timingat (NTI) taapkualu Qitiqmiuni Inuit Katimayit (KIA). NTI-kut ikayuqtiyut parnaiyaivaghutik munaqtiuvaghutiklu Inuit munariyaghainik titiraqhimayut talvani Nunavut Angirutaanit. NTI-kut tigumiaqtiyut qaanganit nunat pilaarutainik nalvaagaqniklu talvani Inuit Nanminiinit Nunaanit (IOL) Nunavunmi, qaanganullu nunat pilaarutainik tamaat Kapihiliktuumi Nanminianut nalvaagtaghanullu pilaarutainik kitunutkiaq aviktuqhimayunik Nanminianit. KIA-kut titiraliqvaktut pilaarutainik qaanganik nunanik taapkuninngalu Inuit Ihuilutinit Ikayuutitut Angirutinit (IIBA) mighaagut taapkua TMAC-kut havaangit Nanminianit. KIA-kut TMAC-kullu ikayuqtiigikpangiaqtut taja ikayuhanganik hivunighamilu havaqatigiingnikkut angirutikkullu taja atuqtauyut taapkualu Havauhighanut Angirutikkut, Inuit Ihuilutinit Ikayuutitut Angirutikkut (IIBA) talvuunulu Nanminiaqtut Atuqtitauyukkut. Tamangnik katimaqatigiit havaaghaqaniat kivgaqtuqhugit Inuit taimaa, taapkualu TMAC-kut, talvuuna Havauhighanut Angirutikkut ahiniklu, hivunighami angirutikkut pitquyaukpat, inuuhigattiarniqmut manighautikkullu ikayuutighaqtugit Nunavunmiut, Nunavut, Kanatalu munaqtiuplutik nunanik ihuaqtukkut.

1.2 HAVAAGHAQ

1.2.1 Uyaraghiuqviup Naunaitkutait

Havauhighait

TMAC-kut aulapkaivangniat uyaraghiuqvingnik Kapihiliktuumi Havakviinit uyaraghiuqhutik Doris-mi (angiqtauhimayut hanayauplunilu Havaaghaq 1 Kapihiliktuumi Havaaghanit), kinguani niuvigtittitutik uyaraghiuqlutik Madrid Tununngaanit, Madrid Hivuraanit Boston-milu uyaraghiuqviighaanit. Hapkua havauhighait atuqtauvangniat hanayunit, aulapkaiyunit, utiqittigumik ilitquhianut umiktittigumiklu, umikviitalu kinguani havaaghanik.

Havaaghaq 1 (Doris-mi) Havaaghanit ikluqpaghaliuqvialiqtut Roberts Kangiqhuani Doris Havakvianilu hiniktaqviaqhutik (inighaqahutik 280-nut inungnik); aulayumik uyaraghiuqvingmik nunap ataani hiqupluqtaghalingnik hiqupluqtaaqhimaqahuni, ukiuraaluk atuqtauyumik milvingmik, hiqupluqtuiyunit kuvviit (TIA), 20-milian liters-nik uquhuqhat tutqumaviinik, hiqupluqtuivingmik, hanaviqaqhutiklu aulapkaiaami uyaraghiuqtut havaangit.

Havaaghaq 2 Havaaghanit quulliriiktitauniaqtut havaaghanut Havaaghaq 1-mit talvani Doris havakvianit. Qanittuungmat Madrid-mi havakviat Doris Havakvianut, hiqupluqtiqvingmut, TIA-mullu talvuuna Havaaghaq 2 Havaaghanit atuqpangniarait ikluqpaghaliuqhimayut Doris-mi. Imaatut akighilaarutauniaqtut aulapkaiyunik, mighivaalliqlugu havakvighaat, hivikinaaqlugu havakvighaat Madrid-mi uyaraghiuqvighami, ikayuqhugit havaktut Boston-mi Havakvianit. Angiqtauhimayut ikluqpaliuqvighat hannaviillu Roberts Kangiqhuani Doris Havakvianilu havaktighariaktut aulapkaiaami Havakviup havaaghainik Havaaghaq 2-mi.

Havaaghaq 2-mi Havaaghanit quulliriiktittiniaqtut hanayainik uyaraghiuqtullu havaanginik. Parnaiyaqtauhimayut havakvighait uyaraghiuqtut Madrid-mi Boston-milu hammauvut:

- Uyaraghiuliqlutik Madrid Tununngaani Ukiuq Hivulliqlumi (1) (2019) aularaaqlutik Ukiumut 13 (2031), hiqupluqtuilutik Doris-mi Madrid-mi Tununngaani hiqupluqtuiviinit;
- Uyaraghiuliqlutik Boston-mi Ukiuq Hitamaanit (4) (2022) aularaaqlutik Ukiumut 14 (2032), hiqupluqtuilutik Doris-mi Havakvianit Ukiut 4-mi 5-milu, talvanilu Boston-mi hiqupluqtuivianit aulapkaqtitaugumi Ukiuq 6-mi.
- Uyaraghiuliqlutik Madrid Hivuraanit Ukiuq 11-mi (2029) aularaaqlutik Ukiumut 14 (2032), hiqupluqtuilutik Doris-mi talvanilu/unit Madrid Tununngaani havakviinit.

Havakvighaq Hanayauyughamut Ihumagiyaghat

TMAC-kut aulapkaiahuaqpaktut ihuaqtukkut inuuhiqnut avatinullu. Talvuuna, Nanminiit hapkua tamatkiumanahuaqhutik ihuaqhainahuaqhutiklu hanayaghanik Kapihiliktuumi ihumaliurahuapaktut, ikkuaqtuqtauplutik ihuinaaqtailinahuaqtumik. Nunat, inuuhit-manighiurutinit, ilitquhiit, aanniaqtailiniq aanniqtailiniqlu, ahiillu qauyihaqtauhimayut taapkua qauyihautigiliqtait ihumagiyaavaktut hanatjuhigat ihumaliuqhugit Kapihiliktuumi Havaaghanit Havaaghaq 2-milu. Naunaitkutaittumik, ihuilutillu naunaittumik, TMAC-kut amirinahuaqhutik havagahuaqpaktut taimaa aanniqtailiplutik ahiruqtiqtailiplutiklu.

Naunaitkutat Havaaghaq 2-mi hanayaghanut parnaiyaiplutik ihumagiyaghanik naunaiqhitiyut kinguani.

- TMAC-kut havakviqarumayut aanniaqtailiniq aanniqtailiniqlu ihumagiplugit ihuaqhaihimmaaqhutik havakviqattiarimi aanniqtailiplutik huliuyuqaqtailiplugu havakviit.
- Ilitquhiit Qauhimayatuqat (taapkualu *Inuit Qaujimagatuqangit*) [IQ] ihumagiyaavaghunilu, naunaitkutaniklu ingilravingnik, anngutighat ingilraviit, nayugait anngutighat ihumagiyaghat, nunamilu hulilukaayuktunik.
- Inuuhiqattiarniqmut-manighiurniqmit ikayuutit ihuaqhaqtaunahuat havaktighaqhiurutighat (ilihaitjutighallu iharianaqat) nunallaaqmunit Qitiqmuni Aviktuqhimayumi. Havaaghat nanminiinullu ikayuutit aulapkaqtitaavaktut talvuuna Inuit Ihuilutinut Ikayuutinullu Angirutinik (IIBA) taapkua TMAC-kut KIA-kullu. Ihuilutauniarahugiyayut inuuhiqattiarniqmut-manighiurniqmit ihuaqhaqtauniaqtut havakvingnit ayuiqhaqpaalliqhutik havauhikkut taapkuatut Havaktit Ilaitalu Ikayuutaigut.

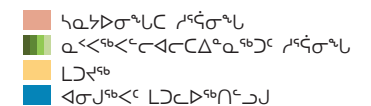
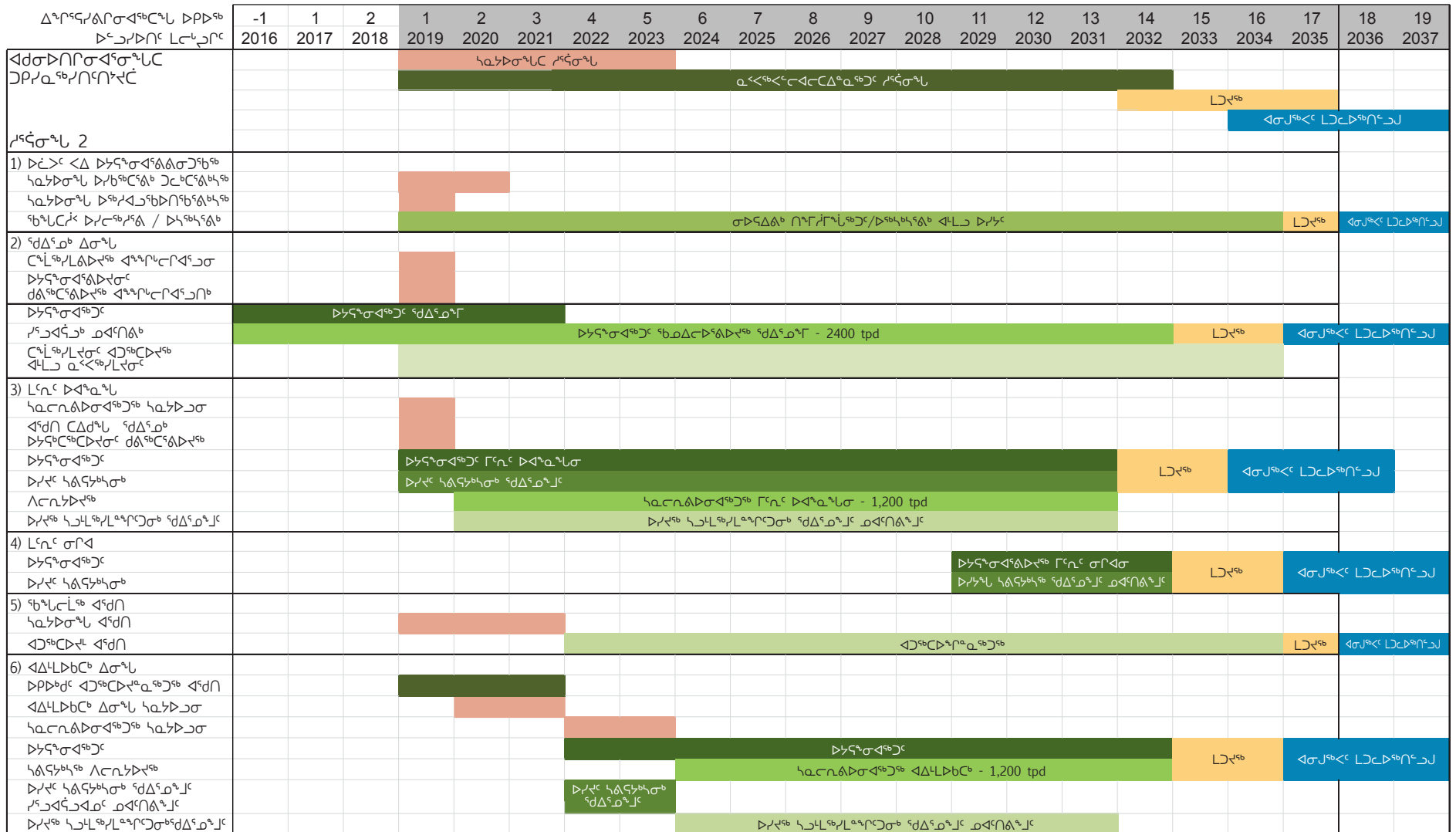
- TMAC-kut utuqqalingnik qauyihaivaktut naunaitkutallu katitiqhimayut inituqlirnit aulaqvianik Kapihiliktuumi Havaaghat (uyaraghiuqtullu havaktut) atuqtittivalliyut Aulapkainiqmut Havauhighalluanik ilitturinnaqhitiplugit havauhighat ilittuqhinnirumik nutaamik utuqqalingmik. Inituqliit nunaulyuqtauvaktut upaktailivaghutiklu ihuaqqat.
- Nunamut ihuilutauniarahugiyauyut ikighilaaqtauvaktut ihuaqhautikkut havauhikkut hanayaghaliuqhutik havakvighamik. Hapkunani ihumagiyaghaittauq nunallu atuqtauyuitut, avataaniittut tutquumaviuyut, aktuqtailiyaghat amirnaqtut (taapkuatut ivaviit tingmitjat, iqalliqiviit kuukkat) ayuqnaitpat, aulapkainahuaqhutiklu nayugaqnik. Amirnaqtut nunaulyuqhimayut ilittuqhitiaghat amiriyaghat uumayulgit nayugaillu; hapkua ilittuqhitiyauvaktut ilitquhiqnik qauhimayatuqanik ilitquhiyuniklu ikpingnaqtunik.
- Hanayauyughanit ihumagiyauyughat ihuilutaulaaqtut hilamit aallannguqtaqtumi. Qauyihaqhimayinit naahuriyauyut iliqahiutihimayut hivunighami hila aallannguqtaqtumi immaplu qanuriningaanit, hanayauyughanullu uyaraghiuqvighanit ikluqpaliuqvighanik (taapkuatut apqutighanik, hiqupluqtuivingmik aulapkainiqmik) ihumaaluatauvaktut amiqnaramik aallannguqtaqtunut.
- Qiqumayutuqait ilitturiyauhimaliqtut nunamilu hanayaghanut maliktaghat qiqumayutuqanik hanayauhimaliqtut. Hapkua ilittuqhitiuyut aallannguutitut qiqumayutuqanik hila aallannguqtaqtumi.
- Qaffiuyut aallannguqtauyut hanatjuhiitut ihuaqhautauniarahugiyauyut ihuilutitut nunanik atuqpaktunut. Imaatut nunanik atuqpaktut ingilralaalaqivaktut apqutiqarnikkut havakviuplu haniagu taimaa ihuilutaulaittaami aullaqtaqtunut nunami.

Naahuriyauyut Hivunighami Havaaghat

Ihumagiyaghat naahuriyauyut hivunighami havaaghat taimaa ilauvakkami Havakvingnik hanayunut. Havaaghaq inmikku aviktuqhimayunik havaaghalgit hanavalliaplutik Kapihiliktuumi Uyaraghiuqvighamik ilittuqhitiulaaqhuni, piinnarianiktittitutik hanavallialutiklu havaaghanik uyaraghiuqtunit. Ikluqpaghaqarami tajja hanahimayunik aulapkaqtitauyuniklu Havaaghanut hapkuninnga ihuaqutauniaqtut hivunighami havaaghanit.

1.2.2 Havaaghat Naunaitkutait

Kapihiliktuumi Havaaghat atauttikkuuqtunik havakviqaqtut havaktuqaqhutiklu hitamauplutik havakviit aularaaqtillugu uyaraghiuqvik. Hanayaghalgit huli aulapkainiqmullu havaaghanik ilangi havakvingnit hanaliqtinnatik aulapkaitinnagillu ahinik uyaraghiuqvighanit. Aajjikkutavyaatut, umiktiqviinit kinguanilu-umikviinit havaaghait ilangi havakvingnit aullaqtitauniaqtut aulapkaihuiqtinnatik ahinik havakvingnik. Tamatkiumayukkut, havakvighaat Havaaghaq 2-mi Havaaghanit iliqahiutihimayut havaaghanik aulayughanik hitamanik ukiunik Hanavighaat (Ukiuq 1 Ukiuq 4-mut), atauttikkuuqhutik taapkualu havaaghalraat 14-nik ukiunik Aulapkaivighaat (Ukiuq 1 Ukiuq 14-mut). Umiktiriyut utiqtiriuyullu nunanik pitqhianut havaaghat aullaqtitauniaqtut ukiuq 14-mi, aularaaqlutik hitamanik ukiunik naallugit. Umiktiriyut-kinguani havaaghait aviktuqtauvaktullu, aullaqtitauplutik Ukiuq 16-mi. Naunaitkutaq 2-1 ilittuqhitiuyuq Havaaghat iniqvighanik qaffiuyunut Havaaghaq 2-mi havaaghanit.



1.2.3 Ahiit Havauhighat

NIRB-kut Maligaghainit TMAC-kunnut qauyihaiquhimayut “pilaariaghait/pilaitaaghainikluuniit” Havaaghaq 2-mi havaaghanik, ilittuqhitilutiklu aallanik havauhighanik aullaqtittiyaami havakvingnik.

Pilaariaghait/Pilaitaaghainikluuniit

Malruuyut inirutaulaaqtut taapkuninnga pilaariaghait/pilaitaaghainikluuniit ihumaliuqtaghat Havaaghaq 2-mut Havaaghanit:

1. Aullaqtiqlutik Havaaghaq 2-mik Havaaghanit, ilittuqhitiyauhimayutut Tughirautainit.
2. Taimaakaffuklugit Havaaghaq 2 Havaaghanit amiriyaghat ilitturiyautaarumik qauyihagtaugumik ikighilaaqtaulaqtut ihuaqhaqtaulaaqhutikluuniit taimaa aulattiaqnarungnaqhiyuq Havakvighaq.

TMAC-kut ukpiruhuktut taimaa Havaaghaq 2 havaaghanit aulattiaqnarahugiyaat havaaghaq aullaqtitauyughaq ikayuutighait tamangnik ilaayut taapkualu KIA-kut NTI-kullu. Hapkua inirutighat ilittuqhitilgit taimaa Havaaghaq 2 havaaghaniutingniaq hanayaghanit nutaanik uyaraghiuqvinghanik Kanatam Ukiuqtaqtuanit. Kapihiliktuumi Nanminianit uyaraghiuqtaghalik, Kapihiliktuumilu piqutait nutaangutqiyauyut. Amiqnautit ikighivaalliqtauhmayut niuvigainit havakvingnut ahinullu, hanayainillu havakvingnit ikluqpaghautainik. Hanayaghanut parnaiyautiat hanayauhimayut niuviqpallaaqtailiplutik hanahimmaaqlutik tajja ikluqpautainit manighiurutighat aklivaalliutighat nalvaaqhiuqpalliatjutighallu.

Naahuriyauyut ikayuutighat Havaaghanit nunallaaqmiunut havaaghaayut manighiurutinillu ikayuutit nakurutaayut tamangnut inuuhiqnut piyumayainullu Inuit manighiuqtittiplugit havaaghanit Qitiqmiunit nunallaat.

Ahiagut Havauhighakkut Aulapkaiyut Havaaghanik

Nayugaita katiqhuqhimayut uyaraghiuqtaghat ikighivaalliutaayut ahinik havauhighanik hanayughanik Havaaghaq 2-mi havaaghanik. Hanatjuhiit tamangnik havakvighat ikluqpaliuqhimayunik ihariattiyut ikiniqhanik taapkuninnga uyaraghiuqviup itiqtarvianik, uhiiyarvingnik, qulliliqiyit hunaqutainik, uqhuqhanik, taapkuninngalu, ikluqpaghat havakviit. Hanatjuhighait ihumagiyaouvaktut tamangnut hanayaghanut naunaitkutait ikluqpaghait naunaitkutait ikittuuplutik tamangnit Havakvingnit uyaraghiuqvingnit, talvuuna, amihut uuktuqtaghat ihumagiyaouvaktut hanayauliqhuni hanayaghat taimaa ikluqpaghanut inighaqtattarniaqtut tamangnit havakvingnit.

Ahiagut aullaqtittiyaami Havaaghaq 2 havaaghanit angitqiyallu havaqatigivagait hanayaayut Kapihiliktuumi. Ahiit qauyihagtaughaaqhimayut nayugaghainik agyaqtaqtait, itiqtarvighaat Boston Havakvianut talvuuna apqutikkut milvikkullu, qaangani uyaraghiuqniq taapkualu nunap iluanit uyaraghiuqtut, qaffiuyaaghait naniittaaghaillu hiqupluqtuiviit, uuktuqtaghat hiqupluqtauhmayunik munaqhiyunik, qanuqlu qulliaqqtittami. Ihuaqnighakkut, qaffiuyut ahiit uuktuqtaghat qauyihagtauhmayut ayuqnaqniigut maniktuutaigullu, avatinut ihuilutaigut, utiqtittilaariaghait, nunallaaqnit ihuariyaukpat, inuuhiqattiarniqmut-manighiurniqmit ikayuutaigullu. TMAC-kut ukpiruhuktut taimaa havaaghat hapkua takupkaqtitaayut qauyihagtauhimaplutik iniqtauyughanit EIS-nit ilitturinnattiaqtuq qauyihautit tamatkiumayunut ilitturinnattiaqtunullu tughirautainik tuniyauhimayutq Newmont-kunnit December 2011-mi.

1.2.4 Manighiurniqmut Aulapkainiqmullu Avatiit

Havaaghanit Ikayuutit

Naallugit aulavighaat-uyaraghiuvik, Havaaghaq 2 Havaaghanit havaaghaniktittiniaqtuq haniani 10,470 inukkut-ukiunik havaaghanik Kanatami tamaat. Talvani 2,307 inukkut-ukiunik havaaghanik hanayinit havaktunit (6,685 inukkut-ukiunik naallugit [piniaqhimaqlutik, pittailiplutik, havaaghaniktitaunyukllu] havaaghanik), imaalu 8,162 inukkut-ukiunik havaaghanik (27,245 inukkut-ukiunik naallugit havaaghanik) talvani uyaraghiuviit havakviinit. Havaktittiniat havaktiqaqlutik upluq tamaat 411-nik (FTE) havaktinik Ukiuq 1-mi, amigaiqpallialugit 808-nik Ukiuq 3-mi, ikighivallialutik ukiut malruk atuqtughanit, talvuuna havakvighainut Aulapkaiyut, havaktiqaqlutik akunngani 824-nik 865-nikluunit FTE-nik havaktinik.

Nunavunmi, 346-nik inukkut-ukiunik havaaghat naahuriyauyut Hanatillugit imaalu 960-nik inukkut-ukiunik havaaghanik Aulapkaiyunik. Tamangnik havaaghanit ikayuutighat Nunavunmi ilitturiyauniaqut Qitiqmiuni Aviktuqhimayumi Aulapkaigumik, amigaitqiyallu (90%) Nunavunmi havaaghanit ikayuutit Hanatillugit Qitiqmiuninngaaqniarahugiyauyut. Naunaitkutaq 1 ilittuqhitiyuq naahuriyauyunut manighiurniqmut ikpingnautit Havaaghaq 2-mi Havaaghanit.

Naunaitkutaq 1. Naahuriyauyut Manighiurniqmut Ikpingnautit

Manighiurnitit Ikayuutit	Hanayut (Ukiuq 1 Ukiuq 4-mut)			Aulapkaiyut (Ukiuq 5 Ukiuq 14-mut)		
	Kanata	Nunavut	Qitiqmiut	Kanata	Nunavut	Qitiqmiut
Naallugit Havaaghat (inukkut-ukiunit) ¹	6,685	473	358	27,245	1,740	1,419
• Havaaghakkut (inukkut-ukiunik)	2,307	346	312	8,162	960 (tamangnik Qitiqmiuniittut)	
GDP (\$ milian)	\$727.4	\$58.1	\$40.0	\$3,073.7	\$229.8	\$190.4
Akiligaghanit Manighat (\$ milian)	\$143.9	\$10.1	\$6.7	\$528.4	\$30.8	\$24.1
• Kavamatuqait	\$81.2	\$6.5	\$4.5	\$286.4	\$18.6	\$9.3
• Aviktuqhimayunit/Aviktuqhimayumi	\$62.7	\$3.6	\$2.2	\$242.1	\$12.2	\$14.8
Havaktinit Manighat (\$ milian) ²	\$526.6	\$50.3	\$36.2	\$2,236.7	\$192.1	\$170.5
• Havaaghakkut Manighat	\$287.1	\$42.8	\$34.3	\$1,248.2	\$147.1 (tamangnik Qitiqmiuniittut)	

Naunaittughat: (1) "Naallugit Havaaghat" nalauttaaqpagait havaaghat, pinahuaqtailiplutik, havaaghaniktittiplutiklu. (2) Havaktinit manighat iliqahiutiyaavaktut inuit maniliugainit ikayuutait havaaghanit, pinahuaqtailiplutik, havaaghaniktittiplutiklu.

Pivighaat: ERM, 2016. Kapihiliktuumi Havaaghat: Manighiurniqmut Ikpingnautinut Maliktaghanut Naunaitkutut.

Nunallaaqnit Havaktighaqhiuqtut Niuvigtullu

TMAC-kut naahuriyut taimaa haniani 15% hanayit havaktighat 30%-lu aulapkaiyunit havaktut Nunavunminngaaqniaqtut. Havaaghanut ihumagiyaulluaqniaqtut havaktighat Qitiqmiunit nunallaaqnit taapkua lqaluktuuttiaq, Qurluqtuq, Uqhuqtuuq, Taluryuq, Kuugaaryuklu. Ataagut taamna IIBA (March 2015-mi), irinigiyaulluaqtuq havaktighaqhiuqtut Inungnik nunalgit Qitiqmiuni Aviktuqhimayumi.

TMAC-kut kaantulaaktittiyumayullu Qitiqmiuni Havainnarianiktunut Nanminilingnut. Titiraqhimayutut IIBA-nit, Qitiqmiuni Havainnarianighimayut Nanminiit kaantulaangit ilittuqhitiyuq kaantulaaktitaunyuk hunaqutinut ikayuutinullu angmaumayunik akiraqtuutiyunut Qitiqmiuni Havainnarianiktunut Nanminilingnut, taapkuattauq Angmaumayut Kaantulaaghat kaantulaaktitaavaktut hunaqutinut ikayuutinullu havaarinngitamingnik Qitiqmiuni Havainnarianiktut Nanminiit. TMAC-kut, havaqatigiplugit KIA-kut ahiillu katimaqatigiit, havaqatiginahuaqtait hananahuaqhutik akiraqtuutininik parnaiyainiqmut iliaqtitaghanik Inungnut nanminilingnut. Qakugunnguqqat TMAC-kut ukpirihuktut taimaa Havaaghaq 2

havaaghait nakurutauniaqtut havaktighaqhiurniqmut Qitiqmiuni Nunavunmilu taimaalu havaaghaniktittivaallirniat hivunighami Nunavunmiunut.

Havaktiit Hiniktarviit Ingilratjutiillu

Naahuriyauyuq taimaa naallugit havaktiit Kapihiliktuumi Havakvianit (hanayut aulapkaiyullu havaktiit) amigaiqpaalliqliat 600-ngulutik inuit. Doris-mi hiniktarviat aklivaalliqaunahuaq inighaqaqluni 400-nik inungnik taamnalut nutaag 200-nik inungnik hiniktarvighaq hanayauniaqtuq Boston-mi. Havaktit havaktut Madrid havakviinit hinikviqarniat Doris-mi.

Havaaghat aulapkaqtitauniaqtuq tingmipkailutik havakvingnut/havakvingnillu. Saataqhimayunik tingmiaqaqpangniat Edmonton-mut/Yalunaimut havakviknullu hitamaiqtuqlutik 1 week tamaat, agyaqtaqniaqhutik havaktinik Nunavunmiutaunngittunik. Nunavunmiutat tingmipkaqtitauniat nunallaaqnit Iqaluktuuttiakkut havakviinut. Tamangnik havaktiit havakpangniat 3 weeks havaklutik/3 weeks havaguiqhimalutik.

1.2.5 Havakvingnit Iklupaghaliuqviit Havaktullu

Tajja Iklupaghaliuqviit

Tajja (taapkualu/unit angiqhimayut) havakvingnik iklupaghaliuqviit atuqtauniaqtut ahinit aulapkaiyainut/nalvaaqhiuqtunit havaaghanit atuqtaulaaqhutiklu Havaaghanit hanayunik taapkualu: Doris-mi Havakvianit hiniktaqvingnik inighalingmik 280-nik inungnik; Doris-mi milviat; Roberts Kangiqhuanit uhiiyaqvik tunmiraq apqutiklu Doris-mut; Madrid Tununngaanilu Madrid Hivuraanilu havakviit apqutillu itiqtarviit; hiniktarviillu milviklu Boston-mi.

Nutaat Aklivaalliqluqhimayullu Iklupaghaliuqviit

Qanilrua Madrid hania talvunga Doris Havakvianut, hiqupluqtuivingmut, TIA-mullu ihuaqutauyut hanayunut Havaaghaq 2-mik Havaaghanit atuinnaaqaramik iklupaliuqviit Doris-mi, talvuuna akighivaalliutivaktuq mighivaalliqhugulu hanavighat. Naunaitkutaq 2-mi ilittuqhitaqvaktuq parnaiyaqtauhimayunik nutaat hanayaghat imaalu/unit aklivaalliqtiglugit iklupaliugait Havaaghami 2.

Uyaraktarviit/hiuraqtarviit Uyaraghiuqvighallu

Hanayauyughat aulahimmaaqhutiklu ahiqquiyaiyut Havakviit hannaviinit iklupaghaliuqviillu hanayauyariaqaqniat uyaraghiuqvighanit tuapaliaghamik. Havakviit hanatjuhigahanit ilittuqhitaqhimayut uyaraghiuqvighanik taapkualu uyaraghiuqvighaat amirnaillruuqtut. Itiyaaqtumik 5 M-nik uyaraghiuqtat uyaraktaaqhimayut ihariagiyauniaqtut Havaaghaq 2-mut Havaaghanit hanayunik.

Agyaqaqtut Ingilratjutillu

Roberts Kangiqhua uqhuqhaqtaqpangniat tamangnik uqhuqhat, ingilrutighat hunaqutighallu ihariagiyaat Havaaghaq 2-mut Havaaghanit hanayunik aulapkaiyuniklu kihinnuqhugit ahiittut kitullukiaq irininaqtut tingmiakkuuqtughat. Tamangnik havaaghat aulatillugit, TMAC-kut naahuriyut taimaa uqhuqhaqpangniarahugiyut pingahuiqtuqlutik agyaqtaulutik, pingahuniklu hitamanikluuniit uhiliqvighat (umiakkut agyaqtautit hunaqutinik, ingilrutinik, hunaqutighainik, hunaqutitatqiktullu) ukiuq tamaat hikuiraangat.

Naunaitkutaq 2. Nutaat Aklivaalliqhimayullu Ikluqpaghaliuvviit

Nayugaat	Hanayauyut taapkualu/unit Aklivaalliqhiyut Havaangit
Roberts Kangiqhua	- Hanayaghat uhiyaqvik tunmiraqvighaq hunaqutinut Roberts Kangiqhuani. - Hanayaghat 10 ML-nik imaqtalingnik tutquumavighainik (taapkuatut malruk 5 ML qattaqyuit). - Ilaaqtuqlugu apqutit/ititqarviiit uhiyarvingmut.
Doris-mi Havakvit	- Aklivaalliqhiyut hiniktarvingnik. - Aklivaalliqhiyut Doris-mi Hiqupluqhimayut Kuvvianik (TIA), kingighivaalliqlugulu hivuraaniittuq haputiliuqhimayut hanalugulu uataaniittuq haputighaq.
Madrid Tununngaa	- Iniqtiqtaghat Madrid Tununngaani uyaraghiuvviit nunap ataani havaangit. - Aviktuqhimayukkut ilaaqtuqpangniaqtaat qaangani ikluqpaliuqvighat Madrid Tununngaani uyaraghiuqtut hannavighaat hiqupluqtuivighamiku, qulliliqivighamiku, uhiyaqvingmik, taapkuninngalu, hiqupluqhimayut kuvviit. - Hanayaghat 1,200 tpd-nik hiqupluqtuivighamiku qulliliqivighamiku talvani Madrid Tununngaani. - Hanayaghat ukiuraaluk apqutighamiku hiqupluqtuqtaghaniku tuqhuamiku Madrid Tununngaani talvunga hivuraanut Doris TIA-nganut. - Hanayaghat ahiqqiuvighaq hannavik ahiillu ikluqpautit ihariagiyaat uyaraghiuqtut. - Hanayaghat ahiit ikluqpaliuqvighat iharianaqtut uyaraghiuqtunut hiqupluqtuiyunullu Madrid-mi, taapkualu uquqhat tutquumaviit, hiqupluqtuqtaghat tunngaviit, hiqupluqtaaqhimayut tunngaviit, imautighaniku tahiraqmiku. - Hanayaghat ahiit ikluqpaliuqvighat ihariagiyaayut nalvaahiquqhimaqtunut tamangni Madrid-mi Boston-milu. - Hanayaghaliuqlutik uyaraghiuqvighanik hanayauyughat atuqtauyughallu kiluanit uyaraghiuvviup.
Madrid Hivuraa	- Iniqtiqlugit Madrid Hivuraani nunap ataani havaangit. - Aviktuqhimayukkut ilaaqtuqpaalliqniaqtaat qaangani ikluqpaliuqtaghat Madrid Hivuraani hanavighait uyaraghiuqtut. - Hanalutik ikluqpaliuqvighanik ihariagiyaanik ihuaqutighait uyaraghiuqtut havaktut Madrid Hivuraani taapkuninngalu uquqhat tutquumaviit, hiqupluqtuqtaghat kuvviit, hiqupluqtaaqhimayut kuvviit, imautighaniku tahiraqmiku. - Hanayaghaliuqlutik uyaraghiuqvighanik hanayauyughat atuqtauyughallu kiluanit uyaraghiuvviup.
Ukiuraaluk-apqutaayug	- Hanayaghat Madrid-Boston-mi AWR atatarutaayumik Madrid-mik Boston-miklu havakviinik, iliqahiutilugit qurluaqtut apqutip haniani. - Hanayaghaliuqlutik uyaraghiuqvighanik hanayaghainut AWR-mik.
Boston	- Hanayaghat ukiuraaluk-milvighamiku Boston-mi. - Hanayaghat ikluqpaghaliuqvighamiku ihariagiyaanik uyaraghiuqvighainut hiqupluqtiriyullu havaanginit Boston-mi taapkualu hanayut nutaanik hiniktarvighanik (200-nik hinikvigaqluni) ihuaqutighallu havakviit (kuvviqnik amirnaiaiyut, ikulavik, imiqtautainik), hiqupluqtuqtaghat tunngaviat, hiqupluqtaaqhimayut tunngaviat, katiqhuivik, paniumayuniklu hiqupluqtaaqhimayut kuvviqnik munaqtauviat (TMA), uhiyaqvik, ahiqqiuviiit hannaviit, imautighallu tahiqqat. - Hanayaghat Boston Havakvianit hiqupluqtuivighaq. - Hanayaghat qulliliqivighaq uquqhanullu tutquumaviit. - Hanayaghat kuvviqnik imaqnik halummaqhivingmik anittivighainiku Aimaukkataaluk Tahianut. - Ahiit ikluqpaghaliuqtaghat ihariagiyaayut ihuaqutighat aulapkainiqmik uyaraghiuqtunik Boston-mi.

Havaaghaq 2-mi atuqpangniaqtut qaffinik atariiktunik hannavingnit apqutilluanik. Kayummaaqtailivangniillu aanniqtailiplutik. Havaktit agyaqtauvangniat saataqhimayukkut tingmiakkut Edmonton-mit, Yalunaimit, Qitiqmiuniluuniit nunallaqnit. Tingmiakkut agyaqpangniaqtut hunavalungnik havaktit agyaqtautagut, agyaqtautikkullu. Nutaq takitigiyaq 2,000 m-nik milvik hanayauniaqtuq Boston havakvianit. Milvik hanayauihimayut milviyaami tingmitjanik taapkuatut Dash-8 taamnaluk Boeing 737-200 milviulaaqhunilu angitqianik tingmiaqnik Hercules C-130-tut. Tajjalu ukiuraaluk milviuvaktumik milvilgit (hikumilu milvingmik) talvani Doris Havakvianit.

Madrid-Boston-lu Ukiuraaluk Apqutauyuq

Taamna Madrid-Boston Ukiuraaluk Apqutighaq (AWR) nutaanguniaqtuq hanayauyughaq Havaaghaq 2 Havaaghainit. Apqut hanayauhimayuq atauhiinnaqmik aghaluutituqvigalik nutqaqviqaghuni taimaa ahiit qaangiutiyumaaqtut. Agyaqtautit aghaluutit atuqtauvangniat hanayughanik apqutimik ingilravangniaqhugu apqutit agyaqtaqhutik hiqupluqtaghanik katiqhuqtaniklu Aulapkaqtitaugumik.

Uyaraghiuqtut Havauhiit

Taapkua Doris-mi, Madrid-mi, talvanilu Boston-mi uyaraghiuqvighat qikumayutuqamiinniaqtut ilangilu qikumaraayuittumit. Taimaalu, Madrid-mi uyaraghiuqtaghat ataaniittut tahiqnit, talvuuna qikumayutaqamiinnigittut, kihimi Boston uyaraghiuqvighat qikumayutuqaniittuq. Uyaraghiuqvighat upaktauvangniat tunmirakkut qulaanit atqaqtaqtunik, agyaqtautiginahuaqhugillu hiqupluqtaghanik hiqupluqhimayuniklu nunap ataani. Nunap ataani uyaraghiuqtut qaffiyyunik havauhiqaqniaqtut nunap qanuriningaigut uyaraghiuqtaghaillu qanuriningaigut.

Hiqupluqtaaqhimayunik Kuvviqniklu Munaqhiyut

Uyaraghiuqtut havauhiinik atuqhutik ikighaalurauvaktuq hiqupluqhimayut qaanganunngaqtunik, taimaa imautiniktailivagaat qaangani, ikighilaarutaupluni qagaqtaqtunik uqhuqtuqtuniklu agyaqtauyughanik nunap iluani uyaraghiuqvianit. Hiqupluqtaaqhimayut hauyauniaqtut kiluanut umiktitautinnagu. Tamangnik uyaraghiuqviit hiqupluqtaaqhimayunik kuvvilgit qanitpiaqtuq uyaraghiuqviit itiqtarviinut. Hiqupluqtaaqhimayut uyaqqat Havakvingnit ilitturiyauhimayut amirnaittutiklu acid-mik qurluaqtuqalaittut.

Hiqupluqtaghanik Munaqhiyut Qipliqhaiyullu

Havaktillugit Havaaghaq 2-mi, hiqupluqtaghat tutquumayauniaqtut Madrid Tununngaani, Madrid Hivuraanit, Boston-milu havakvingnit. Taamna Doris-mi qipliqhaivik aulainnarialaqiyuq atuqtauvangniaqhuni Havaaghaq 2-mi; Doris-milu hiqupluqtaghat atuqtauvangniaqtullu. Hiqupluqtuivangniat Doris-mi, Madrid Tununngaani, Boston-milu havakviinit; uyaraghiuqtauyut Madrid Hivuraanit agyaqtauvangniat aghaluutikkut Doris-mut Madrid-mulluuniit Tununngaani hiqupluqtuivianut. Madrid Tununngaani hiqupluqtuiviat (1,200 tpd) Boston-lu hiqupluqtuiviat (1,200 tpd) katiqhuiniaqtut agyaqtauyughanik Doris-mut kuluit ahivaqlugit. Avatquutauyut uyaraghiuqtait Madrid Tununngaani agyaqtauvangniaqtuqlu Doris-mut hanayauvighainut. Naahuriyauyuq taimaa Ukiumit 4 Ukiumut 6-mut, uyaraghiuqtauyut Boston Havakvianit agyaqtauvangniat Doris-mut taamna Boston-mi hiqupluqtuivighaq aullaqtitaullurumi kihimi Ukiuq 6-mi.

Kuvvikurnik Munaqhiyut

Kuvvikuit talvanngat Madrid Tununngaani hiqupluqtuivianit milukaqtaulutik anittiyauniaqtut Doris-mi TIA-nganut tuqhuakkut apqutip haniani. Aulapkaqtitauniaqtuq Doris TIA-ngat tajja angiqtauhimayutut. Kuvviit talvanngat Boston hiqupluqtuivianit paniumalutik kuviyauvangniat Boston-mi.

Imaqmik Munaqhiyut

Imaqmik munaqhiyut Doris TIA-nganit maliguattiaqtuq pitquyauhimayunik ataagut taamna Type A Imaqmut Laisiutinit 2AMDOH1323. Imaqmik munaqhiyut ihuaqhainiaqtut taapkuninnga Doris-mi TIA-ngat kuvviat kuvviulunit qaanganit nunap ataanilu uyaraghiuqviup halumailruinik imaqnik naamanngittut pitquyauhimayunit anittiniqmut, taapkualu: immat imaukkautivaktut Madrid-mit imautainik tahiragait; puktalaaqtut kuvviit hiqupluqtuivianit katiqhuiniklu (tamangnik havakvingnit); nutqaqtauhiimayullu immat qaanganit Madrid havakviinit. Imaqmik anittilaariamangnik (pitquyauhimayutut talvani Type A Imaqmut Laisiutainik) anialattiyauniaqtut Roberts Kangiqhuanut anialittiviagut. Katiqhuqtauhiimayut kuvviit nunap iluanunngaqtuaniat hiqupluqtaaqhimayullu.

Immat atuqtautaaqhimayut imiqtaqtauvaktut Doris TIA-nganit atuqtaunahuaqpaktut ikighilaarahuaqhugu imiqtaqtait imariktut Doris Tahianit. Imautait (imiinnarialik) Doris Havakvianut imiqtaqtauvangniat huli Windy Tahianit; hanautighait immat imiqtaqtauniaqtut Doris Tahianit. Boston-mi, imiinnarialik imautit hanautighaillu imiqtaqtauvangniat Aimaukattaaluk Tahianit; kuvviit immat, uyaraghiuqvingnillu hiqupluutit imaq, atuqtautqingniaqtut, amiqnaiyaqtauhimayullu kuvviit immat anittitauniaqtut Aimaukattaaluk Tahianut anittivikkut tuqhuakkut. Halummaqtauhimayut imiinnarialik immat Boston-mi anittiyauniaqtut nunainnaqmut.

Kuvviqnik Munaqhiyut

Amiqnaittut kuvviit aviktuqtauniaqtut ikulattiyaulutik ikulattivingmit, iqqakuqtaulutik kuvviqmut, ikulattiyaulutiklu hilainnaqmi. Iqqakuit hannavingnit Madrid-mi aghaluutikkut agyaqtauniaqtut Dorismut ilaliutilugit Doris iqqakuinik hanaqiyauyughat iqqakuqtauyughallu. Nutaaq ikulattivighaq kuvvighaqlu hanayauniaqtut Boston-mi.

Ingilrutighalingmik aulattiaqtumik Boston-mi hiniktaqvighaanit iliqahiutiniaqtut anait kuvvianik imaqniklu halumailrunik halummaqhivingmik. Anittivangniat halummaqtiqhimayunik imaqmik nunainnaqmut talvungaluuniit Aimaukattaaluk Tahianut ahiillu havakviit kuvviinit. Kuvviit katiqhuqhimayut uquqpallut ikulattiyauniaqtut agyaqtaulutikluuniit nunap ataanut kiluanut. Hiniktarviqalaittut Madrid Tununngaani Hivuraanilu havakviinit; qirnariktut qirnalukaqtuqlu kuvviit katitiqtaulutik (katitirutikkut) agyaqtaulutik iqqakuqtauyughat Doris Havakvianit kuvviqnik amirnaiyaqvingmit.

Qulliit, Tutquumaviit, Ahiillu Ikayuutit

Qullituutighait ihariagiut Havaaghaq 2-mut (uyaraghiuqvik, hiqupluqtuivik, havakvingnilu hannaviit) amigaiqnighakkut hanavangniat 85,000 MWh/ukiumit. Tajja Dorismi qulliliqiviat hakugiktut naamayut aulapkaiaami Doris havakvianit. Qulliliqivighamik aullaqtittiniat Madrid Tununngaani (pingahut 1.2 MW qulliliqiviit) Boston-milu (8-nguyut 1.2-MW qulliliqiviit 725-KW tukliqaqhutik qulliliqutimik). Qulliit ihariagiayut Madrid Hivuraanit aulapkaqtitauniat ingniqutikkut (malruk 725-KW ingniqutinik atauhiqlu 350-KW tukliriplugu). Qulliit alruyait atatayut tamangnut havakvingnut taimaa ihuaqtauyut qulliaqtittugit imaalu anurimit aulapkaqtitauyumik ihivriuqhiyut tuklighaallu uququyakkut aulapkaqtitauyunut havakvingmi tamaat.

Uqhughat agyaqtauniaqtut Roberts Kangiqhuani tunmiraanut tutquumalutik qattaquyuit tunngavianit Roberts Kangiqhuani (35 ML), tutquumayaqaqlutiklu talvani Dorismi uquqhait qattaquyungnit (7.5 ML) nutaaniklu uquqhanik tutquumavighanik Madrid Tununngaani (4.5 ML) Boston-milu (4.5 ML). Uqhughanik agyaqtautit aghaluutit uqhughanik agyaqtaqpangniat Roberts Kangiqhuanut ahinullu havakvingnut. Qagaqtautit tutquumaniaqtut puughainit; puughait tajja tutquumayut talvani Doris Havakvianit ahinilu mikitqiyallu tutquumavighait hanayauniaqtut Boston Havakvianit. Amiqnaqtut hunavaluit (avughaniklu) agyaqtaqpangniat, hanaqiyaulutik tutquumalutiklu malighugit pitquyahimayut Agyaqtaqtut Amiqnaqtunik Maligainik; avughait tutquumaviit Doris Havakvianiittut. Amiqnaqtut kuvviit ahivaqtitauniat havakvingnit angiqtauyughat iqqakuqtautinnagit.

Kapihiliktuumi Havaaghat itiqtarviqattianngittut inuilrugami. Tamangnik inuit itiqtaqtut aniaqattaqtullu havakvingnik paqitauvaktut angiqtauvaghutiklu ighuraqtinnagit tingmiaqmut, ilittuqhitiyauniaqhutik havakviup maligaliuqhimayainik havauhighainiklu. Imiqluktuqalaittut huniqlungniklu havakvingnit. Havaktiit ayuiqhaqtitauniat ilittuqhiniqmik kiuhiniqumullu ikulayunik, anittiniqumullu havauhiqnik irininaqtuqaqqat aulapkaqtitauniat. Irininaqtunik annaktit ilihaqtitauniat ingilrutiaqlutik hanaqiyaami irininaqtunik.

1.2.6 Avatiliqiniqmut Munaqhiyut

TMAC-kut Avatiliqiniqmut Munautait (EMS) havauhitqiktuq ihuaqtunik aullaqtittiniqmut Avatiliqiniqmut Munautainik (EMP). Naunaitkutanit EMP-nit iliqahiutihimayut qaffinik inuuhiqattiarniqmut-manighiurniqmit munaqtaghat parnaiyautainik nutaannguqtiqtauyughat iharianaqqat. TMAC-kut iniqhiyumattiaqtut avatiliqiniqmut munaqhitjutinik ilitturinnaqhuni tamangnik havakvingnit nanminiqnit. Tamatkiumayumi, EMS taamnaluk ilaayut EMP ilittuqhitiuvaktut TMAC-kunnut munaqtaghainik, qauyihaqtaghainik, naunaiqhitiyaamilu havauhiqnit ihuaqhautainut munattiariami amiqnarahuququqtut ihuaqhaqhugillu inuuhiqattiarniqmut-manighiurniqmit ikayuutit.

Kitutkiaq EMP atuqtauliqtut kitunut havaaghanut hanayunit Kapihiliktuumi Uyaraghiuqvighaanik, TMAC-kullu aallannguqtiqhiyunik naahurinnaittuq parnaiyautainut aulaaqtiillugu Uyaraghiuqvik. Kihimi, parnaiyautait nutaannguqtiqtauniat kiutjutighat aallannguqtiqtanut maligaghaliuqtainut naunaiqhitiqimullu pitquyauhimayunik, aallannguqtaqtumik havakviqahutik, munaqhiyullu naunaitkutanik (taapkuatut ihuaqnighakkut munaqhiyut) ihivriutqaghaniklu Havaaghaq 2-mi NIRB-kut NWB-kullu havauhiigut.

1.2.7 Umiktiqvighaat Utiqtittiyullu Ilitquhianut

Tamatkiumanuaqhugu Kapihiliktuumi Havakviat atuqtauvangniat Hanatillugit Aulapkaqtitailirumiklu Havakvingnik. Kihimi, ayuqnaitpat, nunat ihariagiyauihuqtut Havakvingnit havaaghainut kayumiittukkut utiqtitauvangniat.

Havaaghaq 2-mi Umiktiqvighaat Utiqtittiyullu Ilitquhianut parnaiyaqtauhimayug ilittuqhitiupluni pingahunik umiktiriniqmut atuqtaulaanik:

- Hivikittumik-umiktittilaqtut uyaraghiuqvingmik havaaghat nutqaqtitauhimagumik ikiniqhamik atauhiqmit (1) ukiumik. Havaaghat Munaqtauniaqtughat, taapkualu ingilrutait hannaviillu aulapkaqtitauvaktut havakviinnarialaqluni, atuqhutiklu ihuaqtunik avatinut ihuilutinut ihuaqhautighainik.
- Hivituyumik-umiktittihimagumik uyaraghiuqvingmik havaaghat nutqaqtitauhimagumik (Munaqtauhimagumik) avatquttugu atauhiq (1) ukiuq (taapkuatut manighiupallaanngitkumik). Taimainniqqat, TMAC-kut havakviinik amiqnaittumik munaqtitauniarait; tamangnik hannaviit ingilrutillu ingilralaaliqihuiqtauvaktut ukiumullu parnaiyaqtauplutik, amiqnaqtullu kuvviit qagaqtautillu ahivaqtitauvaktut havakvingnit. Ihariagiyauihuqtut havaktiit (avatiliqiyillu havaktiit) havakvingnik amiqhivangniat munaqhivangniillu. Hivituyumik Munaqhitjutinik Parnaiyautinik tunihiyughat, aullaqtittilutik uyaraghiuqvingnik aallannguqtuqaqqat.
- Uyaraghiuqvingnik umiktiriniqqata umiktitauhimayughaq uyaraghiuqvik utiqtittilutik nunanik ilitquhianut titiraqhimayutut Havaaghaq 2-mi Uyaraghiuqvingnik Umiktiriyut Utiqtiriyullu Ilitquhianut Parnaiyautainit. Iliqahiutihimayut ahivaiyut ikluqpangnik hannaviliuqhimayullu. Doris-mi Boston-milu kuvviit parnaiyaqtauniaqtut umiktauyaami, utiqtiriyut munaqhiyullu havauhiit atuqlutik taimaa avatinut amiqnaittaami. Boston-mi milviat taamnaluk Madrid-Boston-lu apqutaat aulalaittuq qiqumayutuqanik amirnaiyautighaat, kihimi taapkua takunnaqtut naunaitkutat (taapkuatut napaaqtulgit naunaitkutat) imaqmiklu munaqhiyut tunngavighait (taapkuatut qurluqviit, tuqhutjat, tunmirailu) ahivaqtauniat.

Havakvingnik umiktittinahuat kingulliqaami utiqtittinahuaqhugu Havakviup havakvigaluangit ilitquhianut ihuaqtukkut, ayuqnaitpallu, nauyumik uumayuqarniqmiklu atauttikkuuqtut inuuhiqattiarniqmut inuillu hulilukaaqviit. TMAC-kut umiktiriniqmut havauhiigut, inirumayainut naunaitkutighallu titiraqtauhimayut hapkua inirumayainut hivunighami atuqtittiyaami nunanik

hivikinaarahuaqpaga it ihuaqtukkullu ayuqnaitpat. Umiktaaqhimayunit munaqhivangniat havakvingnit ihuariyaukpat umiktitauyut utiqittigumiklu ilitquhiinut atannguyanit tamangnitlu ilaayunit.

1.3 UNNIQTUIYUT KATIMAPKAIYULLU

Inungnik Unniqtuiyut Katimapkaiyullu

TMAC -kut ilittuqhitiyumainnaqtut inungnik katimaqatigiylumainnaqhugillu. Inungnik naunaiqhitiyut tuhaqviuyullu iniqtauhimayut Havaaghaq 2-mut qaffiuyukkut, nunallaaqmiuniklu katimapkaiplutik atauhiutiplutiklu katimaqatigivaghugit haamlatkut, KIA-kut NTI-kullu, ahiillu katimaqatigiit, anngutighakkullu katimaqatigihimayait iniqnirit nunallaaqmiut niqighaqhiuqtillu. Ilttuqhitiqhat inungnut titiraqhimayut ayuqnaittukkut, uqauhikkut ayuqnaittukkut hailiyauhimayut numiktiqtauhiaplutik Inuktitut Inuinnaqtullu. Havaaghaq 2-kut katimapkaiyughat uplumimut, Qitiqmiut inuit qauhimayatuqainik ilittuqhitiyaktut apiqhuutiniklu ihumaaluutiniklu ilittuqhitiyutiplutiklu Havaaghaq 2 mighaagut.

Kavamallu Katimaqatigivagait

TMAC-kut kavamallu katimaqatiginahuaqpaga it ihumagilluaqhugit nutaat katimaqatigiit ilittuqhitiyumaplugit ilitturinnaqtunik naunaitkutanik Havaaghaq 2 mighaagut. Havakvighait iniqtauhimayullu tuhaqtitaunginnaqtut ihivriuhiyunit taimaa ihuaqtukkut parnaiyaiyaami havaaghainik naamayumiklu parnaihimayaami ilaayunut avatiliqiyunut havaktunut. Tamangnik Havaaghanut-titiraqhimayut kavamatkut havakviinut aajjikkutaliuqpaktut tuniyauplutik NIRB-kunnut taimaa ilitturinnaqniat inungnut.

September 2016-mi, TMAC-kut ilauquihimayut kivgaqtinik KIA-kunnit kavamatuqanillu aviktuqhimayumilu ihivriuhiyunit pulaaquplugit Kapihiliktuumi Havakviinik (taapkualu taja ikluqpautainik Havaaghaq 2-milu havakvingnik).

Iltquhiit Qauhimayatuqait

Iltquhiit Qauhimayatuqait (TK) uqauhiuyut ilittuqhitiyaktut tighiniqmik qauhimayatuqanik Inungnit qauhimattiaramik nunanik anngutighaniklu, Nunaquyam pitquhiit, qanuqlu naatkutigiiktitaami ihumaaluutainniq inuuhiqattiarniqlu. TK-nik qauyihaiyut ilittuqhitiyaktut qauhiyautiliuqtunut ilitturiniqmiklu ingilratjuhiinik anguniaqtut, niqighaqhiuqtut, iqalughiuqtut, nayugainut, aullaqaqtunullu nunainnaqmi. Iltturinnaqtuniklu naunaiqhitiyaktut nunallaaqni nautjuhiinik, inuuhiqattiarniqmut-manighiurniqmit pitquhiinik hannavingniklu, aniqniqattiarniq, ihuaqnighakkut, ahinullu ihumaaluutaayunut.

TMAC-kut ihumagihimayait TK Havaaghaq 2-mi Havaaghanik hannaiplutik, qauyihaqhimayunit qauyihautiniklu Anniriyauyunit Nunanit (VEC) taapkualu Anniriyauyut Inuuhiqattiarniqmut-Manighiurniqmit Avighimaniit (VSEC), titiraqhutiklu ihuaqhautighanik munaqtillu parnaiyautainik. Qauhimayatuqanik TK-nik katitirihimayut Havaaghanut talvanngat Naonaiyaotit Iltquhiqnik Qauhimayatuqanik (NTKP) naunaitkutainut. NTKP tunngaviuyut titiraqhimayunit nunanullu naunaitkutaqaqhuni Inuit Qauhimayatuqaitut uataaniqpiani Qitiqmiut. Havaaghaq inuutlimiinnahugiyaungmat Inungnit, ilitturinnaqtutut amihunit katimavilgit ingilraviquahutiklu ilittuqhitiyaktut RSA-nit. Amigainnamiqaaq nunamiutat, imaringmiutat, taryumiutallu anngutighat naniyauhimayuktut talvani aviktuqhimayumi niqighaqtauvaghutik Inungnit.

Naunaiqhimagiyughaq, TK (ahiillu timiit Inuit Qauhimayatuqainut ilihimagiyuyut taimaa *Inuit Qaujimaqatigigait*, imaaluuniit IQ) naunaiqhitiyaktut anngutighat qauyihautainik hivulliqnik taja ingilratjuhiinik anngutighat ihuaqhautighait kuinginnautaulaqtuniklu ingilraviiinut anngutit. Hapkaa

ihumagilluaqhugit katimapkaihimayut iliaqtittiplugit nunallaaqmiut unipkaaqhugillu ahiit Havaaghanit ikluqpaghaliuqviit taapkuatut aqputighat hanayaulaaqtut aulapkaqtitaulaaqhutik qanukiaq amirnaittukkut anngutighanut.

1.4 AVTIKHANUT ILITTURVIKHAAT

1.4.1 Nunaum Ilitturvikhaat

Hamna hilaum mikhaagut iluani Kapihiliktuum Havaangit nuna kigliqaqtunit. Mikiyumik hilaluktumi nuvuyani, niklaumaningillu qiqumainnaqhunilu ukiuraalungmi, aktuunivakhunilu qaangiutivagaat 20 nit arvaliqpakhuni naittumik ikaarningit auyami. Auyami qauyainnaramik, taarniq, taaqhivyakhunilu, qaayurnaqpiaqhunilu ukiumi.

Inuit ilittuqhimayangit aallannguqpallialirami hilaum uunnarningit ingilravingit (unipkaaliqtauvakhuni uvani Naonaiyaotit Inuit Qauyimayangit Havaangit unipkaarutaanit), tautukhimavagaallu ikayuutauvagaat pitquhituqangit hilaun aallannguqtirningagut naunaiyaqhimayait kititiqhimavagaat qangaraalunnguqtumi. Kangiqhivlugillu atuliqtauyumi ukpiriyauhimayut puqtuhivallialirami niklaumaningit hilaluktumi nuvuyangit, taimaa aktuunilaaqtangit nunaup puvitquumanngit aputillu hilingningit.

Anurium qanurilinganingit iluani Kapihiliktuum Havaangit nunaani ahinilu humiliqaak iluani Nunavunmi naammagiyaavagaat, itquqhimavagaat ikittumik qaffiuningit anurium hulamaittuni inugiangnirmut amihuuningit. Hilataani Kapihiliktuum Havaangit nunaani, anurium puyut anianiit atuqtauvangmangaat uqhuryuaqtuqtunut uunaqutikhanut, akhaluutinit, sikiituuniglu, nunakkuurutingillu qayainillu. Kuingingurningit ikittuugaluit.

Una llangani 2 Havaangit nayugaat uvani Kaniitian Nunangani, angiyaaqtumi nunaqanirmi ittuni utuqaryualingnit ukualingmik uyaraat haliqhimayaayut hirmik auktuyuittumik. Qakihimayut qaiqtumi uyaringnit ittut. Hiuralingnit hiamihimayut hamangit hirmik auktuyuittumi kuukkaillu kititiqtauvaktut takiyaaqtumik, piringayut quglungniit ilitturviuvaktut qimiaryuit. llangani 2 iluani huli nunaup puvitquumannga nunaani uataanit Nunavunmi, nunaup auqattarninga marlungit uyaraillu qiqumainnaqhutik ukiuraalungmi.

1.4.2 Nunaup Iitquhiita Ilitturvikhaat

Hamna uyaraat uyaringnit, imait imnaillu takukhauyuittuni nunami, napaaqtuillu auyami atungauyait amigaitpaktut unalu hilingningit maniraat haffumani llangani 2 Havaangit nunaani. Napaaqtuit naittuugaluit mikiyut avaalaqiat, hungayaaqtut nauttiat, iviillu qirnariktut qakuqtait avaalaqiat takukhauvaktut maniraani. Iviit kiniupayuillu takukhauvaktut naittumi kiniupanirmi maniraanit. Avatquttumik 870 nit atungauyait angikliktiqaktut ilunai llangani 2 Havaangit nunaani, uuminngalu nauviniit aqyuit, tingauyait, aqayaillu nauhivaktut.

Nunamiuttait niryutit iluanu nunangani ilaliutivagaat ahiarmiuttait tuktut (uumani Dolphin/Union, unalu Beverly amihuaryuit), umingmait, akhait, qalviit, qirnarivyaktut amaruit, uuminngallu niqiqhiuyuktut, imarmiuttait tingmiat, nunamilu ivayuktunut tingmidjait. Tuktut tuktuhiuyuktunullu Inuit ilitquhiutigivagaat, pitquhirivagaat, hulidjutaavaktut, unalu ilaruhiirutaunikkullu ihumagiyaulluaqpagaat Inuinnainut aahiillu Nunavunmiuqatigiit.

Hitamauyut uumayuit aadjikkiinginnit imnarmiuttait ivayuktut niqikhaqhiuyuktunut (kilgaviit, Kilgaviaryuit, Kilgavikpait, qupanuaqpauillu) pingahuit nunami ivayuktut niqikhaqhiuyuktunut (ukpiit, naittumik hiutilgit ukpiit, unalu iharuligyuat tingmiaqpait) nayuliqpagaat nunami iluani. Imarmiuttait

tingmiat uumayuit uvani Ilangani 2 Havaangit nayugaanit ilagiyangit tingmiat, qugyuit, amihuuyut tingmiat, nauyait, imitqutailat, hitamanit ulluut, tatilgaillu.

Tamatkiuayangillu fuatiinnit iqalut naniyauvaktut iluani tattiit, tahirait, kuukkainillu uvani Ilangani 2 Havaangit nayugaanit. Tautungnaqhutik hapkuat iqalunnuit, uuminngalu tahirmiuttait ihuuq, Iqalukpiit, Iqaluit, kanayuit, kapihilit, nataarnait, uugait, aahiillu Iqaluit. Tahapkuat hitauyut uumayuit naniyauvaktut kuukkam taunani kurluaqhimayuq Roberts Bay mut.

Imarmiuttait Iqaluit uumayuit ilagiyangit Uugait, Iqalunnuit, Nataarnait, Kanayuit, Iqalukpiit Uugailu. Nattiit ilaani takukhauqipaktut iluani Roberts Bay mi.

1.4.3 Inuup Ilitturvikhaat

Inuup ikayuutingillu qanurilinganingit Nunavunmi arlingnaqtut iluani Kanatami aallannguqpalliavlunilu qangaraalungmi kinguani 50 ukiunganit. Uvani kinguani 1950 mi uvanilu hivuani 1960 mittauq, amihut inuit nuutpalliavlutik aullaqahimalraarivlutik nunaqatigiiliqhutiktauq nunalingnit. Tahapkuat amiit akikittuuliqhutik katakpalliavlutik taimaa huliungnaiqpiqhutik Inuinnainnut, hamnalu paablilaat piliriakhait hivunigiliqhugillu 1947 mi taimaa ilitturviuvlunilu inungnut parnautikhainit nuutpalliqliqhutik ahinut nunanut. Hivunngani, katimaliraangat Inuit auyami ilaruhiiguuqatigiivlutik, nunaqatigiigutauvlutik katittiraangat inugiakhivakhuni Inuinnait aallatqiit ilaqatigiinngungittunilu.

Ingilravaliqhutik maniliurahuarnikkut ayuqhautauliqpagaallu inuuhirmingnut iluani Inuit pitquhiitigut. Anguniaqtit, hivuliqtuvaaqarivlutik, havalinnaqpaktut, aallatqiiknit havaanit. Ihumagiyaulluarniq ilagivalliavluni humiliqaak kiinauyaq niuvilaagtumik. Nunalingnit, ikayuutininiq aadjigiinngittunilu, iglumiuqatigiit ikayuruiqhimmaaqhutik taimaa. Aulattitiningit inutuqait aallannguqtiqpalliqlihunilu kavamait pivalliqlihutik. Ihuaquuummiqtauvlutik aanniaqtailinikhainnut kavamatkuttauq akiliqtuivaliramik talvangaani nutaqqiuqpallaaliqhunilu.

Kiuvalliqlihutik inuuhirnikkut ikayuutikhangillu qanurilinganingit ‘utuqqauvallaangittutik’ unalu ‘nutaangungittuuvlutiktauq’, kihimi akuvalliavlutik aulapkaivlugillu Inuinnait qimilruqtakhangillu ilitquhiriyangit hamna aallannguqtiqpallaarningit inuuhirmingnit, avatikhaliuqhutik iluani haffumani tukhiutaaqhimaningit Ilangani 2 Havaangit pivalliayakhaat ikayuutikhanlu qanuq aallannguqpalliavlutik inuuhirmingnit maniliurahuarnikkut aallannguqtiqtauhimayut. Qitirmiut nunaliit huli tautuktuuyaqtait akihautingit inuuhirminut havaatikhangillu, havayuittunit puqtuhivallaaramik, ilittuttiaqhimalruunnginnamik, inuuhirminillu aanniaqtailinahuaqpakhutiktauq taimaitpakkamik.

Nunavut tadja qauyihapallaaqtaugamik nunguyuittukkut, qiplariktumik, kuulunit havigainillu, havigayait, agyakhait, pinniqtumik uyaraillu. Iluani Qitirmiut nunangani TMAC’iup Doris uyaraqtarvingat tadja ingilratuanguuyauyuq uyaraqtarviutanguyauvluni, kihimi pingahunit qauyiharluarvigiyauyuq havaariyakhautauyut unalu 14 nit havaariyauyut uyaraqtarviutauyut havaariyauyut.

Nunaqatigiiktunit havaariyauyunillu nunanit atuqtaunikhainnut nunangani. Havaariyauhimayut nunanit atuqtaunikhainnut ikittuuvluni, ilagiyauyut pulaariaqtuqtut angunahuaqtunit, anguniaqtunut amiqhaiyangit, iqalukhiuqtunut angunahuaqtunut, pulaaqtaqtunullu (uumingnatut, pihuuyaqtut, manirarmi qunniariaqtuqtut, hulilukkaaqtunit unalu umiaryuakkut pulaaqtaqtut). Atauhiq manirarmiuttauliqpaktut (pihuuyarnikkut, manirarmi qunniariaqtuqtut, piksaluqtunullu). Anguniaqtut angunahuaqtunullu umingmakhiuliqpaktut, tuktuhiuliqpaktut, amaruqhiuliqpaktut qalvikhiuliqpakhutiktauq. Nunanit atuqtaunikhainut ilagivagaat anguniaqtunut, naniriaqtuqtunut, iqalukhiuqtunut, upinngiivakhutiktauq aullaqtunullu. Anguniaqtut inmikkut atuliqpagaat niqikhaqhiuliqpagaallu avvautiliqhugillu tamainnut nunalingnit.

1.5 HAVAATIGUT ILAUHIMANINGIT UNALU ATULIQTAYUNUT

1.5.1 Ihumagiyauyut Ilanganit

Ihumagiyaulluaqpaat Avatiqatigiingniit Ilanganit (VEct) unalu Ihumagiyauyunit Inungnut-ikayuutikhangit Ilangani (VSEct) ittut, ihumagiyaulluaqtut, tahapkuat ilanganit haffumani ilitquhingit inungnullu avatimiuttait ihumagiyaavagaat qauyihaqtauvlutik, avatiqatigiingmiuttait, maniliuahuarnikkut, inuuhirnikkut, pitquhirnikkut pitquhituqarnikkut ihumagiyaulluaqpaat. Ihumagiyaavaktut ilanganit haffumani Ilangani 2 Havaangit hivunigiyaavakhutik ukunanngat piliriakhait kitunuliqaak katimadjutigiyakhaat, maliguarutingillu ilagiyait, qimilurningit haffumani pitquhiriyangit qauyimanangit, kiudjutikhangillu ilagiyayut iluani NIRB iup EIS maligautainit; atuqtakhait VECt unalu VSEct ihumagiyaavltuik tukiliutamangnit ihumagiyaulluaqtangit ilaliutikhangit uumani Ilangani 2 Havaangit.

Hamna ilitturvikhangit, TMAC naunaiyaqhimayangit tahapkuat VECt, VSEct aahiillu Naunaiyaiviniit haffumani Ilangani 2 Havaangit. Ihumagiyaulluaqtangit ilanganit ilagiyavlutik nunapta anirniqautit ikiariit, nunamiuttait, halumayut imait, imarmiuttait unalu inungnut avatikhangit, titiraqtaaqhimayut ataanit inikhangit.

Nunapta Anirniqautiit Ikiariit Avatimiunit	Nunamiuttait Avatimiunit	Halumayut Imait Avatimiunit	Taryurmiuttait Avatimiunit	Inungnut Avatimiunit
- Hilaluyangningit Hialup Qanurilinganingit - Kuinginningit Hayungningalu	- Nauhimayut - Nunap Ilitquhinginnit - Tuktu - Akhait - Umingmait - Mitqulgit - Niqikhaqhiuyuktut - Imarmiuttait tingmiat - Qulvahiktumik Ilayunit Tingmidjat	- Qulaangani Imaup Amihuuningit - Imaup Amihuuningit - Hiurait Amihuuningit - Iqaluit Nayuqpaktangit - Iqaluit Nunaliingillu - Iqalukpit - Ihuuq - Iqaluit - Hiuyuktut/ Kapihiliit	- Imaup Nakuunginningit - Hiurait Nakuunginningit - Iqalut Nayuqpaktangit - Iqaluit Nunaliingillu - Iqalukpit - Ugait - Nattiit - Taryurmiuttait Tingmiat	- Initurlingit Initurliminiit - Maniliurahuarnikkut Pivallianingit - Nanminilingnit Inikhautingit - Havaanit - Iliharningit Ilihautikhait - Ingilrayunit, Iglukhait Igluqpaqarvikhaliurutikhait Ikayuutikhait - Nunaliit Aanniaqtailinikkut Inuuhitiniit - Havaktunut Apqutikhait Ikayuutikhangillu Aturvikhait - Pitquhiriyangit Hulidjuhiit Qauyimayangillu - Inuit Aanniaqtailinikkut Avatikhanullu Ingattaqhittailinahuarnikku t Ihivriurningit

Hamna titiraqhimaningit ilanganit unalu Tukiliutaani 3-5 nainaaqtauhimayaayut naunaiqhiihimayait haffumani EIS uuminngalu kiuvikhangit uvunga aktuqtaunikhanut atuliuqtauningit haffumani VEC unalu VSEC, tukhiutauhimayut ingattaqhittailidjutikhait amiqhaiyangillu aturvikhait, amiakkungillu atuliquyukhangit, tamainnut uuktuutigiyangit kangiqhiyauhimayangit aktuqtaunianut.

Naunaipkut 3. Naitumik Uqauhiq Hilamik Nunamilu Avatauyut Kiguagut Aktuqniginik

Uqautauyuq	VEC-guyut	Aktuqnirilaaqtait	Ihuaqhautikhait	Kiguagut Aktuqnigit	Qanuraaluq Aktuqniga
	Nipaaqniga Hayuknigalu	- Aktuqniga Inuknik - Aktuqniga Umayunik	- Piqutit ihuaqtunik hupuuktautiaqjavut nipikuukhitjutiniklu; - Atuqlugit qiyuqutit, hiamayariipkutit, nipaaqpalaariipkutit aulagitut ihuaqutit munariyariaqaqata (nipaiqpaalirutikhait) naunaiyagaukpata. - Piqutit munariyautiaqlutik. - Taluuklugit nipaaqpalaagtut iglumiutat. Una pijutauyuq uyaqijjutinik, alruyaqtuutitut igniqutit, uyaqijjutit hunaniklu hanajutit (ila hiquuptirutit) hanaugat - Akyaqviuyut apqutit atugitaagani naunaiyautit, ayuqnaitpat, ugahikpalaagitaagani aulaaqviuyut nipaaqpalaagitaagani	- Aktuqniga Inuknik - Aktuqniga Umayunik	Ihumagiyaugituq (takulugu Nunami Umayunik VEC-guyut)
Nautiat Ajikutaqagitulu nunat qanurinigini	Nautiat	- Ahiunigit Nautiat - Aalaguqnigit Nautiat	- Mikiniqhaulutik inigiyaat igluqpait - Ahiaguuvigilugit ihumaaluknaqtut nunat nautialu takukhauqatagitut Havaaq ihuaqtaqtilugu - Aktuqpalaagilugit nautiat, nunap qiqumaniga nunalu hilataani Havaam inigiyaat - Puyuuqtitivalaagilutik - puyuriipkutit apqutini - Kayumaaqpalaagilutik puyuuqpalaagitaagani apqutit - Akhalutituqviulutik igluqpagaqviki apqutaini uyaraqtaqviuvlu inigiyaat hikumilu apqutini - Nunainaq nugutpaliagitaagani (ila hituaqniga) iniqhimalugu atuliqlugulu hituariipkutikhaq - Utiqtifaaqlugit aturuiqtut kahaktauhimayut nunat ayuqnaitpat - Amirilugit imarikhait kuuktitaagani aturiaqagtut pivagiagani - Ihuaqtut hauhijutit nunam qiqumaniga aulagitaagani	- Ahiunigit Nautiat - Nahuriyaugitut	-

Uqautauyuq	VEC-guyut	Aktuqnirilaaqtait	Ihuaqhautikhat	Kiguagut Aktuqnigit	Qanuraaluq Aktuqniga
	Naunaitut nunat qanurinigut	- Ahiunigit naunaitut nunat qanurinigut - Aalaguqtiqnigit ikitut nunat qanurinigut	- Qaniklitailugit ikitut ahiurlaanuit nunat ikitulu nautiat Havaaq ihuakhaqtautilugu - Aktuqpalaagilugit nautiat, nunap qiqumaniga nunainailu ahiani Havaap inigiyaani - Puyuukpalaqaqtaililugu - immaqtirutinik apqutini atuqlutik - Kayumaaqpalaagilutik puyuuqpalaagitaagani - Akhalutituqviulutik igluqpaqaqviki apqutaini uyaraqtaqviuvlu inigiyaani hukumilu apqutini - Nunainaq nugutpaliagitaagani (ila hituaqniga) iniqhimalugu atuliqlugulu hituariipkutikhaq - Utiqtifaaqlugit aturuiqtut kahaktauhimayut nunat ayuqnaitpat - Amirilugit imariknikhait kuuktitaagani aturiaqaqtut pivagiagani - Ihuaqtut hauhijutit nunam qiqumaniga aulagitaagani	- Ahiunigit ikitut nunat qanurinigut - Nahuriyaugitut	- Ihumagiyaugitug -
Nunami Umayut Nunagiyailu	Dolphin-mi Union-milu (qigiqdami) tuktuut	- Nunaiyaqnigit - Kamahuktitiniq - Ahiaguuqtinigit Aulaniginit - Kamagiinaqniga Havaariyauyuq - Talvanga Tuqujutit - Tikitaqnigit Aguyayulu - Aalaguqnigit Avatayuup - Halumaniganik	- Havaktut qauyimanigit / avatauyumik ilihimayaagani havaaq - Immaqaqtulugu umiaqtuqviuluni aktuqhigitaagani hukumik Dolphin-mi Union-milu tuktuut ataaqtulugit Kiiliniqmit Ahiaqmut - Upalugaiyaqlugu inikhaq aktugitaagani umayuut nunagiyait - Mikiniqhaulutik inigiyaat igluqpait - Puyuukpalaqaqtaililugu - immaqtirutinik apqutini atuqlutik - Munarilugit piqutit nipaaqpalaagitaagani - Naunaiyaulraaqlutik qaraqtitaitinagit qimalatigitaagani tuktuut talvaniiniqata - Kayumaaqpalaagilutik tuluqhigitaagani umayunik. - TMAC-kut agunahuaqnikut pitquhiqagitut tamainit havaktunit atuqtakhainik havaktulugit inigiyaayumi. - Tikuahilutik apqutit haniraani AWR-mi manikhaqtaulaaqtut ikaariaqvikhait umauyut.	- Nunaiyainiq - Kamahuktitiniq	Ihumagiyaugitug

Uqautauyuq	VEC-guyut	Aktuqnirilaaqtait	Iluaqhautikhat	Kiguagut Aktuqnigit	Qanuraaluq Aktuqniga
			• Aputaiyaqpaklutit apqutit. • Hanikaptait qimalatigitaagani tuktuunik 3-hanat miitamik qulvahikniqaqlutik 6-hanat miitamiklu ugahikhimalutik avatiknit ayuqnainiqat. • Tikmijjat mikiniqhamik 610-miitamik qulvahikpaklutik kihiani mitaqtulirumik tikmikhilirumikluniit ayuqnainiqat.		
	Beverly-mi Ahiak-milu tuktuut	• Nunaiyaqnigit • Kamahuktitiniq • Ahiaguuqtinigit Aulaniginit • Tikiqataqnigit Havakvimut • Tuqujutauyuq Talvanga • Tikitaaqnigit Aguyauyulu • Aalaguqnigit Avatauyup Halumaniganik	• Havaktut qauyimanigit / avatauyumik ilihimayaagani havaaq • Upalugaiyaqlugu inikhaq aktugitaagani umayuut nunagiyait • Mikiniqhaulutik inigiyait igluqpait • Puyuukpalaaqtaililugu - immaqtirutinik apqutini atuqlutik • Munarilugit piqutit nipaapalaagitaagani • Naunaiyaulraaqlutik qaraqtitaitinagit qimalatigitaagani tuktuut talvaniiniqata • Kayumaaqpalaagilutik tuluqhigitaagani umayunik. TMAC-kut agunahuaqnikut pitquhiqagitut tamainit havaktunit atuqtakhainik havaktilugit inigiyauyumi. • Tikuaqhilutik apqutip haniraani AWR-mi manikhaqtaulaaqtut ikaariaqvikhait umauyut. • Aputaiyaqpaklutit apqutit. • Hanikaptait qimalatigitaagani tuktuunik 3-hanat miitamik qulvahikniqaqlutik 6-hanat miitamiklu ugahikhimalutik avatiknit ayuqnainiqat. • Tikmijjat mikiniqhamik 610-miitamik qulvahikpaklutik kihiani mitaqtulirumik tikmikhilirumikluniit ayuqnainiqat.	• Nunaiyaqnigit • Kamahuktitiniq	Ihumagiyaugituq
	Umikmait	• Nunaiyaqnigit • Kamahuktitiniq • Ahiaguuqtinigit Aulaniginit • Tikiqataqnigit Havakvimut • Tuqujutauyuq Talvanga	• Havaktut qauyimanigit / avatauyumik ilihimayaagani havaaq • Upalugaiyaqlugu inikhaq aktugitaagani umayuut nunagiyait • Mikiniqhaulutik inigiyait igluqpait • Puyuukpalaaqtaililugu - immaqtirutinik apqutini atuqlutik	• Nunaiyaqnigit • Kamahuktitiniq	Ihumagiyaugituq

Uqautauyuq	VEC-guyut	Aktuqnirilaagtait	Ihualhauhtikhat	Kiguagut Aktuqnigut	Qanuraaluq Aktuqniga
		• Tikitaaqnigut Aguyauyulu • Aalaguqnigut Avatauyup Halumaniganik	• Munarilugit piqutit nipaapalaagitaagani • Naunaiyaulraaqlutik qaraqtitaitinagit qimalatigitaagani umikmait talvaniiniqata • Kayumaaqpalaagilutik tuluqhigitaagani umayunik. • TMAC-kut agunahuaqnikut pitquhiqagitut tamainit havaktunit atuqtakhainik havaktiugit inigiyauyumi. • Tikuaqhilutik apqutip haniraani AWR-mi manikhaqtaulaagtut ikaariaqvikhait umauyut. • Aputaiyaqpaklutit apqutit. • Hanikaptait qimalatigitaagani umikmaknik 3-hanat miitamik qulvahikniqaqlutik 6-hanat miitamiklu ugahikhimlutik avatiknit ayuqnainiqat. • Tikmijat mikiniqhamik 610-miitamik qulvahikpaklutik kihiani mitaqtulirumik tikmikhalirumikluniit ayuqnainiqat.		
	Akhait	• Nunaiyaqnigut • Kamahuktitiniq • Ahiaguuqtinigit Aulaniginit • Tikiqataqnigut Havakvimut • Tuqujutauyuq Talvanga • Tikitaaqnigut Aguyauyulu • Aalaguqnigut Avatauyup Halumaniganik	• Havaktut qauyimanigut / avatauyumik ilihimayaagani havaaq • Upalugaiyaqlugu inikhaq aktugitaagani umayuut nunagiyaat • Mikiniqhaulutik inigiyaat igluqpait • Puyuukpalaagtaililugu - immaqtirutinik apqutini atuqlutik • Munarilugit piqutit nipaapalaagitaagani • Naunaiyaulraaqlutik qaraqtitaitinagit qimalatigitaagani Akhait talvaniiniqata • Kayumaaqpalaagilutik tuluqhigitaagani umayunik. • TMAC-kut agunahuaqnikut pitquhiqagitut tamainit havaktunit atuqtakhainik havaktiugit inigiyauyumi. • Tikuaqhilutik apqutip haniraani AWR-mi manikhaqtaulaagtut ikaariaqvikhait umauyut. • Aputaiyaqpaklutit apqutit. • Hanikaptait qimalatigitaagani akhait 3-hanat miitamik qulvahikniqaqlutik 6-hanat miitamiklu ugahikhimlutik avatiknit ayuqnainiqat. • Tikmijat mikiniqhamik 610-miitamik qulvahikpaklutik kihiani mitaqtulirumik	• Nunaiyaqnigut • Havakviuyumugaunigit	Ihumagiyaugituq

Uqautauyuq	VEC-guyut	Aktuqnirilaaqtait	Ihuaqhautikhat	Kiguagut Aktuqnigit	Qanuraaluq Aktuqniga
			tikmikhilirumikluniit ayuqnainiqat. • Iqagut munarinigit, igluqpaqaqviki halumanigit havaktulu ilihagnigit upaqataqviulaituq Havakviuyuq akhaqnit.		
	Mitquliit (Kalviit)	• Nunaiyaqnigit • Kamahuktitiniq • Ahiaguuqtinigit Aulaniginit • Tikiqataqnigit Havakvimut • Tuqujutauyuq Talvanga • Tikitaqnigit Aguyauyulu • Aalaguqnigit Avatauyuup Halumaniganik	• Havaktut qauyimanigit / avatauyumik ilihimayaagani havaaq • Upalugaiyaqlugu inikhaq aktugitaagani umayuut nunagiyaait • Mikiniqhaulutik inigiyaait igluqpait • Puyuukpalaaqtaililugu - immaqtitrutinik apqutini atuqlutik • Munarilugit piqutit nipaapalaagitaagani • Kayumaaqpalaagilutik tuluqhigitaagani umayunik. • TMAC-kut agunahuaqnikut pitquhiqagitut tamainit havaktunit atuqtakhainik havaktulugit inigiyaayumi. • Tikuaqhilutik apqutit haniraani AWR-mi manikhaqtaulaaqutut ikaariaqvikhait umauyut. • Aputaiyaqpaklutit apqutit. • Hanikaptait qimalatigitaagani mitquliknik 3-hanat miitamik qulvahikniqaqlutik 6-hanat miitamiklu ugahikhimlutik avatiknit ayuqnainiqat. • Tikmijat mikiniqhamik 610-miitamik qulvahikpaklu-tik kihiani mitaqtulirumik tikmikhilirumikluniit ayuqnainiqat. Iqagut munarinigit, igluqpaqaqviki halumanigit havaktulu ilihagnigit upaqataqviulaituq Havakviuyuq Mitquliknit	• Nunaiyaqnigit • Havakviuyumugaunigit	Ihumagiyaugituq
	Tikmijat niqainaqtuqpaktut	• Nunaiyaqnigit • Kamahuktitiniq • Tikiqataqnigit Havakvimut • Tuqujutauyuq Talvanga • Aalaguqnigit Avatauyuup Halumaniganik	• Havaktut qauyimanigit / avatauyumik ilihimayaagani havaaq • Mikiniqhaulutik inigiyaait igluqpait • Ilagaqtiriyut hanayulu amiqnaqtuni nunani ivaviini tikmijat niqainaqtuqtut ihumaluknaqtilugu (ivatilugit) ilaqaqluni uvlunik naunaiyailutik amiqnaqtilugu; • Qaniklitaililugit qauyimayauyut uvluit ivaviiluniit nunat, ayuqnaitpat	• Nunaiyaqnigit • Kamahuktitiniq	Ihumagiyaugituq

Uqautauyuq	VEC-guyut	Aktuqnirilaagtait	Ihuaqhautikhath	Kiguagut Aktuqnigit	Qanuraaluq Aktuqniga
	Hinirayuktut hurajat	- Nunaiyaqnigit - Kamahuktitiniq - Tikiqataqnigit Havakvimut - Tuqujutauyuq Talvanga - Tikitaqnigit Aguyauyulu - Aalaguqnigit Avatauyuup Halumaniganik	- Havaktut qauyimanigit / avatauyumik ilihimayaagani havaaq - Mikiniqhaulutik inigiyaait igluqpait - Nunanik ilagaqtiqtaunigit ahiani ivaviuyut hinirayuktut hurajat nunainik hanalimagit-pata ahiani pitquhiuyut angunahuaqtuqagitaagani igluqpaqaqviki, iqagitaagani, niqhiugitaaganilu umayut; - Kayumiktilaqaqlutik,umayut apqutimik atuqluaqpagiagani, immaqtiqpaklugit apqutit puyuuqpalaagitaagani; - Qaniklitaililugit nunat amihunit niriniaqviuvaktut ihaviuyulu hurajanit - Qanikligaililugit qauyimayauyut uvluqaqviit ivaviyuluniit nunat	- Nunaiyaqnigit - Kamahuktitiniq	Ihumagiyaugituq
	Manirainaqmi hurajat	- Nunaiyaqnigit - Kamahuktitiniq - Tikiqataqnigit Havakvimut - Tuqujutauyuq Talvanga - Tikitaqnigit Aguyauyulu - Aalaguqnigit Avatauyuup Halumaniganik	- Havaktut qauyimanigit / avatauyumik ilihimayaagani havaaq - Mikiniqhaulutik inigiyaait igluqpait - Nunanik ilagaqtiqtaunigit ahiani ivatilugit manirainaqmi hurajat ilituqhailutikluniit ilagaqtiqtaunigit manirainaqmi hurajat hanalimagitpata ahiani ivatilugit. - Iqaguuqviit piqutit Havaamilu igluqpait umayunit pilaiyagauvaktutik - Pitquhiuyut anagunahuaqtuqagitaagani igluqpaqaqvimi, iqagitaagani, niqhiugitaaganilu umayut; - Kayumiktilaqaqlutik,umayut apqutimik atuqluaqpagiagani, immaqtiqpaklugit apqutit puyuuqpalaagitaagani; - Qanikligaililugit qauyimayauyut uvluqaqviit ivaviyuluniit nunat	- Nunaiyaqnigit - Kamahuktitiniq	Ihumagiyaugituq

Naunaipkut 4. Naitumik Uqauhiq Immiqtaakhanik Takyuvlu Kiguagut Aktuqnigut

Uqautauyuq	VEC-guyut	Aktuqnirilaaqtait	Ihuaqhautikhat	Kiguagut Aktuqnigut	Qanuraalug Aktuqniga
Nunap Qagani immaqaniga	Nunap Qagani immaqaniga qanuraaluk	- Ahiaguuqtitaunigit Kuuktut Kapihiliktuumi Immaqanigini - Ahiaguuqtitaunigit Kuuktut Windy-mi Immaqanigini - Ahiaguuqtitaunigit Kuuktut Aimaukataalukmi Immaqanigani	- Atuqlugit taja piqutauyut, mikiniqhauyaagani inigiyauyuq aktuqtauyuqlu immaq - Halumaqhiqlugu atufaaqlugulu aktuqtauyuq immaq - Maliklugit piyunaunmi qanurinhait immiqtariagani - Aktuqtauyunik immaqnik katitiriviuyuq ihuaqhaqhimayumik immaqkutihikpat - Ilaliutilugit hilaap aalaguqpalianigani qanuriniginin - kuuktut - Atuqlugit hituariipkutit nunanik munarijutinik - Maliklugit aturiaqaqtut kuukviuyut tuuqhuat munariniginik immakniklu havauhiqni - Amirilugit tahirat TIA-lu - Atuqlugit nunap iluani imauyut atuqpalaagitaagani immiktaanik	- Ahiaguuqtinigit Doris-mi kuuknigit - Ahiaguuqtinigit Windy-mi kuuknigit - Ahiaguuqtinigit Aimaukatakmi kuuknigit	Ihumagiyaugituq
Immiqtaakhat Immariknigit	Nunap qagani immarikniga	- Igluqpaqaqvikhaq Ihuaqhaqniganik, Hanajutinik, Agiptirutiniklu - Igluqpaqaqvikmi Uyaraktaqvikmilu Aktugauyut Immavalluit - Immaq Atuqniganik - Uyaraktaqviit Kaivitutiklu Atpaqpaliavlutik Uyaraqtaqviit - Qaraqtautit - Uqhukhat, Uqhuilu, PAH-lu - Halumaqtitauyut Aanakuut Kuuktinigit - Hiuraqaqniga Hilap	- Atuqlugit taja piqutauyut Doris-mi Havaami mikiniqhauyaagani inigiyauyuq Havaami 2 piqutini - Napaqtirilutik qaiqtuni atuqlutiklu ihuaqtunik uyaqanik apqutini, tungavikhani, napaktigakhanilu - Atutqiqaqlugit inigiyauyumi uyaraktaqvikmilu immaq - Atuqlugit Kanatami Ukiuqtaqtumilu atuqnigit puyuuqniginik, immaliqijutinik havaat, qaraqtautit, immakpaliayulu qanuritariaqaqnigit - Maliklugit BMP-mi uqautauyut inigiyauyuq munarini-gagut upalugaiyautini, Havaamilu 2 Immavalluit Aktuqniginik Munarijutinut Upalugauyaut (AEMP) - Halumaqtiqlugit annakuut uyaraktaqvikmilu immaq ihuaqtumik kuuktilugulu maniqamut imaqaniginulu-niit aturiaqaqat maliruanit piyunauninilu - Atuqlugit huiqanik hituariipkutit mikhiyaagani nunami kuuktut kuuktilugulu munariviuyunut piqutinut - Tuutquqlugit uqhukhat uqhuvaluilu puuqatiaqlutik ihuaqtumik kikkimaktirijutiaqlutik kuvyuqaqat - Qaguguraagat ihivriupaklugit munarijutit napagau-	- Igluqpaqaqvikhaq Ihuaqhaqniganik, Hanajutinik, Agiptirutiniklu - Igluqpaqaqvikmi Uyaraktaqvikmilu Aktugauyut Immavalluit - Qaraqtautit	Ihumagiyaugituq

Uqautauyuq	VEC-guyut	Aktuqnirilaaqtait	Ihuaqhautikhat	Kiguagut Aktuqnigit	Qanuraaluq Aktuqniga
			yut maliklugilu inigiyauyumi ihivriunigagut upalugaiyautit atuquyaayunik Immaknik Aturiagani Laisiuyumi.		
Immiqtaaqvikhat Natqani Hiuraqatiaqniga	Hiuraqatiaqniga	- Igluqpaqaqvikhaq Ihuaqhaqniganik, Hanajutinik, Agiptirutiniklu - Igluqpaqaqvikmi Uyaraktaqvikmilu Aktugauyut Immavalluit - Uyaraktaqviit Kaivitutiklu Atpaqpaliavlutik Uyaraqtaqviit - Qaraqtautit - Uqhukhat, Uqhuilu, PAH-lu - Halumaqtitauyut Aanakuut Kuuktinigit - Hiuraqaqniga Hilap	Ajikutaa Immiqtaaqvikhat Halumaniginik	- Igluqpaqaqvikhaq Ihuaqhaqniganik, Hanajutinik, Agiptirutiniklu - Igluqpaqaqvikmi Uyaraktaqvikmilu Aktugauyut Immavalluit	Ihumagiyaugitug
Immiqtaaqvikhani Iqaluit	Iqaluit nunagiyait	Nunaiyaqnigit aalaguqniginikluniit	- DFO-kut Munarijuhiit Aanigitaagani Iqaluit, Nunagiyailu - Huliviyariaqaginigit Hunauliraagat - Munarijutinut upalugaiyautit Avatauyumiklu Munarijutinut Upalugaiyaut - Piqutit iniqariagani qanikligitaagani iqaluqaqnigit nunat ayuqnaitkagat - Piqutit ihuaqhaqlugit mikiniqhauyaagani inigiyauyuq qanikligitaaganilu atuqniqatiaqtut imavalluit iqaluqaqnigit - Ihuaqhaqlugit iqaariarutit Iqaluit kitpaginariagani immaqnik ikaaqqiuvaktut ukiuraaluk apqutini - Immiqtaqatagitaagani atufaaqataqlugit imavalluit, nunam iluanit immaqapalaagitaagani, utiqtilugilu maligutauyut attakut immiqtaqviuyunut - Himauhiqlugu aturiaqaqat agiqtauhimakmalu DFO-kunit	Nahuriyaugitut	-

Uqautauyuq	VEC-guyut	Aktuqnirilaagtait	Ihuaqhautikhat	Kiguagut Aktuqnigit	Qanuraaluq Aktuqniga
		Aalaguqnigit immiktaak-hat immariknigit natqanilu halumanigit	Takulugu Immiqtaakhat Immariknigit Natqanilu Qanurinigut Immiqtaaqvikhani.	Nahuriyaugitut	-
	Iqaluqaqnigit: Hulukpaugat	Tuqujutauyuq Talvanga Amigainigilu	- DFO-kut ihuaqhautiat aanigitaagani Iqaluit nunagiyailu - Aturiaqaginirit Hulijutinik Hunautilugu - Itiriipkuhiqlugit tuqhuat hiluviit kuuktilvilu Iqaluit iluagugitaagani - Nipaaqniginik hayukniginiklu maligauyut qaraqtitaikpata hulijutinik	Nahuriyaugitut	-
		Aalaguqnigit immiktaak-hat immariknigit natqanilu halumanigit	Takulugu Immiqtaakhat Immariknigit Hiuraqatiaqnigilu	Nahuriyaugitut	-
	Iqaluqaqnigit: Ihhuut	Tuqujutauyuq Talvanga Amigainigilu	- DFO-kut ihuaqhautiat aanigitaagani Iqaluit nunagiyailu - Aturiaqaginirit Hulijutinik Hunautilugu - Itiriipkuhiqlugit tuqhuat hiluviit kuuktilvilu Iqaluit iluagugitaagani - Nipaaqniginik hayukniginiklu maligauyut qaraqtitaikpata hulijutinik	Nahuriyaugitut	-
		Aalaguqnigit immiktaak-hat immariknigit natqanilu halumanigit	Takulugu Immiqtaakhat Immariknigit Hiuraqatiaqnigilu	Nahuriyaugitut	-
	Iqaluqaqnigit: Iqalukpiit (tahiqliut)	Tuqujutauyuq Talvanga Amigainigilu	- DFO-kut ihuaqhautiat aanigitaagani Iqaluit nunagiyailu - Aturiaqaginirit Hulijutinik Hunautilugu - Itiriipkuhiqlugit tuqhuat hiluviit kuuktilvilu Iqaluit iluagugitaagani - Nipaaqniginik hayukniginiklu maligauyut qaraqtitaikpata hulijutinik	Nahuriyaugitut	-
		Aalaguqnigit immiktaak-hat immariknigit natqanilu halumanigit	Takulugu Immiqtaakhat Immariknigit Hiuraqatiaqnigilu	Nahuriyaugitut	-

Uqautauyuq	VEC-guyut	Aktuqnirilaqaqtait	Ihuaqhautikhat	Kiguagut Aktuqnigit	Qanuraaluq Aktuqniga
	Iqaluqaqnigit: Kapihiliit (tahiqliut)	- Tuqujtauyyuq Talvanga Amigainigilu - Aalaguqnigit immiktaak-hat immariknigit natqanilu halumanigit	- DFO-kut ihuaqhautiat aanigitaagani Iqaluit nunagiayilu - Aturiaqaginirit Hulijutinik Hunautilugu - Itiriipkuhiqlugit tuqhuat hiluviit kuuktilvilu Iqaluit iluagugitaagani - Nipaaqniginik hayukniginiklu maligaayut qaraqtitaikpata hulijutinik - Takulugu Immiqtaakhat Immariknigit Hiuraqatiaqnigilu	Nahuriyaugitut Nahuriyaugitut	- -
Taqquup Imarikniga	Taqquup imarikniga	- Umiaqtuqvik - Igluqpaqaqvikhaq Ihuaqhaqniganik, Hanajutinik, Aqiptirutiniklu - Igluqpaqaqvikmit Aktugayut Immavallut - Uqhukhat, Uqhuilu, PAH-lu - Kuuktitiniq - Hiuraqaqniga Hilap	- Atuqlugit taja piqutaayut Doris-mi Havaami mikiniqhauyaagani inigiyaayut Havaami 2 piqtini - Napaqtirilutik qaiqtuni atuqlutiklu ihuaqtunik uyaqanik apqtuni, tungavikhani, napaktigakhanilu - Kuuktilugit TIA-mit Roberts Bay-mut auyautilugu ihuaqniqat kihiani - Kuuktilugit qaliyut TIA-mit nunamilu imavallut Roberts Bay-mut - Atuqlugit Kanatami Ukiuqtaqtumilu atuqnigit puyuuqniginik, immaliqijutinik havaat, qaraqtitaqtit, immakpaliayulu qanuritariaqaqnigit - Maliklugit BMP-kut uqauhiit igluqpaqaqvuyut munarinigagut upalugaiyautit - Atuqlugit hiuqanik hituariipkutini mikhiyaagani nunami kuuktut kuuktilugilu munarivuyunut piqtinut - Atuqlutik hiuqariipkutini ihuaqtuni huiqtitigitaagani immaliqijutinik havaani - Amirilugit taqyumi avatauyut Havavallut Uyaraktaqtut Atakuinik Maliruanik Avatauyumiklu Aktuqniginik Amirijutinik talvani. - Maliklugit ihuaqtautit, munarijutit, amirijutinik pigiarutit uqautayut Iqaluliginik Agirutaayut piyunautilu. - Tuutquqlugit uqhukhat uqhuvaluilu puuqatiaqlutik ihuaqtumik kiklimaktirijutiaqlutik kuviyuqaqat - Qaguguraagat ihivriunigit munarijutinut napayut.	- Umiaqtuqvik - Igluqpaqaqvikhaq Ihuaqhaqniganik, Hanajutinik, Aqiptirutiniklu - Igluqpaqaqvikmit Aktugayut Immavallut - Kuuktitiniq	Ihumagiyaugitug

Uqautauyuq	VEC-guyut	Aktuqnirilaqaqtait	Ihuaqhautikhat	Kiguagut Aktuqnigut	Qanuraaluq Aktuqniga
Taqyumi Hiraqatiaqniga	Taqyumi Hiuraqatiaqniga	• Umiaqtuqvik • Igluqpaqaqvikhaq Ihuaqhaqniganik, Hanajutunik, Agiptirutiniklu • Igluqpaqaqvikmit Aktu-gauyut Immavalluit • Uqhukhat, Uqhuilu, PAH-lu • Kuuktitiniq • Hiuraqaqniga Hilap	• Ajikutaa Taqyuup Imarikniganik	• Umiaqtuqvik • Igluqpaqaqvikhaq Ihuaqhaqniganik, Hanajutunik, Agiptirutiniklu	Ihumagiyaugituq
Taqyumi Iqaluit	Iqaluit Nunagiyaait	• Nunaiyaqnigut aalaguqniginikluniit • Aalaguqnigut taqyumi immariknigut natqanilu halumanigut	• DFO-kut ihuaqhautiat aanigitaagani Iqaluit nunagiyailu • Piquit ihuaqhaqnigut mikiniqhauyaagani inigiyauyuq nuna qanikligitaaganilu qayaknaqtut taqyumi Iqaluit nunagiyaat • Aturiaqaginit Huliutitunik Hunautilugu • Munarijutit upalugaiyutit Avatauyumiklu Munarinigagut Upalugaiyut • Ahiaguritit aturiaqaqat agiqtauksalu DFO-kunit • Atuqlugit puplaktuqtut kautauyat tunmirat hanayautilugu • Umijat kayumiiqpaklutik Robert's Bay-mi • Takulugu Taqyumi Imarikniga Hiuraqatiaqnigalu	Nahuriyaugitut Nahuriyaugitut	- -
	Iqaluaqnigut: Iqalukpiit (utiqaqtut igliriyamiknut tatini)	• Tuqujutauyuq Talvanga Amigainigilu • Aalaguqnigut taqyumi immariknigut natqanilu halumanigut	• DFO-kut ihuaqhautiat aanigitaagani Iqaluit nunagiyailu • Qaraqtitaiyut nipaaqniginiklu naunaipkutit ilagiyailu amirijutit • Atuqlugit huiqtitiriipkutit immaknik havaani • Igluqpaqaqvikmi munarijutit upalugaiyutit Avatauyumiklu Munarinigagut Upalugaiyut • Takulugu Taqyumi Imarikniga Hiuraqatiaqnigalu	Nahuriyaugitut Nahuriyaugitut	- -

Uqautauyuq	VEC-guyut	Aktuqnirilaaqtait	Ihuaqhautikhat	Kiguagut Aktuqnigit	Qanuraaluq Aktuqniga
	Iqaluqaqnigit: Uukaat	- Tuqujutauyuq Talvanga amigainigilu - Aalaguqnigit taqyumi immariknigit natqanilu halumanigit	- DFO-kut ihuaqhautiat aanigitaagani Iqaluit nunagiyailu - Qaraqtitaiyut nipaaqniginiklu naunaipkutit ilagiyailu amirijutit - Atuqlugit hiuqtitiriipkutit immaknik havaani - Igluqpaqaqviki munarijutinut upalugaiyautit Avatauyumiklu Munarinigagut Upalugaiyaut - Takulugu Taqyumi Imarikniga Hiuraqatiaqnigalu	Nahuriyagitut	-
Taqyumi Umayut	Nattiit	- Nunaiyaqnigit - Kamahuktitiniq - Tuqujutauyuq Talvanga	- Piqutit ihuaqhaqnigit mikiniqhauyaagani inigiyauyuq taqyumi nunagiyauyumi qaniklitalilugilu taqyumi angutikhat hinaniilviit - Auyami umiaqtuqlutik talvatuq (ukiumi umiaqtugilutik) - Taqyumi Angutikhat Qiniqhimaniginut Havaaq 2-hanat miitamik ughahikniqaqlutik - Nuutqaqlutik tungavikhanik kauktlugit taqyumi angutikhat iluaniiliqata aaniqnainigani - Atuqlutik puuplaktuqtunik kautaayanik tungaviliurumik ukunigagutuk kaukyuarutunik ayuqnaitpat - Imikniganik amirijutit tungavikhanik iliuraitilugit nunamut - Iniqhilutik immap iluani nipaaqniginik naunaipkutikhanik tungavikhanik iliurailirumik munarijutikhalu naunaipkutini avatquutpata pigiarutikhat - Iniqhilutik Qayagilutik Pigiarutikhanik tungavinik iliurailirumik - Kayumiknikhait Robert's Bay-mi piqutiqaqviki nattiit nunamiiniqata hinaani - Iqaguut munariyaulutik taqyumut hiamayagitaagani - BMP-kut munarijavut uqhukhanik, aanirutaulaaqtunik hanaugakhanik, upitpaklutiklu kuviiyuqaraagat	Nahuriyagitut Nahuriyagitut Nahuriyagitut	- - -

Uqautauyuq	VEC-guyut	Aktuqnirilaaqtait	Ihuaqhautikhath	Kiguagut Aktuqnigut	Qanuraaluq Aktuqniga
	Taqyumi tikmijat	- Nunaiyaqnigut - Kamahuktitiniq - Tuqujutauyuq Talvanga	- Piqutit ihuaqhaqlugit mikiniqhauyaagani inigiyauyuq taqyumi nunagiyauyumi - Umijat qaniklitailiniaqaat agiyuq taqyumi tikmijat inigiyaanik Prince Leopold-mi Qigigtami 25-kilamitamik ugahiktigilutik, umiaq naamakniaqniqat - Umijat qaniklitailiniaqut tikmijat nunagiyaanik 5-hanat kilamitamik ugahiktigilutik, umiaq naamakniaqniqat - Umijat amiriniaqut amigaitunik taqyumi tikmijanik qaniklitaililugilu, umiaq naamakniaqniqat - Umijat qaniklitailiniaqaat agiyuq taqyumi tikmijat inigiyaanik Prince Leopold-mi Qigigtami 25-kilamitamik ugahiktigilutik, umiaq naamakniaqniqat - Umijat qaniklitailiniaqut tikmijat nunagiyaanik 5-hanat kilamitamik ugahiktigilutik - Milviit amirilugit tikmikhagiaqtnagit mitaqturiaqtnagilu - Kayumiknikhait iniriiqhimaniaqut Havaam apqutaini. - Umayut atuluaqpakniaqut tamainik apqutauyunik - Nakunihqat munarijutit atuqtauniaqut munariyaagani uqhukhat, aanirutaulaaqtut ihuaqutit quviyuqagitaagani, hiamayaktaililugit halumaqtiqlugilu kuviyuqaqniqat taqyumi avatauyumi	Nahuriyaugitut Nahuriyaugitut Nahuriyaugitut	- - -

Naunaipkut 5. Naitumik Uqauhiq Inuit Nunagiyait Kiguani Aktuqniginik

Uqautauyuq	VEC-guyut	Aktuqnirilaagtait	Ihuaqhautikhat	Kiguagut Aktuqnigit	Qanuraalug Aktuqniga
Igilraaqnitaliqijutit	Igilraaqnitanik piqaqtut nunat	• ahiunigit titiraqhimayunik igilraaqnitanik piqaqtut nunat	• Uqatiaqhimayut nunap qaagani piqaqniginik • Ihumagilugit qaniklitaililugit havaaq ihuaqhaqtauliqat • Ihumagilugit munarijutinut atulirumayainik • Qaguguraagat amirilugit naunaitut inigiyaayut • Qauyipkaqnigit maniqami havaktut • Atuliqnigit aulanikut pigiarutininik	• Aktuqniga titiraqhimayut igilraaqnitanik piqaqtut nunat	Ihumagiyaugitug
		• ahiunigit titiraqhimagitunik igilraaqnitanik piqaqtut nunat	• Ilituqhaqtautiaqlutik kahaktaugiaqtinagit • Ilituqhaqlugu TK-nik ahiiniklu naunaipkutininik taimani ilitquhiqmik hivunihijutikhanik • Qiniqhimainaqlugit hivigitumik kahaktauniginik hutilitugit amigaitunik igilraaqnitanik piqutiqaqtut nunat • Qauyipkaqlugit maniqami havaktut • Atuliqnigit aulanikut pigiarutininik	• Aktuqniga titiraqhimagitunik igilraaqnitanik piqaqtut nunat	Ihumagiyaugitug
		• Aktuqniga ilitquhiqmik hivunihijutininik piqaqtut nunat	• Ilituqhaqlugu TK-nik ahiiniklu naunaipkutininik taimani ilitquhiqmik hivunihijutikhanik • Qauyipkaqlugit maniqami havaktut • Ahiruitaililitik katitiriyaagani ilitquhiqmik hivunihijutininik inigiyaayunit qaniklitailiyaami ayuqnaqata • Ilipqamayaunigit katitigaiyut naunaipkutit igilraaqnitaqaqviki	• Qauyivaalirutit ilitquhiqmik hivunihijutininik piqaqtut nunat	Ihumagiyaugitug
Inujutit manikhaqhirutulu	Manikhaqhiurutininik Pivalianiq	• Aalaguqnigit manikhaqhiurutit amigaiqpalianiginik	• Amirilugit ikayuutit Inuit timigiyaainut uqatiaqhimayut nutaami Qanuriniganik Agiqatiriigunmi IIBA-milu pijutit KIA-kulu	Nahuriyaugitug	-
	Manikhaqhiurutikhat Atulaagtut	• Aalaguqnigit nunami manikhaqhiurutit amigaiqpalianiginik	• IIBA-ga pivikhaqhaqluni pivaaliriagani Inuit ilaunigit havaktitauniginik, aturiaqaqnalugu upipkariagani Qitiqmiuni Ayugitug Manikhaqhiurutitagaqtut havaktulu, ilagani qanurituuniginik, Manikhaqhiurutininik Pivalianikut Manikhaqviki • TMAC-kut Kivgaktuqtia ikayuriagani amihuunihagat Qitiqmiuni Ayugitug Manikhaqhiurutitagaqtut havaktitaagani tikuaqhivaklutik manikhaqhiurutitagaqtutunik ilauyumayunik havaakhanik atulaagtamikinik	Nahuriyaugitug	-

Uqautauyuq	VEC-guyut	Aktuqnirilaaqtait	Ihuaqhautikhat	Kiguagut Aktuqnigit	Qanuraaluq Aktuqniga
			- Ikayupaklugit, tuhaqtilugit, hivunihijutikhainiklu pipkapaklugit tuhaqtinariqlugilu katranik havaaqa-laaqtut Qitiqmiuni nunagiyaunyitut uktuutunik pitquhiuyuniklu ukunani - Aturiaqaqniga amirilugilu nunanit ilaayunik upalugaiyautit agiyunik uktuutini havaamik - Pivaklutik aipagutaraagat manikhaqhiarutunik atulaaqtunik nalautarutunik - Qauyipkaqpaklugit havaanik atulaaqtainik Qitiqmiuni Nunami		
	Havaktut	- Aalaguqnigit havaktut atulaaqtainik manikhauhiiniklu - Aalaguqnigit havaktut ayuruiqnigit - Akitaqutauyut nunani havaktunik	- IIBA-mi pivikhaqaqluni aipagutuaraagat Inuit havaktukhat turaaqvikhanik, atuqaaqtilugit nunaqaqtut Qitiqmiuni Inuit havagiami, kiguani nunamiugitut Inuit - ilitquhiqmik qauyiyaagani atuqtilugilu pitiagitunik pitquhiuyunik - qauyipkaqlugit havaakhanik atulaaqtunik Qitiqmiuni nunagiyauyuni - ihuaqhaqlugu atuliqlugulu Havaktukhanik Atulirumayaannik - ihuaqhaqlugu atuliqlugulu Havaktunik Nuuniginut Upalugaiyaunmik Umiktaukpat	- Aalaguqnigit Havaktut Atuqtakhainik manikhauhiiniklu - Akitaqutauyut nunani havaktunik	Ihumagiyaugitug
	Ilihaqnik Ayuiqhaniqlu	- Aalaguqnigit tuukhigauyut ilihaqniqmik ayuiqhajutikhanilu havaanik - Aalaguqnigit ihumagiyaayunik ilihaqniqmik havagiamilu	- IIBA-mi pivikhaqaqluni aipagutuaraagat hivunikhamilu Inuit ayuiqhayukhani turaaqvikhanik, iniqtiqniganiklu munariniganiklu Ayuiqhajutikhanik Ilihautiniklu Manikhaqvikhamik - havaqatigilugit KIA-kut, kavamat, ayuiqhaiyilu timiuyut - pivalianiga Havaktukhanik Atulirumayainik ihuaqhautauyunik ayuiqhajutikhanik ilihautiniklu - Inuhiqmi Havauhikhamik Upalugaiyautikhainik Inuit havaktut - Nunagiyaayumi Hivunihijutikhat Inuhiqmilu Havauhikhamik Qauyiviuyunik Katimaviknik Qitiqmiuni	Nahuriyaugitut	-

Uqautauyuq	VEC-guyut	Aktuqnirilaagtait	Ihuaqhautikhat	Kiguagut Aktuqnigut	Qanuraaluq Aktuqniga
	Nuunigit, Igluliqijutit, Piqutilu, Ikayutilu	- Nuutpaliayut Qitiqmiuni Nunamut - Aalaguqnigut piyumayuayunik iglunik - Aalaguqnigut nunagiyaayumi ikayuutunik	- Amigailutik havaktikhanik pivuyut aularutikhainiklu Inuit havaktut, nunaqaqtut Qitiqmiuni nunagiyaayuni, talvuga talvangalu havaktitaivikmiknit Havaamit inigiyaayumulu - Upipkakhimainaqlugit nunagiyaayut uqautauyunik Nunagiyaayuni Ilauniginik Upalugaiyaunmi	Nahuriyaugitut	-
	Nunagiyaayumi Aniaqtailinikut Inuhiqatiaqniqlu	- Aalaguqnigut ilagiit inutiaqniginik - Aalaguqnigut ilagiit akiliqtuutainik - Aalaguqnigut niqiqhaqatiaqnikmik akituniginiklu inujutit	- IIBA-mi pivikhaqaqluni Havaktuq Ilagiyaainiklu Ikayu-tikhanik Havaamik (EFAP); niqhiuqpaklutik niqai-naqnik inigiyaayumi; atuinaqlugu imigaknaqtunik taagaqniklu pitquhiuyunik ilaqaqtumik “hiuruyali-magitut”; atuqtitilutik inigiyaayumi tuhaumajutik-hanik Inuit havaktut inuqatimiknik ilagiyamikniklu; atuqtitilutiklu niqainaqnik igaviknik ilitquhiqmilu hulijutunik Havakviuyumi ihumaliugainik Atuqpalianigagut - TMAC-kuni Kivgaqtuiyuq tikuaqhiyaagani havaktut uqaujuriagani aturiaqaqat ihuaqnigani; ihuaqhailu-tik atuinaqtumik uqaqtiriigutunik Inuit havaktulu naunairiagani ihariagiyaainik, ihumagiyaainik, ihumaluutainiklu; ikayuqlutiklu tiquaqhiyaagani pivalianiginiklu inuhiqatiaqnikhamut	- Aalaguqnigut ilagiit inutiaqniginik - Aalaguqnigut ilagiit akiliqtuutait	Ihumagiyaugituq
Nunanik Atuqnigagut	Manikhaqhiuqviuyuq Nuna Ihuaqutiniklu Atuqnigagut	- Aalaguqniga atuqniga-nik nuna ihuaqutilu - Aalaguqniga anguna-huatuq aguniginik, angunahuarutuniklu - Aalaguqniga qauhiniginik maniqamiuyunik	- Upalugaiyaqlugu inikhaq aktugitaagani umayuut nunagiyaait - Mikiniqhaulutik inigiyaait igluqpait - Kayumaaqpalaagilutik tuluqhigitaagani umayunik. - TMAC-kut agunahuaqnikut pitquhiqagitut tamainit havaktunit atuqtakhainik havaktulugit inigiyaayumi. - Ahiqpaniilutik nipaaqtut hulijutini qimalatitigitaa-gani ayuqnainiqat - Hanalugit apqutit hanirait kigiktuuginaqlugit ila ikaaqpagiagani ayuqnaitumik inuit umayulu - Atuqpalianiga Inuit Aktuqnigagut Ikayuhianik Agiqatiriigut (IIBA) KIA-kulu, ilaqaqtumik, ahiinit pivikha-qaqniginit, aturiagani Havaami piqutinik apqutiniklu - Pipkaklugit nunanik atuqtut aaniqnaitumik	Nahuriyaugitut	-

Uqautauyuq	VEC-guyut	Aktuqnirilaaqtait	Ihuaqhautikhat	Kiguagut Aktuqnigit	Qanuraaluq Aktuqniga
			ikaaqpagiagani havakviuyut nunat • Iniqhimaniganik Inuit Avatiliqinikut Ihumakhaqhiuqtinik Kamitiuyuq • Atuliqniga Nunagiyauyumiitut Ilauniginik Upalugaiyaut ilaqaqtumik pigiarutinik upipkaijutikhanik nunagiyauyuni ilauyunik.		
	Igilraat Hulijutait Qauyimayailu	• Aalaguqniga atuqniganik nuna ihuaqutilu • Aalaguqniga angunahuatug aguniginik, angunahuarutiniklu • Aalaguqniga qauhiniginik maniqamiyunik	• Upalugaiyaqlugu inikhaq aktugitaagani umayuut nunagiyait • Mikiniqhaututik inigiyaait igluqpait • TMAC-kut agunahuaqnikut pitquhiqagitut tamainit havaktunit atuqtakhainik havaktiugit inigiyauyumi. • Ahiqpaniilutik nipaaqtut hulijutini qimalatitigitaa-gani ayuqnainiqat. • Hanalugit apqutit hanirait kigiktuuginaqlugit ila ikaaqpagiagani ayuqnaitumik inuit umayulu • Atuqpalianiga Inuit Aktuqnigagut Ikayuhianik Agiqatiriigut (IIBA) KIA-kulu, ilaqaqtumik, ahiinit pivikhaqaniginit, aturiagani Havaami piqutinik apqutiniklu • Pipkaklugit nunanik atuqtut aaniqnaitumik ikaaqpagiagani havakviuyut nunat Iniqhimaniganik Inuit Avatiliqinikut Ihumakhaqhiuqtinik Kamitiuyuq • Atuliqniga Nunagiyauyumiitut Ilauniginik Upalugaiyaut ilaqaqtumik pigiarutinik upipkaijutikhanik nunagiyauyuni ilauyunik.	• Aalaguqnigit angunahuarutinut pitquhiyunik	Ihumagiyaugitug

1.5.1.1 *Nunapta Anirniqautiit Ikiariit Avatikhangillu*

Ilangani 2 Havaanut hulidjuhiit uuminnganit akhaluutitut atuqpagaat unalu uunaqutikhamaat aturvikhangit taimaa anuritut puyunit anianingit, aktuqhimalaaqtauyut uuminngat anurium qanurilinganingit. Kihiani, hamna Havaangit ungahiktumiittuni nunalingnit, ihumagiyakhaqanngittuni kinaliqaak nunaqatigiingmiuttait iluaniinniarumik aktuqtaunianut nayugaanit qangaraalungmi.

Una Ilangani 2 Havaangit unguvaiyarahuaqtangit puyum anialailaqaataangit tamainnut inuudjutaanit uunaqutitngut aturvikhaat akhaluutim aturvikhaangalu aahiittauq hulidjuhiit (uuminngatut, ikulahimayangit iqqakuut aturvikhangillu qagalaqtumit). Tahapkuat puyum anianingit anianginnaqpangniaqtut Havaktaugumik Aulavikhanullu ilanganit havalitqaugumik kihiani. Hamna kangiqhidjuhingit haffumani puyum anialailaqtangit aadjigiinngittuni aahiit uyaraqtarviuyut havaangit Nunavunmi Nunatsiamilu, kihimi ikittumik ilagiinnautaa nunaryuarmi nunallaangit puyum anialailaqaataanit ihivriuningit.

1.5.1.2 *Nunamiuttait Avtimiuttait*

Havaariyauyukhat haffumani Ilangani 2 Havaangit ilaliutait ilagiyauniaqtangit tutqiqhimalugit nunahimayuit. TMAC tiliuqtauhimayait Havaangit aktuqtailinahuarianlik qayangnaqtumik nunanganit, hapumminahuarlugillu qayangnaqtut nayuqpauhingit pigiarumik, nailinahuarlugillu ihiit Ilangani 2 hulidjuhiit unguvaiyaqhimayuyut nauhimayut inuuhingit. Uvani umingnialirumiuk TMAC utirminiaraat iningit hamna nauhimayut utiffaariaqaqhutik inmiikkut.

Una Dolphin unalu Union (Qikiqtaq) tuktut amihuanyuit ingilravaktut ikaaqpakhutik taryum hikuani Kiillinirmit Ahiarmut upinngaami ukiakhamilu. Agyaqhiiniarumik agyaqattaqhimayukhaq imaqq angmaumalirumi hapumminahuarianganit amihuanyuit.

Una Havaangit qaliriiqhimalaittuq tukut nurriuliraangamik irniyuqtaaraangamiglu, nayuqtauvakkamik malrurnik atauhirmik hannatiigut pusaatigut haffuminngat Dolphin unalu Union amihuanyungit ukiumi ingilrayut unalu haffumani atauhirmik-uan hannannut pusaatigut haffumani Beverly/Ahiak amihuanyuit auyannuraangat ingilrayunut. TMAC tiliuqhimayangit hamna Ilangani 2 Havaangit ilagiyauyukhat mikitqiyaanit ininganit unalu tiliugainit igluqpaqarvikhaliurutikhait pittailinahuarlugillu ihumagiyaulluarningit iningit tuktunut ingilraliraangamik, halumayumik imarnit ikaaliraanganit, nunait iviqanirmit qulvahiktut nayugaan atuqtauvakkamiuk kikturiaqanngittumi nayugaat niklaumanirmilu. TMAC nutqallakhimaniaqtut qagaqtuinnirmit tuktut hanianiitkumik uyaraqtarviuyumi, nutqaqtiriaqaqtut tingmiyunut ihumaginahuarlugillu tahapkuat huradjat ikaaliraangat tukiliurutauhimayangit uvani Havaangit Ilitaridjutaanut (qayangnaiqutiliraangamik), kayumiiqhimalugillu akhaluutit kayumiiqtukhat ingilraliraangat taimaa niryutit ikaariaqaqtut apqunmi, amiqhainahuarlugillu ihiit, unalu ikulahimayunit tamainnut iggaviit iqqakuutit nutqallakhimagiaqaqtuqtaut taimaa niryutinit naimatqunngittunilu. Una Ilanga 2 Havaangit taimaa anguniarvikhaunngittunilu havaktunut maliguarutainit malikhhimalugit havaliraangata.

Tamainnut, Ilangani 2 naaguhiyauhimayut amiqhainahuarlugillu ikivallaarningit hannat pusaatigut nakuuyumik-nakuudjuhiutainit akhait aimavigigamiuk nunanganit. Ilitturvikhangit takunnaqhunilu akhait pittailiyuittangit uyaraqtarvikhanut havaangit iluani Ukiuqtaqtumi akhailu amihuuningit avataani uvani Ekati unalu Diavik uyaraqtarviit Nunatsiami ittuuvluni angiklivalialiqhunilu. Kihiani, akhait kangiqhiyauhimaittut aktuqtauyuittut uvani Ilangani 2 Havaangit hulidjuhiit. TMAC pitquiyangit akhait atuqhimagianganit uvunga Havaangit nayugaanit amiqhaivakkamiuk iqqakuurvingit, halumavlunilu nayugaat hiniktarviit, akhanut-hiamittiyuittangit nayugaqaramik, taimaa atuagaliaqaqhutiktaut niquhuqtakhaunngittangit niryuit manirarmiuttait, akhailu amiqhaigiaqaramik maligautiqaqhutiktaut.

Hamna aadjigiigutaat uukturautainnit TMAC upalungaiqhimaniaqtut aturlugillu hapummigiami tuktut akhailu —hamna qaaqtuinahualiraangat uyararnut pittailinahuarlugit, anguniarviugakhaunngittunilu atuagangit, apqunmilu kayummakhimaittumik, unalu niryutit piyunnautiqaqtukhat hapummiyauniaqtangit umingmait, qalviit amaruillu. Hamna tulagviat haffumani llangani 2 Havaangit tiliuqhimayauyut aktuqtailinahuarlugillu niqikhaqhiuyuktunut manningit. Avaliqanngittut iblaunga, qupanuaqpangnut nunallaangit amihunit iblaungit, naniyauhimaquq atauttimut Havaangit havagviannit, kangiqhiyauhimaquq hamna qupanuaqpak atuqpagunghaqhiyut aallamik iblaungat nayugaanit iluani nunallaani aktuqtauyunghaqhiyluniluuniit Havaangit hulidjuhingit. Ilangit Ukiuqtaqtumi uyaraqtarvingit havaangit unipkaariyauhimaqvaktut uyaraup talungit angmaumayumi hauhimaningit tahapkuat niqikhaqhiuyuktut ivaliqpaktut hauhimayumi, kihimi ihivriutauhimannngittuni iluani Doris Havaangit uyaraqtarviit. Amihuuyut ilitquhiriyangit ivayunit nayugaat, haniani amiqhaivaktait amiqhidjutauvlutik uyararnut nailiyauvagaat niqikhaqhiuqtunut atuqhimavagaat uyaraqtarviit.

Utiqtaqtut tingmidjait ilaliutigiyangit imarmiuttait tingmidjait unalu qulvahikhivaktut ivayunit tingmidjait (qupanuat). Atuqhimavagaat iblaut pittailivagaat havaktaugaangat nutaamik igluqpaqarvikhaliurahuagtunut hilataanit ivayunit, qanurmiluuniit qauyihagtauliraangamit, unaluuniit kuinginnaqtumik havaktaugaangat hanianit iblaunganit havakkumik auyami. Kayumiqyauvaktut apqunmi taimaa tingmidjait pittailinahuaqpagaat akhaluutit tuluqtailivagaat tingmidjanut.

Imaup nakuudjuhia unalu ihirnut amiqhaivagaat. Uqhuryuat hivuuranaqtunillu qayangnaqtuit amiqhailluaqtakhaat kuviyaunnirumik halummariagaqtangit qilamiuqtumik. TMAC’ip tiliugait haffumani llangani 2 Havaangit, atauttimut ingattaqhittailivlutik amiqhaivlugillu uuktuutingit, pittailinahuaqhugillu atuliqtaunikkut uumani Nunamiuttait Niryutit unalu Niryutit Nayuqpaktangit.

1.5.1.3 Halumayumik Imaut Avatimiuttait

TMAC upalungaiyariiqhimayangit atuqhimagianganani amihunit uuktuutikhait nailinahuarianganani Havaangit atuqtauniagut atuliqtaunikkut imarmut nakuudjuhingit, halumayumik imait lqaluit nunaqatigiiktunut, lqaluit nayuqpaktangillu.

Hamna Havaangit atuqhimayakhaat mikiyumik imarmik piyumayaukpat, unalu TMAC uuktuinnaghunnguvauk amiqhailugillu tamaat imaup utiffaaqtinnani avatikhanut. Anaqtautit amiqhaiyangit anaqtautiviit taimaa pidjarikhigiaqtaqtangit tamaat unguvaiyaqhutik imarmik aktuqhimayaukpat naahimaikmiluuniit qaangiutinnirumigluuniit aulapkaqtaaqhimaningit kigiyauhimaqangit uumani Nunavut Imaliqinikkut, lqalut Taryurmiuttat Kanatami, unalu Avatiliqinikkut Hilaup Aallannguqpauhirningit Kanatami. Imaut aktuqtauhimannirumik uuminngat uqhuryuanit tutquumavingit ihuaqhainikhaviillu, unalu imarnut halumaittumik hamannat akhaluutiryuanganani akhaluutiqarviingnit, aktuqhimalaqaqtangit aulavikhangit uuktuutingit turaaqtautinnani.

Hamna Havaangit ihumagiyaavagaat aulaviginahuaqhugit hiirnaqpiagtumik qurluavikhaat hamannat huruqhimaningit uyarait, uyarailu illiriyauhimaquq, uyarait taunaniitpallaaqtummik, amiqhaivikhangillu upalungaiyautit taimaa imait akturnaittukhauyut kiglikhautainit uvani imait laisikhaanit unguvaqhimaittumik avatikhanut.

lqalut nayuqpauhingit hapummiyakhaat havaktaulirumi imarnut ikaaliraangat ilaliutihimaqangit uuktuutingit pivalliahimaqangit uumani lqalungnit Taryurmiuttainillu Kanatami. TMAC tiliuqhimayait hamna Havaangit pittailinahuarianganani lqalungnit nayuqpaktangit aktiryuanganani piyumayaukpat. Hamna lqaluit nayuqpaktangit ihumagiyaulluaqtakhaat, hamna nayuqpaktangit aadjigiiktukhauvluni ukunannat upalungaiyautingit angiqtauhimaqumik uumani lqalungnit Taryurmiuttanit Kanatami. Hamna Qitirmiut Inuit Katudjiqatigiingnit ilagiyailu haffumani kitunuliqaak ilaliutigiyaulaqaqtangit uumani piliriakhait unalu inikhautikhangit ikayuqhimagianganani ihumagiyaqhait piliriakhangillu.

TMAC'iup tiliugait haffumani llangangit 2 Havaangit, atauttimut uuminngalu ingattaqhittailinahuarnikkut amiqhaiyakhaallu uuktuutingit, atuliqtaunahuaqhimaittumik ukunanngat Halumayumik imaq Avatikhangillu.

Imarmiuttait Avatimiuttait

Uqhuryuat turaaqtauvaktut iluani Roberts Bay mi katilviugiangani Agyaqtuinnikkut Kanatami maliguarutainnit. Hamna unguvaqtauhimayut hamanngat kuvingit hanayauhimayut kiilirahuarlugit inikhaangit iluani Roberts Bay mit katilviugiaqaqhuni havigaliit uyaraqtarviuyuq anaqtarviuhimayut maliguarutait pinahuaqtangit uumani Avatimiuttait unalu Hilaup Aallannguqpauhingit Kanatami, aadjigiiktut tamainnut uyaraqtarviit Kanatami. Ilagihimayait, TMAC kiugiaqaqtut amiqhaigianganit avatikhanut iluani Roberts Bay mi pidjarikhigiangani taamna unguvaqtauhimayut aktuqhimaittumik uumani imarmiuttanik inuuhingit.

Tamainnut havaangit haffumani agyaqtuiyunit tulagviata iluani Roberts Bay, TMAC kiglikhautikhangit aktuqtauningit imarmiuttainit lqaluit atuqtakhait lqalungningit unalu Taryurmiuttainit Kanatami uukturautainit pittailinahuarianganit pinguttailinahuarianganit iqlungnut lqaluit nayuqpaktangillu, ilagivluniuktauq aahiit uuktuutingit nailinahuarianganit kuinginningit, aktuqhimayangit, hayungningillu (uuminngatut, kititiqpallialiqtumik aquttuni, qagaqtuiyunillu agyaqtuiniinnillu). Havaangit iluani imarmiuttait imait iniqhimayakhait taamna ihumagiyaugumi iqluqanngittuni, unalu iningani aktuqtauhimagumi ilagiyaita haffumani imarmiuttait imait tulagvingit nailiyauniahutik qanurilingayaugumik. Tahapkuat amiakkut nayuqpaktangit piiqhimayut, hamna avvautihimayaugumik hamna lqaluit amihuuningit aulayukhaunngittut qakugunnguqtumi.

Qauyiharningit naunaiqhiiyangit hamna inikhaqanngittuni nattiit agyaqtaugianganit (uuminngaluuniit unaguiqhiriamilu hinaani hikumuuniit) uvani auyami uvani Roberts Bay mi. Uvani ukiumi, hamna hilingnia agluata iluani hikumi uvani Roberts Bay mi ilagiyangit Melville Soundmi naitqiyauyuqtauq uvanngat Qingaungmit, ihumagiyaugunnaqhiyangit nattiit nunamiuttanit niqikhaqhiuqtumik pittailinahuapaktangit uuminnganit akhait qalviinillu. Roberts Bay mi tuniyauhimaniaqtut uqhuryuanit parnautikhangillu umiaryuakkut angmaumagaangat kihiani imait, hilataani ikaarningit nattiit tuktuillu atuittaraangat hikut.

Hamna qanilruani taryurmiuttait tingmidjait amihuuyut unalu llangani 2 Havaangit mikiyumi qikiqtarmiitpaktut kangiqhurmilu qulvahiktumi Qingaungmi unalu Elu Kanqhuanganit uvani kivataanit kinguani Melvillu Sound mi. Hamna Taryurmiuttait tingmidjait ibuangit uvani mikiyumi qikiqtait iluani Melville Sound mi, kihimi taryuit tingmidjait hilingningit ahiarmi hinaani ikitpiaqtut. Kihimi mikiyuit aktikkutait aturnaqtut Roberts Bay mi havagviata unalu tukhiutaaqhimayauyuq nutaamik Havaariyakhaat havagviata, uuminngalu ikittumik amihuuningit tingmiat ivayut ahiarmi hinaanit, hamna havaangit aktuqtauningit taryumi tingmidjait ihumagiyaavlutik ikivalliavlutik.

TMAC'p tiliugait haffumani llangani 2 Havaangit, atauttimut uuminngat ingattaqhittailinahuarnikkut amiqhaivikhangillu uuktuutingit, pittailinahuahugillu atuliqtaunikhainut Imarmiuttanut Avatimiuttait.

Inunngut Avatimiuttait

Qaffiuyungnaqtut 50 nitluuniit initurlingit nayugaanit ilittuqhimayauyut takunnaqhutik iluani nunanganit haffumani llangani 2 Havaangit. TMAC upalungaiauyut aktuqtailinahuahutik nayugaanit nakuutqiyahiurnikhanut inikhaanit aulapkaivalliagumik quyaginnaq Havaangit hulidjuhiit ilittuqhailugillu manirarmi havaktunut qanuq naunaiqhiinahuarlugillu initurlingit nayugaanit, uuminngalu nalaumayumik inikhautikhangit maliktakhait naunaiqhiivalliagumik. Nutaamik nayugaat naunaiqhiivlutik, TMAC aulapkaiviaqtut hapummivikhangit tutquumavikhaat hilataani nayugaanit. Initurlingit nayugaat pittailiyaulaitkumik tumingit haffumani llangani 2 Havaanginut, hamna nayugaat ingattaqhittailiyukhat;

tukiqaqhunilu taamna piyunnautingit piyumayaukpat piyakhatit hamanngat Nunavut Kavamangit, tamaat ilitturvikhait hamanngat nayugaanit piyumayainnit titirariaqaqhuni, unalu piqutingit titiraqtauhimayut hapummiyauhimaavlutiktauq hivunikhanut akunianut Nunavunmiunut. Kihiani hamna nayugaat unguvaqtauhimayut, ihumagiyauyuttauq hamna ilitturvikhangit kititiqtauhimayut unalu hapuumiyaayukhat pitquhiriyamingnit ihumagiyaulluaqtangit. Kihimi aktuqtauhimaittut uumani initurlingit avaikhait naaruhiauhimayut piyukhat hamanngat Ilainnaa 2 mi. Kinguani, hamna Kapihiliktuum Havaangit ikayuutaulluaqhuni qauyimayamingnit kiglikhait ilagiyauhimayangit kinguani nunami atuqtakhainninganut inuuhirmingnullu.

Hamna Ilaninnaa 2 Havaangit naaruhiriyauvluni ikayuutaulluaqtut atuliqtayukhait uumani maniliurahuarnikkut angikliktirninganut pivallianingillu uumani ikayuutikhanut uvunga Kanatam Pitqurhillaangit Aimaangit Niuviqtakhait unalu kavamatuqangit nunallaangillu kavangit taaksiutikhainit maniliugait. Tahapkuat atuliqtayukhat naaruhiriyauhimayut aktuqhimayangit nunaqatigiiktunut inikhaat, aviktuqhimaningit, Nunavunmi, Kanatamilu Havaktaulluaraangat Aulapkailluaraangallu ilanganit. Tahapkuat Havaangit ihumagiyaulluaqpagaat ikayuutaulluarnaqhuni maniliurahuarnikkut haffumani Qitirmiunmi uvani nakuuqpiagtumik ilitturnaqtumiktauq inikhautaanit, taimaa ikayurnarluaqhuni amihunut pivallianikkut aallatqiit. Nunaqatigiingmiuttait nanminilik inikhautait angikligiaqaqtut havaariyaayukhanut Qitirmiunut Ilittiaqhimayunut Nanminilgit uuminngattauq aahiit Inuin Inuinnaunnguttunullu nanminilgit iluani Qitirmiut nunalingnit. Haman Havaariyakhait angiklipkainiaqhuni havaamingnut maniliugainnit uuktuutingit tamainnut Qitirmiut nunangani Nunavunmilu, uuminngalu humiliqaak Kanatami.

Hamna ilangani 2 Havaangit ihumagiyaulluaqpagaat angiyaaqtumik akiharnaqtumik havaktunut puqtuyumik, amihunitlu ayuinninganit; kihiani, tahapkuat aktuqtauningit naaruiyauhimaittut hivituyukhamut. Hamna havakhutik iliaqhutiktauq ilaliutauyukhat, ilitturluaqtukhautaavlutik iliharutikhaillu piliriakhait naaruhiriyauyuq angikliktiqtakhaat. Hamna parnautingit aulavigiyauvluni uumani havagvingnut, unalu Qitirmiut Inuit Katudjiqatigiit, aahiillu ilitturvikhangit ilaliutauhimayaayut ikayuqhimagiangani ihumagiyakhaat uumani TMAC'iup inikhautikhaat aktuqhimagiangani ilihautikhait piyumayainnit.

Hamna Ilangani 2 Havaangit kangiqhiyauhimayut kiuyauluni aallannguqtauhimayut ilagiiktunut ilitturvikhait ilagiyaayut uumani aktuqhimayaayunit angikliktiqtauhimayut iglumiuqatigiti maniliugait aallannguqtiqtauvlutik ilagiiktut inikhautikhait ilagiyangillu ukunanngat Havaariyakhaat havaangit. TMAC naunairiiqhimayangit inikhautikhait pinahuarianganit nakuuyumik nailinahuariangani ayurnaqtumik aktuqtaunikhainut ilagiyauihimayut aallannguqtiqtauningit. Uuminngatut, turaarvikhangit ikayuutauyukhamaat katilviuhimagiangani uumani havaktunut ilagiiktunullu piyumayaukpat havagvingnut. Ilaginahuarlugillu, TMAC havaktingit amiqhaigiaqaqtut aturaaqtakhainit katimadjutigiyakhait uumani Inuit havaktiit naunaqhiigiaqaqhutiktauq havaktunut piyumaiyainnit ikayuqhimalugillu quyaginnag akihautiqarniqqata.

Kangiqhiyauvakhunilu taamna Ilaita 2 aulapkaiyakhaat tahiyaagtunit nakuuyumik atuliqtaunikhait inungnut iluani Qitirmut nunangani hamnalu nakuuyumik nakuunngittumiglu aktuqtauhtimaningit amiqhaiyukhat uumani TMAC unalu maligautait nunaqatigiiktut kavamaita. Ilangani 2 tahilaaghuni inuudjuhianut Havaatigut kinguani ilaliutigiyakhait iniliurvikhangit nunalingnit qulaani arviniliknigluuniit ukiukhamut uumani inuuhitukhaat Havaangit atiliuqtaagtut. Inuit Aktuqtauningit unalu Ikayuutikhait

Angirutait uumani Qitirmiut Inuit Katudjiqatigiit ikayuutauniahunilu taamna Havaangit ikayuutauniarami Inuinnainut.

Hamna inuit aanniaqtailinikkut avatikhaitalu ingattaqhittailinahuarnikkut ihivriurnikkut iniqhimayauyut
Havaatigut, unalu ilaliutauhimayangit iniqpiaqhimayumik piliriakhangillu tiliuqtauhimayut

naunaiqhiigiangani, qauyihaqhimagiangani, ihiviuqhimayakhaillu aktuqtaunianut Havaangit uumani avatimiuttainit inuuhirnullu aanniaqtailinikkut. Kiglikhautikhait ilittuqhimayangit qimilruqhimayait inikhait atuqhimayangillu uuktuutingit uumani hururningillu kuinginninganillu qanilruani aviktuqhimayumilu ilitturvikhait haffumani Havaangit aulapkaigiangani uuktuutikhait ihivriuqtakhait ihumagiyaayut hivunngani aktuqtaunianut Havaangit ilitquhiutauvlunilu kuingingilrumi qanurilinganingit hivunikhautingit utiffaaqhimagiangani hulidjuhiit.

Ilagiyangit haffumani inuuhianit aanniaqtailinikhainut avatikhangillu ingattaqhittailinahuariangani ihivriurningit, naunairvikhangillu qimilruqtauhimayaayut aniruum qanurilinganingit; imaup qanurilinganigillu; imaup qanurilinganingillu hiuralingnillu qanurilinganingit (halumayumik imait taryurmiuttanillu); uuminngalu nunamiuttait imarmiuttait niryuutit; marluit nauhimayunillu; niqainnaat; kuinginninganillu. Tahamna ihivriurningit ihivriuqtauhimayut atuqhimayait unalu kangiqhiyauvaktut halumaittut uuktuutingit unalu aallatqiit ihumagiyaavaktut inikhautikhait tamainnut takunnaqtut. Tamainnut ihumagiyaayut ihivriuqtangit, hamna Havaangit ilaliutaulaittuni ihuittumik tamainnut inungnut aanniaqtailinikkut avatingnillu aanniaqtailinikkut.

1.6 AANNIQAUNIKHANUT UNALU IHUINNAAQTAUNINGIT

TMAC malittiaqhimayangit hapummiyaavikhangit aanniaqtailinahuariangani attarvikhangillu havaktiit, nunaqatigiingmiuttait, avatingillu avatimiuttangillu, unalu ukpiqtakhait maligautainit attarnaqtumik uuktuutikhait, uuminngalu inmikkut inmikkut akhuurnaqtumik inikhautikhait uuktuutingillu.

Aanniaqtaunikhainut ihuinnaaqtaunikhannullu pivangniaqtuq quyaginnaq ilangani haffumani Ilangani 2 Havaangit. Hivunngani avatikhangillu ihumaaluutingit kiuvagaillu aanniaqtaunikhainut ihuinnaaqtaunikhannullu taimailiurnirumik kuviyaugumik, unguvaqtaugumilluuniit qayangnaqtumik, akuhimayumigluuniit, uqhuryuunganilluuniit ilaurutikhait uuminngaluuniit piliriangit huliniit nunamut imarmulluuniit (halumayumik imait taryurmiuttanilu). Ikulayaugumik taimaattaug ingattarnautivaktangit akhaluutimik, ahiruqtaugumigluuniit alruyarniit qanurilingannirumigluuniit qagaqtaugumigluuniit. Kinguani, qagarnaqtut pihimattiaqpagaat ahinit qanurilingayaugumik qagaqtaunniqqat.

Amiqhainikkut uumani ingattaqhittailiyakhaat unalu qanurilingayaugumigluuniit upalungaiyautigiyakhaat ilaliutauvagaat TMAC'iup inikhaanit. Iniqpiaqhimayumik ihivriurnikhait haffumani ihumagiyaulluarnirumik ingattaqhittailiyakhaat piyaugumik taimaa aktuumiyaakhaat maliguarutait, uuminngalu TMAC'iup aanniaqtailinikhait, ingattarniktailiyakhaat unalu avitikhait iniliurvikhaat. Taimaa ittuuvlutik aanniaqtuqarniqqat ihuinnaaqtaunnirumigluuniit, TMAC'iup hivunikhautait nailinahuariaqaqtut qanurilingayaugumik unalu ilaliutaugumigluuniit ihuinaarningit taimaa aktuumiyaullaqaqtangit inungnut avatingnullu. TMAC'iup amiqhaivikhangit ilaliutauhimayangit atuliquatuyakhaat ihuiriyamingnit amiqhaivikhangit uuktuutingit tiliuqtauhimayaayullu ingattaqhittailinahuarlugit nailinahuarlugillu qanurilinganingit. Tahapkuat malikhimayait ilaliutauhimayangit havaktut ilihautikhait, ilinnirutikhait, ihivriuqattaqpagaillu, amiqhaivagaallu ihuaqhivagaallu ingilrutingit, ilitturviuvlugillu qanurilingayauningit ihuaqtumik pinahuariangani.

Ingattaqhittailinikhait avatikhait atuqtauhimayaayut ilitturvikhangit uumani 18 nit ihumagiyaavagaat qanurilingayauningit ihuinnaaqtauningit kigliqaqtumik tallimanit ingattaqhittailinikhait maligautait; hamna uuktuutingit ihumagiyaullaqhimayangit ihumagivlugit tamainnut itqudjauhimayaayut inikhaanit unalu avatingillu qanurilingayaayunit pivlutik. Uumani 18 nit ihumagiyaayunit, 7 nit uuktuutauhimalluqaqtayut "naittumik" ingattaqhimayaavlutik, unalu 6 nit "ihumaalungnaittumik" ingattaqhimayaavlutik, unalu 5 tauq "naivyaktumik" ingattaqhimayaavlutik. Qanurilingayaunimaittut ihumagiyaavlutik "puqtuhiqanngittumik" uuminngaluuniit "ihumaaluutaullaqaqtunngittunilu". Ihumagivluniuk uuktuutingit ingattaqhimayaunikut ilagihimayait uuminngat ihuinnaaqtaunikut

aanniqtauhimaainnikut, *TMAC'iup Qilamtuqumik Kiuyakhaat Upalungaiyautingit* atiliurnaahunilu tamainnut aanniqtauunikut ihuinaaqtaunikunulluuniit.

1.7 ATULIQTUNIANUT AVATIKHAIT HAVAATIGUT

Qaayurnaqtumik anurimut hulidjuhiit (piqhigaangat, nipallipallaaraangat, qanniqpallaaraaangalluuniit, hilalukpallaaraangalluunit) una nunaup-hivuuranarningit (hilaumm nunauplu mayuqqaup qanurilinganingit) aktuqtauvagaat Havaanut igluqpaqarvikhaliurahuarnikkut unalu—utimut—ihumaaluutauvaktut qayangnarnikhanut inungnut avatingnullu. Hilaum aallannguqallianingit inuuhianut uyaraqtarvingnut ihumagiyaavagaallu aktuqtaunianut Havaatigut.

Tiliugait haffumani Havaanut ihumagiyaavaktut aktuqtaunianut haffumani avatikhainut taimaa aktuqhimallualaaqtangit Havaatigut igluqpaqarvikhaliurutikhait, havaariyakhait ikaaruhiit, hulidjuhiinullu. Ihumagivagaattauq, nunaum qauiharvingit ihivriurningit turaaqtauvaktut, huli ihivriuhimmaaqtauvakhutik tiliuqtauvaktunut ikayuutauvlunilu naunaiqhiivlutik ihumaaluutainnit ilagivluniuk nunaup puvitquumannga unalu nunami-hivuuranarningit aktuumilaaqtangit Havaanut igluqpaqarvikhaliurutikhait. Tamainnut, nayugaanit uumani igluqpaqarvikhaliurutikhait ihuaqhiyaavagaat (uuminngatut, tautukhimayait qaiqtuit, piyaugumik) pittailinahuariangani ihuittumik inikhaanit angiyaaqtumik piyaugumik taimaa. Ihuinaarningit aktuqtaulaikumi, igluqpaqarvikhaliurutikhait havattiaqtauhunguyut tiliugainnut nunaup puvitquumanngahapummiyakhaat uuktuutingit unavyaktumik inikhaanit. Ukunanngat hivunngani tiliugainit tiliuqhimayait unalu havaangit, ilaliutauhimalgillu aadjiliugait qauiharningit atuqtaulaqtut ihuaqhiyangani kangiqhidjuhianut uumani nunaup qauiharningit aahiillu aktuqtauhianningit uumani avatikhanut.

1.8 ANGIKLIKTIQTAUHI MANINGIT UNALU KIGLILIU RAHUARNIKHAINUT ATULIQTUNINGIT

Ihumagiyaayut tunihimayaayut uumani ihumagiyaayukhat angikliktiqhimayaayut atuliqtauningit puqtuhiyaayut uumani Havaatigut atuliqtauningit ilaliutauhimayaayut uumani aahiit havaangit, uuminngalu atuliqtauningit ikaaqtaulaahunilu atanniqtuivingit kiglikhautikhait iluani aallat ilagiyait Kantami (qauiyimaavagaat aahiit kigliliuqtaunikhanut atuliqtauyukhanut). Aallamik ingattaqhiitailiyaavkahunilu aahiittauq kigliliuqtauhi maittunilu naunaiqhiyyut, ilangani hamnaguq ilainnaa 2 Havaangit naaguhiyaunngittuni atuliqtauhi maittuni qanilruani ilaliutauhi maittunigluuniit havaanut hulidjuhiinulluuniit unghikpallaahimayumi.

1.9 AVATIKHAIT, AANNIAQTAILINIKKUT UNALU ATTARNIKHAINUT AMIQHAIVIKHANGIT

TMAC ilitarihimayangit nalaumattiaqtumik avatikhait amiqhaivikhangit nanminirilluaqtangit hivunikhautikhait. Hamna kompaniup *Ukpiruhuutait uvunga Malittiaqhimayait Nanminiriyakhaat Ukpiruhuut* ilaliutihimayangit aturaaqtaqhait nanminiriyangillu ihivriurnikhait uumani avatikhait havaariyaayukhaat, huli ihivriuhiiavkhutik tiliugait unalu pilimmakhainirnut uumani avatikhait amiqhaivikhangit, aadjiliurahuatqangit havaatigut nalaumaqpaingit uuktuutingit, taimaa avatikhangillu piyumayaupkat haffumani TMAC havaktunut aktuqhimayakhaat avatikhainnut amiqhaivikhangit havaangit. TMAC Attarnaqtumik, Aanniaqtailinnaqtumik, unalu Avatikhanuttauq Katimayiralaat ihivriuqattainnaqhugillu avatikhanut ingattarnikhainnut, qimilruqattaqhutik, nutaannguqtigattaqhutiktauq kompaniup avatikhanut atuagait maligautaingillu, unalu kiuqattaqhutiktauq qanuq avatikhanut ihumaaluuti qarniqqat qilamtuqumik. Ilagiyangillu, malikhugit haffumani Inuit Aktuqtaunianut Ikayuutikhangillu Angirutait, una Inuinnaat Avatikhanut Kiuqattaativagaat

Katimayiralaat qimilruinnaqpagaat avatikhait amiqhaivagaat upalungaiyautiit, niplautigivagaallu Havaatigut-ilagiyaayunut avatikhait akihautainit, ilaliutigivagaallu kiuyakhait TMAC nut.

Nalaumayumik amiqhaivikhangit upalungaiyautit iniliuqhimataaqtut aallatqiinut ilakhaita pivallianikkut haffumani Kapihiliktuum Havaariyakhaat. Haman qimilruqtauvlunilu uumani Ilainnaa 2 tamaat piluqtauhimayut nunaliit, Qitirmiut Inuit Katudjiqatigiit unalu ilagiyauphimayut kavamaita ilaudjutilgit qimilruqhimaniaqtangit amiqhaivikhangit ingattaqhittailinahuarnikhangillu uuktuutikhait. Kiuhimataaqtangit, atuqtaaqhimayangit amiqhaivikhangit upalungaiyautingit nutaannguqtiqtauniaqtuq aktuqtauvikhangit nutaamik arlingnaqtumik ilitquhikhaat uumani Ilainnaa 2 pulahimaittumi uvani atuqtaaqhimayainnit upalungaiyautimi.

1.10 INIRUTAANUT HAFFUMANI AVATIKHAINUT AKTUQTAUNIANUT KIUVINIIT

TMAC'iup Avatikhait Aktuqtaunianut Kiuviniit iniqhimayangit taamna llangani 2 Havaangit ihuittumik ihumaalungnaqtumik aktuqtaulimaittuni avatingnut, inungnut-ikayuutikhangit qanurilinganingit, nunaqatigiiktunulluuniit.

TMAC tiliuqaqhuni hamna Havaangit nainaaqtauyukhat aktuqtaunianut avatingnut. Hamna kampaningit malittiaqhimayait pivallianirnut uumani Ilainnaa 2 Havaangit aturaarnaqtumik ilitquhikhaat ihumagiyaupvaktut nunaqatigiingmiuttanit avatingillu. Uumani qimilruttiagtumik ingattaqhittailinahuarnikhainut amiqhaivikhangillu, hamna Havaangit naaruhiyaayut avatingnut atkuqtauhimaittunilu, ilaliutigivluniuk maniliurahuarnikkut ikayuutikhait Inuinnaanut nunaliit, nunangani iluani, Nunavunmilu tamainnut.

1. Executive Summary

1.1 INTRODUCTION

Project Overview

The Hope Bay Greenstone Belt (“the Property”) is TMAC Resources Inc.’s (“TMAC”, “the Proponent”) prime holding and is its sole focus for exploration, development and mining. TMAC holds mineral claims, leases and one Inuit Mineral Exploration Agreement that comprise an approximately 20 × 80 km property. These mineral holdings comprise the Hope Bay Greenstone Belt, on which the primary gold deposits Doris, Madrid North, Madrid South and Boston are located. The Hope Bay Belt is host to numerous other prospective areas which suggest that economic reserves will continue to be delineated, permitted and developed, creating a multigenerational operation.

Phase 2 Project (“the Project”) focuses on mining of the Madrid North, Madrid South, and Boston deposits by utilizing and expanding upon the Doris Project infrastructure for the integrated development of the Hope Bay Belt. The Project represents a timely opportunity to develop the well-established Hope Bay gold deposits into a long-term mining operation in Canadian Arctic that provides sustained economic stability and benefits for the Kitikmeot region. The development plan minimizes capital investment and builds on the existing assets to generate cash flow that can sustain continuing exploration and expansion.

Setting

The Project is located east of Bathurst Inlet, approximately 150 km southwest of Cambridge Bay in western Kitikmeot, Nunavut, and 700 km northeast of Yellowknife (Figure 1). The nearest settlements are Omingmaktok, located approximately 60 km to the west, and Kingaok (Bathurst Inlet), located 130 km southwest. Both Omingmaktok and Kingaok are historical settlements; past residents have moved to Cambridge Bay or other communities, although the settlements continue to be used seasonally.

The northern portion of the Hope Bay Belt consists of several watersheds that drain into Roberts Bay, and the Koignuk River which flows into Hope Bay west of Roberts Bay. Watersheds in the southern portion of the belt drain into the upper Koignuk River. The entire area lies within the Bathurst Inlet-Burnside Watershed.

The EIS

TMAC’s Phase 2 Project is the result of a continual evaluation of the proposal put forward in 2011 by Hope Bay Mining Limited. In May 2012, the proposal was referred to the NIRB for public review pursuant to Part 5 of Article 12 of the Nunavut Agreement. Guidelines for the Preparation of the draft EIS were issued by the Nunavut Impact Review Board (NIRB) in December 2012. The NIRB’s current review of this draft Environmental Impact Statement for Phase 2 as defined by TMAC is a resumption of the review initiated in May 2012. The EIS is part of the environmental assessment process established for a project under the Nunavut Agreement.

Figure 1
Project Location



TMAC has prepared the EIS with the support of traditional knowledge, community input and perspectives, scientific experts, specialists, and consultants in various fields. Through the EIS, and the environmental assessment process, TMAC describes the Phase 2 Project in relation to the surrounding environment and proposed activities. Potential effects are predicted and mitigation plans are developed. Where residual effects exist (i.e., effects remaining after mitigation measures have been applied), the severity or “significance” of these effects is evaluated based on established criteria and expert opinion. The supporting information and assessment rationale are described in the EIS.

The Proponent

TMAC is a Canadian mineral development company with offices at the Project site, in Cambridge Bay, in Yellowknife, and in Toronto. TMAC purchased the Hope Bay Property from Newmont Mining Corporation in March 2013. Following this acquisition, TMAC resumed development of the Doris Project (Phase 1 of Hope Bay Project) and exploration activities on the Hope Bay Belt. TMAC is fully funded and well positioned for exploring, permitting, constructing, operating, and closing known and future gold deposits of the Hope Bay Project. The Company’s executive, engineering and environmental teams have a wealth of Arctic development experience and are determined to continue the development of partnerships with local business and companies who have specific northern experience.

Kitikmeot Partnerships

Any project of the scale and importance of the development of the Hope Bay Belt cannot be done in isolation. Many partnerships are required and TMAC has been supported in its development goals by meaningful partnerships with two major Inuit organizations: Nunavut Tunngavik Inc. (NTI) and the Kitikmeot Inuit Association (KIA). The NTI is the partner organization that coordinates and manages Inuit responsibilities set out in the Nunavut Agreement. NTI holds the surface title and mineral rights to Inuit-Owned Lands (IOL) in Nunavut, including the surface rights over the entire Hope Bay Property and mineral rights over selected portions of the Property. The KIA administers the surface rights and the Inuit Impact and Benefits Agreement (IIBA) associated with TMAC’s activities at the Property. The Kitikmeot Inuit Association (KIA) and TMAC will continue to share in existing and future benefits through partnerships and agreements already in place including the Framework Agreement, the Inuit Impact Benefits Agreement (IIBA) and the Commercial Lease. Both organizations fill important roles on behalf of Inuit and they ensure, along with TMAC, that the existing Framework Agreement and other, future agreements as required, will provide continued social and economic benefits for Nunavummiut, Nunavut, and, Canada while effective stewardship to the land is maintained.

1.2 THE PROJECT

1.2.1 Mine Plan

Approach

TMAC will achieve continuous mine operation at the Hope Bay Project through mining at Doris (the approved and existing Phase 1 of the Hope Bay Project), followed by the start of commercial mining of the Madrid North, Madrid South and Boston deposits. This staged approach will apply across construction, operation, reclamation and closure, and post-closure phases.

The Phase 1 (Doris) Project has already established infrastructure at Roberts Bay and the Doris Site including accommodations (with capacity for up to 280 people); an operating underground mine with ore and waste rock storage areas, an all-weather airstrip, a tailings impoundment area (TIA), 20 million liters of fuel storage, a process plant, and all associated infrastructure required to operate the mining operation.

Phase 2 construction activities will overlap with the Phase 1 operation activities at the Doris Site. The proximity of the Madrid area to the Doris Site, process plant, and TIA means that the Phase 2 Project can utilize existing infrastructure at Doris. This will reduce costs, minimize the footprint, and minimize the time required to develop the Madrid deposits, and support development of the Boston Site. The permitted infrastructure and facilities at Roberts Bay and the Doris Site have sufficient capacity to support Project construction for Phase 2.

The Phase 2 Project involves overlapping construction and production activities. The planned sequence of production activities for the Madrid and Boston sites are:

- Commence mining at Madrid North in Year 1 (2019) and continue to Year 13 (2031), with ore processing at the Doris and Madrid North process plants;
- Commence mining at Boston in Year 4 (2022) and continue to Year 14 (2032), with ore processing at the Doris Site in Years 4 and 5, and at the Boston process plant when it is operational in Year 6.
- Commence mining at Madrid South in Year 11 (2029) and continue to Year 14 (2032), with ore processing at the Doris and/or Madrid North sites.

Project Design Considerations

TMAC is committed to operating in a socially and environmentally responsible manner. To this end, the Company has taken an inclusive and proactive approach to the design of the Hope Bay Project, guided by a desire to avoid and mitigate potential adverse effects. Biophysical, socio-economic, cultural heritage, health and safety, and other studies and baseline information has been considered throughout the design of the Hope Bay Project and Phase 2. Where information is lacking, or cause-effect relationships are uncertain, TMAC has taken a precautionary approach to ensure that serious harm or damage is avoided.

Highlights of the Phase 2 design and planning considerations are summarized below.

- TMAC is committed to workplace **health and safety** and strives to provide a positive safety culture and an incident-free workplace.
- **Traditional Knowledge** (including *Inuit Qaujimajatuqangit* [IQ]) has been also been considered, including information about travel routes, wildlife movements, areas and wildlife of particular importance, and land use activities.
- **Socio-economic** benefits will be enhanced through efforts to hire (and train, where necessary) residents of Kitikmeot Region. Employment and business benefits are established in an Inuit Impact and Benefit Agreement (IIBA) established between TMAC and the KIA. Potential adverse socio-economic effects will be mitigated through progressive workplace programs such as the Employee and Family Assistance Program.
- TMAC has conducted **archaeological** surveys and information collection from sites over the history of the Hope Bay Project (including exploration activities) and has implemented a Standard Operating Procedure detailing the steps to be taken upon discovery of a new archaeological site. Sites are mapped and avoided wherever possible.
- Potential **biophysical effects** are minimized through the incorporation of mitigation measures within the project design. This includes respect for buffer zones, set-backs, avoidance of sensitive areas (e.g. bird nesting areas, fish-bearing streams) where possible, and minimizing habitat loss. Sensitivity mapping was used to identify sensitive ecosystems and habitats; this was also informed by traditional knowledge and cultural values.

- The design considers the potential implications of **climate change**. Analysis includes projections of future climatic and hydrological changes, and the design of mining infrastructure (e.g. roads, tailings management facilities) considered potential vulnerabilities to these changes.
- **Permafrost** has been characterized and geotechnical design principles related to permafrost have been developed. This accounts for changes in permafrost associated with climate change.
- A number of design changes are intended to mitigate **effects on land users**. This includes enabling land users to move through areas of roads and infrastructure so as to minimize effects of people travelling on the land.

Potential for Future Development

Consideration of potential future development is an integral part of the Project development. The Project itself is part of a staged approach to development of the Hope Bay Belt that may facilitate the identification, permitting and development of additional mining activities. The presence of existing infrastructure constructed or maintained for this Project would be of value to future projects.

1.2.2 Project Schedule

The Hope Bay Project integrates a series of the components and activities of four sites over the life of mine. Construction and operation activities on some sites are required to precede construction and operation on other sites. Similarly, closure and post-closure activities on some sites will start prior to the finish of operations on other sites. Overall, the schedule of the Phase 2 Project includes a four-year Construction phase (Year 1 to Year 4), concurrent with the initial part of the 14-year Operation phase (Year 1 to Year 14). Closure and reclamation activities begin in Year 14, and occur for four years in total. Post-closure activities are also staged, beginning in Year 16. Figure 2 illustrates the Project schedule for the various Phase 2 components.

1.2.3 Alternatives

The NIRB Guidelines require TMAC to provide a “go/no-go” analysis of the Phase 2 project, as well as to present alternative means of carrying out the project.

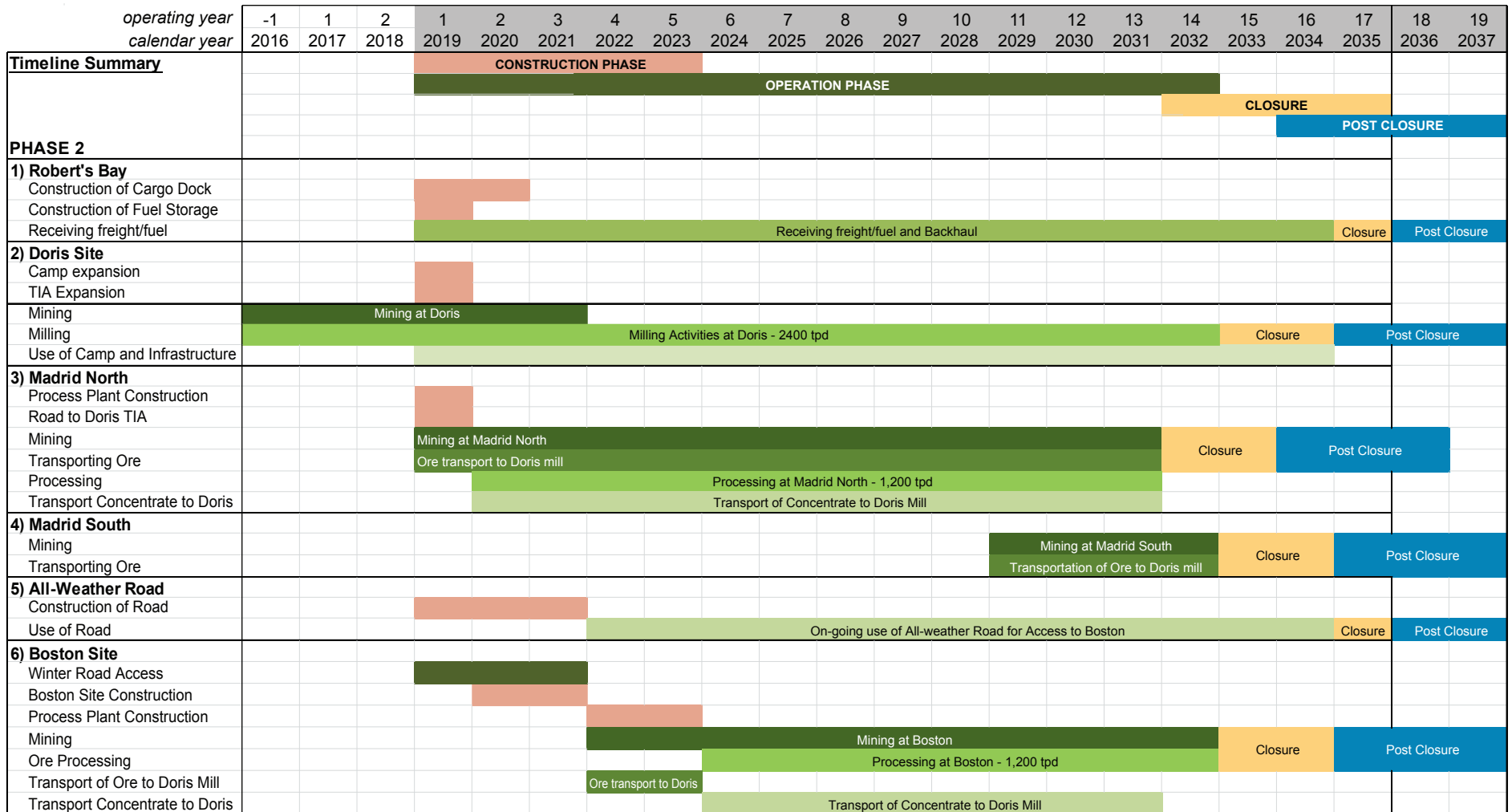
Go/No-Go

There are two possible outcomes for a go/no-go decision for the Phase 2 Project:

1. Proceed with the Phase 2 Project, as proposed within this Application.
2. Abandon the Phase 2 Project until such time that risks identified through analyses could be reduced or mitigated so as to enhance the Project feasibility.

TMAC believes that Phase 2 project is a viable project and should proceed to the benefit of all stakeholders including the KIA and NTI. This conclusion is based on the fact that Phase 2 represents a significant opportunity for the development of a new mining camp in the Canadian Arctic. The Hope Bay Property represents significant mineral exploration potential, and the Hope Bay Project assets are well advanced. Potential risks have been significantly diminished through expenditures both on- and off-site, including construction of on-site infrastructure. The development plan has been designed to minimize capital investment and build on the existing assets to generate cash flow that can sustain expansion and exploration.

Figure 2
Project Schedule



■ Construction Phase
■ Operation Phase
■ Closure
■ Post Closure

Predicted benefits of the Project to local communities include employment and economic benefits that support both lifestyles and pursuits of Inuit while providing the opportunity of continuing the integration of wage-based employment in Kitikmeot communities.

Alternative Means of Carrying Out the Project

The physical location of the deposits somewhat reduces the number of potential alternatives for the development of Phase 2 components. The development of each site requires a minimum amount of infrastructure such as mine portal, laydown areas, power supplies, fuel supplies, and, supporting facilities. The design for each site focuses on an efficient layout of infrastructure with a minimal footprint at each of the Project sites where mining occurs, and therefore, a wide range of options have been considered during the conceptual design phase in order to achieve an optimal layout of facilities at each sites.

Alternative means of executing the Phase 2 Project deal with the larger development of the Hope Bay Belt. Alternatives have been evaluated for the location of the cargo dock, access to the Boston Site via AWR and airstrip, surface mining methods versus underground mining methods, number and location of processing facilities, options for tailings management, and means by which to generate and supply power. Ultimately, the various alternatives were evaluated on the basis of technical and economic feasibility, environmental effects, reclamation potential, community acceptability, and socio-economic effects and benefits. TMAC believes that the project presented and assessed in the draft EIS is a thorough evaluation of the comprehensive and thorough proposal submitted by Newmont in December 2011.

1.2.4 Economic and Operating Environment

Employment Impacts

Over the total life-of-mine, the Phase 2 Project will generate an estimated 10,470 person-years of direct employment across Canada. This includes 2,307 person-years of direct employment associated with construction activities (6,685 person-years of total [direct, indirect, and induced] employment), and 8,162 person-years of direct employment (27,245 person-years of total employment) associated with mine operations. Employment will begin with an estimated 411 full-time equivalent (FTE) workers in Year 1, increasing to approximately 808 in Year 3, decreasing modestly for the next two years, and through the rest of the Operation phase, from between 824 to 865 FTE positions.

In Nunavut, 346 person-years of direct employment are predicted during Construction and 960 person-years of direct employment during Operation. All direct employment benefits in Nunavut are expected to be realised in the Kitikmeot Region during Operation, and the majority (90%) of Nunavut's employment benefits during Construction are also expected to be Kitikmeot-based. Table 1 summarizes the predicted economic impacts of the Phase 2 Project.

Local Hiring and Procurement

TMAC estimates that approximately 15% of the construction workforce and up to 30% of the operation workforce will be sourced from Nunavut. Employment opportunities will focus on hires from the Kitikmeot communities of Cambridge Bay, Kugluktuk, Gjoa Haven, Taloyoak, and Kugaaruk. Under the IIBA (March 2015), the top priority for hiring is for Inuit residents in the Kitikmeot Region.

Table 1. Predicted Economic Impacts

Economic Benefits	Construction (Year 1 to Year 4)			Operation (Year 5 to Year 14)		
	Canada	Nunavut	Kitikmeot	Canada	Nunavut	Kitikmeot
Total Employment (person-years) ¹	6,685	473	358	27,245	1,740	1,419
• Direct Employment (person-years)	2,307	346	312	8,162	960 (all in Kitikmeot)	
GDP (\$ million)	\$727.4	\$58.1	\$40.0	\$3,073.7	\$229.8	\$190.4
Tax Revenue (\$ million)	\$143.9	\$10.1	\$6.7	\$528.4	\$30.8	\$24.1
• Federal	\$81.2	\$6.5	\$4.5	\$286.4	\$18.6	\$9.3
• Provincial/Territorial	\$62.7	\$3.6	\$2.2	\$242.1	\$12.2	\$14.8
Labour Income (\$ million) ²	\$526.6	\$50.3	\$36.2	\$2,236.7	\$192.1	\$170.5
• Direct Employment Income	\$287.1	\$42.8	\$34.3	\$1,248.2	\$147.1 (all in Kitikmeot)	

Notes:

¹“Total Employment” estimates include direct, indirect, and induced employment generation.

²Labour income includes personal income benefits associated with direct, indirect, and induced employment opportunities.

Source: ERM, 2016. Hope Bay Project: Economic Impact Model Report.

TMAC is also committed to maximizing contracting opportunities for Kitikmeot Qualified Businesses. As outlined in the IIBA, Kitikmeot Qualified Business contracts represent contracts for goods and services only open to bids from Kitikmeot Qualified Businesses, whereas Open Contracts are for the provision of goods and services not provided by Kitikmeot Qualified Businesses. TMAC, in collaboration with the KIA and other appropriate agencies, will work to establish a bid preparation training program for Inuit business operators. Overtime TMAC believes that the Phase 2 project will help facilitate capacity building in the Kitikmeot and Nunavut which should assist with greater employment opportunities for future Nunavummiut.

Workforce Accommodation and Transportation

It is expected that the total workforce at the Hope Bay Project (construction and operation crews) will peak at up to 600 individuals. The Doris accommodation will be expanded to house 400 persons while a new 200-person accommodation will be constructed at Boston. Employees working at the Madrid sites will be housed at Doris.

The Project will be a fly-in/fly-out operation. Chartered flights between Edmonton/Yellowknife and the site will run four times per week, and will transport employees not based in Nunavut. Nunavut residents are to be transported from local communities through Cambridge Bay to site. All personnel will operate on a three-weeks-on/three-weeks-off basis.

1.2.5 Project Infrastructure and Activities

Existing Infrastructure

Existing (and/or approved) site infrastructure that will be in use for other operating/exploration projects and that may also be used to support Project construction activities includes: the Doris Site accommodations with capacity for up to 280 people; Doris airstrip; Roberts Bay offloading facility and road to Doris; and the Madrid North and Madrid South sites and access roads; and the accommodations and airstrip at Boston.

New and Expanded Infrastructure

The proximity of the Madrid area to the Doris Site, process plant, and TIA provides the opportunity for the Phase 2 Project to utilize existing infrastructure at Doris, thereby reducing costs and minimizing the footprint. Table 2 summarizes the planned new construction and/or expansion of existing infrastructure associated with Phase 2.

Table 2. New and Expanded Infrastructure

Location	Construction and/or Expansion Activities
Roberts Bay	• Construction of an off-loading cargo dock at Roberts Bay. • Construction of a 10 ML diesel tank farm (i.e., two 5 ML tanks). • Extension of service/access roads to cargo dock.
Doris Site	• Expansion of accommodations. • Expansion of the Doris Tailings Impoundment Area (TIA), to raise the south dam and construct the west dam.
Madrid North	• Completion of the Madrid North underground workings. • Incremental expansion of surface infrastructure at Madrid North to accommodate production mining, including the processing plant, power plant, laydown area, and, stockpile areas. • Construction of a 1,200 tpd processing plant and a power plant at Madrid North. • Construction of all-weather access road and tailings line from Madrid North to the south end of the Doris TIA. • Construction of maintenance facilities and other buildings required to support mining activities. • Construction of all other infrastructure necessary to support mining and milling activities at Madrid, including fuel storage, ore pad, waste rock pad, and contact water pond. • Construction of other infrastructure necessary to support ongoing exploration activities at both Madrid and Boston. • Development of quarries for construction and for use as backfill in the mine.
Madrid South	• Completion of the Madrid South underground workings. • Incremental expansion of surface infrastructure at Madrid South to accommodate production mining. • Construction of all infrastructure necessary to support mining activities at Madrid South including fuel storage, ore pad, waste rock pad, contact water pond. • Development of quarries for construction and for use as backfill in the mine.
All-Weather Road	• Construction of Madrid-Boston AWR linking Madrid and Boston sites, inclusive of all stream crossings along the road alignment. • Development of quarries for construction of the AWR.
Boston	• Construction of all-weather airstrip at Boston. • Construction of all infrastructure necessary to support mining and processing activities at Boston including construction of a new accommodation (200 beds) and associated support facilities (sewage treatment, incinerator, water supply), ore pad, waste rock pad, concentrator, and dry-stack tailings management area (TMA), laydown area, maintenance facilities, contact water ponds. • Construction of Boston Site processing plant. • Construction of a power plant and fuel tank farm. • Construction of a wastewater treatment plant including discharge outfall to Aimaokatalok Lake. • Other infrastructure necessary to support ongoing exploration activities at Boston.

Borrow Pits and Quarry Sites

The development and ongoing maintenance of Project facilities and infrastructure will require the development of quarries for aggregate sourcing. The Project design has identified all potential quarry sites and the quarry material is geochemically stable. Up to 5 Mt of quarried material will be required for Phase 2 Project construction.

Shipping and Transportation

Roberts Bay will receive all fuel, equipment and material required for Phase 2 Project construction and operation with the exception of special or timely items that will need to be flown in. During both phases, TMAC expects to receive up to three fuel shipments, and three to four cargo vessels (sealifts for materials, equipment, freight, and resupply) each open-water season.

Phase 2 will utilize a network of project site roads of roads. Speed limits will be enforced for safety purposes. Personnel will be transported on charter aircraft from Edmonton, Yellowknife, or Kitikmeot communities. Air freight service will utilize regular crew transports, as well as freight aircraft. A new 2,000 m-long airstrip will be established at the Boston Site. This airstrip is designed for aircraft such as Dash-8 and Boeing 737-200 and would also allow larger aircraft such as Hercules C-130. There is also an existing all-weather airstrip (and ice airstrip) at the Doris Site.

Madrid-Boston All-Weather Road

The Madrid-Boston All-Weather Road (AWR) will be a new facility constructed for the Phase 2 Project. The road is designed to be a single-lane road with turnouts to allow for passing. Haul trucks will be used to construct the road and will travel the road hauling ore and concentrate during the Operation phase.

Mining Methods

The Doris, Madrid, and Boston deposits will occur in permafrost and in non-permafrost conditions. In particular, the Madrid deposits are situated partially beneath lakes, and are therefore not entirely under permafrost conditions, whereas the Boston deposit is in permafrost conditions. The deposits will be accessed by ramp declines from the surface, and ramps will also be used to haul ore and waste from underground. Underground mining activities will incorporate several methods that address the geometry and anticipated ground conditions of the deposits.

Waste Rock and Tailings Management

The use of mining methods will generally minimize waste rock material brought to the surface, thereby reducing the potential for contact water at the surface, and minimizing blasting and fuel requirements for haulage out of the mine. Waste rock will be used as backfill prior to closure. Each of the mine sites includes a waste rock pile located as close as practicable to the mine portals. Waste rock generated by the Project has been characterized and does not pose a risk of acid drainage.

Ore Management and Mineral Processing

During Phase 2, ore stockpiles will be established at the Madrid North, Madrid South, and Boston sites. The existing Doris processing plant is operational and will continue to be used in Phase 2; the Doris ore stockpile will also continue to be used. Ore will be processed at Doris, Madrid North, and Boston sites; all ore mined at Madrid South will be hauled by truck to the Doris or Madrid North process plants. The Madrid North processing plant (1,200 tpd) and Boston processing plant (1,200 tpd) will produce concentrate that will be transported to Doris for gold extraction. Excess ore mined at Madrid North will also be transported to Doris for processing. It is expected that from Year 4 to Year 6, ore from the Boston Site will be trucked to Doris until the Boston processing plant is operational in Year 6.

Tailings Management

The tailings produced at the Madrid North processing plant will be pumped to the Doris TIA through a pipeline along an access road. Operation of the Doris TIA will continue as currently authorized. The tailings produced at the Boston processing plant will be dry-stacked at Boston.

Water Management

Water management for the Doris TIA follows the authorizations under the Type A Water Licence 2AMDOH1323. Water management will be modified so that the Doris TIA will receive all site surface and underground mine water that does not meet discharge criteria, including: water collected from Madrid contact water ponds; flotation tailings from ore processing and concentrate processing (all sites); and intercepted groundwater from the Madrid sites. Water that meets discharge criteria (set forth in the Type A Water Licence) will be discharged to Roberts Bay via the marine outfall. Concentrate tailings will be placed underground with waste rock.

The volume of water reclaimed from the Doris TIA will be maximized in order to minimize the need for freshwater make-up from Doris Lake. Domestic (potable) water for Doris Site will continue to be drawn from Windy Lake; industrial water will be drawn from Doris Lake. At Boston, domestic and industrial water will be drawn from Aimaokatalok Lake; wastewater, including mine contact water, will be reused, and treated wastewater will be discharged to Aimaokatalok Lake via an outfall. Treated domestic water at Boston will be discharged to the tundra.

Waste Management

Non-hazardous waste will be segregated and disposed of by incineration, landfill, or open burn. Domestic waste generated at Madrid will be trucked to Doris and integrated with the Doris waste stream for handling and disposal. A new incinerator and a landfill will be constructed at Boston.

The fully functional Boston accommodations will include a biological sewage and greywater treatment plant. Discharge of the treated effluent will be to the tundra or into Aimaokatalok Lake with other site discharges. The sludge will be incinerated or trucked underground for disposal with the backfill waste. There will not be accommodations at the Madrid North or South sites; black- and gray-water waste will be collected (via portable facilities) and transported for disposal at the Doris Site sewage treatment facility.

Utilities, Storage, and Auxiliary Services

The power load requirement for Phase 2 (mine, mill, and site-related facilities) will peak at approximately 85,000 MWh/yr. The existing Doris power plant has sufficient capacity to support the Doris Site. A dedicated power generation plant will be established at Madrid North (three 1.2 MW units) and Boston (eight 1.2-MW units with 725-KW standby generator). Power required at Madrid South will be supplied by generators (two 725-KW generators with one 350-KW emergency standby generator). Power lines connecting all sites will eventually ensure a more stable and efficient power network with wind power being explored as a means to supplement diesel power generation across the belt.

Diesel fuel will arrive at the Roberts Bay port and will be primarily stored at the tank farm at Roberts Bay (35 ML), with supplemental storage at the existing Doris tank farm (7.5 ML) and new tank farms at Madrid North (4.5 ML) and Boston (4.5 ML). Bulk fuel trucks will transport fuel between Roberts Bay and the sites. Explosives will be stored in authorized magazines; magazines are currently located at the Doris Site and smaller storage facilities will be established at the Boston Site. Hazardous materials (including reagents) will be transported, handled and stored in accordance with the requirements of the Transportation of Dangerous Goods Act; the primary reagent storage facilities are at the Doris Site. Hazardous waste will be removed from the site for authorized disposal.

The Hope Bay Project has limited access points due to the remote location. All persons entering and leaving the site are tracked and approved prior to boarding aircraft, and will be oriented to the site regulations and procedures. There is zero tolerance for alcohol or drug use at the site. Workers will be trained to identify and respond to fire hazards, and formal evacuation procedures will be maintained. An emergency response team will be trained and equipped to deal with emergencies.

1.2.6 Environmental Management

TMAC's Environmental Management System (EMS) is the high-level framework that enables the proper implementation of the Environmental Management Plans (EMPs). The list of EMPs also includes a series of socio-economic management plans to be updated as required. TMAC's commitment to environmental management is integrated through all levels of company. Overall, the EMS and associated EMPs provide the means by which TMAC will monitor, evaluate, and report on the performance of mitigation measures to manage potential adverse effects and enhance socio-economic benefits.

Specific EMPs are already in place for the previous phases of development of the Hope Bay Belt, and TMAC does not expect the core content of these plans to change significantly over the life of the Project. However, plans will be updated to respond to changes in regulations and reporting requirements, evolving organizational structure, monitoring information (i.e., adaptive management) and review of Phase 2 during the NIRB and NWB processes.

1.2.7 Closure and Reclamation

Most of the Hope Bay Project areas will be actively used during the Construction and Operation phases of the Project. However, where practicable, areas which are no longer needed to carry out Project activities will be progressively reclaimed.

A Phase 2 Closure and Reclamation Plan has been prepared and addresses three closure scenarios:

- **Short-term temporary mine closure** may occur if activities are suspended for a period of less than one year. The project will enter a Care and Maintenance phase, wherein equipment and facilities are maintained in a state of readiness to resume operation, while also maintaining appropriate environmental protection measures.
- **Long-term temporary mine closure** occurs when activities are suspended (in Care and Maintenance) for more than one year (e.g., due to prevailing economic conditions). In this scenario, TMAC will ensure that sites are maintained in a secure condition; all facilities and equipment are de-energized and winterized, and hazardous waste and explosives are removed from the site. Essential personnel (including environmental staff) will maintain site security and monitoring. A Long-term Care and Maintenance Plan would be submitted, and operations would resume when the influencing circumstances change.
- **Final mine closure** would involve full closure and reclamation activities as described in the Phase 2 Mine Closure and Reclamation Plan. This includes removal of site buildings and infrastructure. The Doris and Boston tailings facilities will be prepared for long-term closure, with reclamation and monitoring measures to ensure environmental integrity. The Boston airstrip and the Madrid-Boston AWR will remain in place as a permanent permafrost protection measure, although peripheral equipment (e.g., signposts) and water management infrastructure (e.g., drains, culverts, bridges) will be removed.

The site abandonment goal of the final closure activities is to return Project sites and affected areas to viable and, wherever practicable, self-sustaining ecosystems that are compatible with a healthy environment and with human activities. TMAC's closure principles, objectives and criteria have been developed to achieve this future land-use goal in as short a duration as reasonably practical. Post-closure monitoring will take place at the site until such time that the objectives of the closure and remediation activities have been met to the satisfaction of the regulatory authorities and all affected parties.

1.3 CONSULTATION AND ENGAGEMENT

Public Consultation and Engagement

TMAC is committed to public consultation and engagement. Public information and input has been achieved for the Phase 2 Project in a variety of ways, including community meetings and one-on-one meetings with hamlets, the KIA and NTI, and other groups, and wildlife workshop with local elders and harvesters. Outreach materials written in non-technical, accessible language have been circulated and translated into Inuktitut and Inuinnaqtun. Through the Phase 2 engagement program to date, Kitikmeot Inuit have provided local knowledge and raised questions and concerns regarding the Phase 2 Project.

Government Engagement

TMAC's government engagement efforts focus on providing review agencies with comprehensive information regarding the Phase 2 Project. Timelines and milestones are routinely communicated to review agencies so that they can more effectively plan their workloads and be sufficiently prepared to participate in the environmental assessment process. All Project-related correspondence with government agencies is copied to NIRB so that it becomes part of the public record.

In September 2016, TMAC invited representatives of the KIA and federal and territorial review agencies to tour the Hope Bay Project (including existing facilities and Phase 2 sites).

Traditional Knowledge

Traditional Knowledge (TK) is a term used to capture the knowledge held by Inuit of the land and wildlife, the Earth's natural processes, and of ways to ensure harmony and balance in life. TK studies provide a valuable way of documenting spatial and temporal patterns of hunting, harvesting, fishing, habitation, and travel in a given area. They can also provide detailed information on local ecological processes, socio-cultural patterns and institutions, spirituality, ethical, and other matters.

TMAC has considered TK in the Phase 2 Project design, baseline studies and assessment of Valued Ecosystem Components (VECs) and Valued Socio-Economic Components (VSECs), and development of mitigation and management plans. A significant amount of TK collected for the Project has been sourced from the Naonaiyaotit Traditional Knowledge Project (NTKP) database. The NTKP is the foundation for recorded and geo-referenced Inuit TK in the western Kitikmeot Region. The Project is located in an area that has seen considerable historic use by Inuit, as demonstrated by the large number of gathering places and travel routes identified in the RSA. This is likely due to the abundance of terrestrial, freshwater, and marine wildlife resources that have traditionally been found in the region and harvested by Inuit.

Of particular note, TK (and the broader body of Inuit knowledge known as *Inuit Qaujimajatuqangit*, or IQ) informed the wildlife studies of past and current trends in wildlife migration and potential disruptions to wildlife movements. Targeted workshops were held with local representatives to understand and discuss how other Project infrastructure such as roads can be built and operated in a way that minimizes potential impacts to wildlife.

1.4 ENVIRONMENTAL SETTING

1.4.1 Physical Setting

The climate in the Hope Bay Project area is one of extremes. There is relatively little precipitation, and temperatures stay below freezing for most of the year, reaching over 20 degrees for short periods

in the summer. Summer is a season of nearly constant light, while darkness, twilight, and extreme cold dominate winter.

Inuit have noted changes in climate trends (as recorded in a Naonaiyaotit Traditional Knowledge Project report), and their observations are supported by historical climate data collected over the last half a century. While predicting the effects of climate change is difficult, effects are believed to include higher temperatures and precipitation, which in turn may affect permafrost and snow depth.

Air quality in the Hope Bay Project area and elsewhere in Nunavut is generally of good quality, reflecting the low amount of air pollution from large human populations. Outside of the Hope Bay Project area, most air emissions are from the use of diesel generators, heaters, vehicles, snowmobiles, all-terrain vehicles and boats. Noise levels are generally low.

The Phase 2 Project is located on the Canadian Shield, a huge geological formation made up of ancient volcanic rock scraped level by glaciers. Exposed bedrock outcrops are common. Sediment deposited by glaciers and rivers have collected to form long, winding ridges known as eskers. Phase 2 is within the continuous permafrost region of western Nunavut, where a layer of soil and rock stays frozen year-round.

1.4.2 Biological Setting

Where rock outcrops, water and cliffs are absent on the landscape, trees and summer flowers are numerous and dense in the tundra of the Phase 2 Project area. Trees are short and stunted forms of dwarf birch, green alder, willow, and white and black spruce can be found in some areas. Sedge meadows and wetlands are common in low moist areas. More than 870 plant species grow in the Phase 2 Project area, including many species of lichens, mosses, and algae.

Terrestrial animals in the region include barren-ground caribou (of the Dolphin/Union, and Beverly herds), muskox, grizzly bear, wolverine, and grey wolves, as well as several species of raptor, waterfowl, and upland breeding birds. Caribou and caribou hunting are central to Inuit culture, identity, recreation, and kinship and are of economic importance to the Inuit and other residents of Nunavut.

Four species of cliff-nesting raptors (peregrine falcon, gyrfalcon, rough-legged hawk, and golden eagle) and three ground-nesting raptor species (snowy owl, short-eared owl, and northern harrier) may live in the area. Waterbird species in the Phase 2 Project area include geese, tundra swan, several species of ducks, gulls, Arctic tern, four species of loons, and sandhill crane.

A total of fourteen fish species are found in lakes, ponds, and streams in the Phase 2 Project area. The most common fish species is the Ninespine Stickleback, followed by Lake Trout, Arctic Char, Arctic Grayling, Slimy Sculpin, Lake Whitefish, Cisco, Least Cisco, Burbot, Broad Whitefish, Arctic Flounder, Fourhorn Sculpin, Greenland Cod, and Starry Flounder. The latter four species were captured at the downstream ends of outflows leading to Roberts Bay.

Marine fish species include Saffron Cod, Capelin, Arctic Flounder, Pacific Herring, Fourhorn Sculpin, Arctic Char, and Greenland Cod. Ringed seals are sometimes seen in Roberts Bay.

1.4.3 Human Setting

Social and economic conditions in Nunavut are unique within Canada and have changed significantly over the last 50 years. In the late 1950s and early 1960s, many people transitioned from a semi-nomadic hunter-gatherer existence to live in predominantly permanent or settled communities.

Following the collapse of pelt prices in the 1950s and a series of epidemics that killed many Inuit, the family allowance program was introduced in 1947 and became a primary source of income for many who had relocated to settlements. Previously, gathering among Inuit was seasonal and kinship-based, but the settlements gathered together a large number of Inuit from different kin groups.

Moving to a wage economy was disruptive to social roles within Inuit culture. Hunters, who had been the most highly respected leaders, started to take on employment, with varying degrees of success. Prestige became increasingly associated with what money could buy. In the settlements, economic inequality was common, and households cooperated with each other less frequently. Authority that used to belong to elders shifted to the government. Improved medical care and government payments contributed to an increase in birth rates.

The resulting social and economic conditions are not a matter of ‘old ways’ and ‘new ways’, but rather a blend created by Inuit to navigate their current realities and the continuously changing elements of social and economic life, forming the context within which the proposed Phase 2 Project might be developed and contribute to further social and economic change. Kitikmeot communities continue to face a number of social and economic challenges, such as high unemployment rates, low levels of education, and the need to improve health outcomes.

Nunavut is being explored for uranium, diamonds, gold and precious metals, base metals, iron, coal, and gemstones. Within the Kitikmeot region TMAC’s Doris mine is the only operating mine, but there are three advanced exploration projects and 14 active mineral exploration projects.

There are local and commercial land uses in the area. Commercial land use is minor, consisting of sport hunting, guide-outfitting and lodges, and tourism (e.g., nature tourism, recreation, and cruise ships). One lodge offers tourism activities (e.g., hiking, wildlife observation, and photography). Sport hunters and harvesters rely upon muskox, caribou, wolf, and wolverine. Land uses consist of hunting, trapping, fishing, camping and travel. Harvested game is used for personal consumption and shared throughout the community.

1.5 PROJECT INTERACTIONS AND EFFECTS

1.5.1 Valued Components

Valued Ecosystem Components (VECs) and Valued Socio-economic Components (VSECs) are, respectively, those components of the natural and human environment considered to be of scientific, ecological, economic, social, cultural, or heritage importance. Valued components for the Phase 2 Project were scoped through a process of public consultation, regulatory engagement, review of traditional knowledge, and recommendations included in the NIRB EIS guidelines; candidate VECs and VSECs were also considered in terms of their potential interaction with the Phase 2 Project.

Based on this information, TMAC identified the VECs, VSECs, and other Subjects of Note for the Phase 2 Project. Valued components are related to the atmospheric, terrestrial, freshwater, marine, and human environments, and are listed below by subject area.

The following sections and Tables 3 to 5 summarize the key findings of the EIS with reference to potential effects for each VEC and VSEC, proposed mitigation and management actions, residual effects, and the overall significance ratings of the predicted impacts.

Atmospheric Environment	Terrestrial Environment	Freshwater Environment	Marine Environment	Human Environment
• Ambient Air Quality • Noise and Vibration	• Vegetation • Special Landscape Features • Caribou • Grizzly Bear • Muskox • Furbearers • Raptors • Waterbirds • Upland Breeding Birds	• Surface Water Quantity • Water Quality • Sediment Quality • Fish Habitat • Fish Communities ▪ Arctic Grayling ▪ Lake Trout ▪ Arctic Char ▪ Cisco/Whitefish	• Water Quality • Sediment Quality • Fish Habitat • Fish Communities ▪ Arctic Char ▪ Saffron Cod • Ringed Seal • Marine Birds	• Archaeological Sites • Economic Development • Business Opportunities • Employment • Education and Training • Migration, Housing, and Infrastructure and Services • Community Health and Well-being • Commercial Lane and Resource Use • Traditional Activities and Knowledge • Human Health and Environmental Risk Assessment

1.5.1.1 Atmospheric Environment

Phase 2 Project activities such as vehicle use and power generation will produce air emissions, which have the potential to affect ambient air quality. However, as the Project is in a remote location far from the nearest community, it is unlikely that members of the public will be inside the affected area for any extended period of time.

The Phase 2 Project will emit greenhouse gas emissions throughout its lifetime due to power generation and vehicle use and other activities (for example, incinerating waste and use of explosives). These emissions will take place during the Construction and Operation phases. The estimated greenhouse gas emissions are comparable to other mine projects in Nunavut and Northwest Territories, but low in comparison to national and global greenhouse gas inventories.

1.5.1.2 Terrestrial Environment

Construction of the Phase 2 Project will involve clearing vegetation to build Project components. TMAC has designed the Project to avoid sensitive areas, protecting sensitive habitats wherever possible, and reducing the amount of dust Phase 2 activities deposit on plant life. At closure TMAC will reclaim the area ensuring that vegetation can naturally regenerate.

The Dolphin and Union (Island) caribou herd migrates across the sea ice between Victoria Island and the mainland in the spring and fall. Shipping will be conducted during the open water season to protect the migration of this herd.

Table 3. Summary of Atmospheric and Terrestrial Environment Residual Effects

Subject Area	VEC	Potential Effect(s)	Mitigation Measures	Residual Effect(s)	Significance Rating
Atmospheric Environment	Ambient Air Quality	Changes to ambient air quality	- A portion of the TIA will be subaqueous to help reduce fugitive dust emissions - Stacks with sufficient height to help reduce ground level air contaminants - Road and infrastructure optimization to reduce transportation and haul distances - Employee training and instruction relating to process control and air emissions - Waste recycling program to reduce incinerated waste - Emission control systems used on equipment, where applicable - Fuel efficient and low emission equipment use, where applicable - Regular equipment servicing and preventative maintenance - Dust suppressants applied to roads, stockpiles, TIA and TMA where needed - Road speed limit of 50 km/hr - Contour stockpiles and install engineering dust controls, where needed - Adaptive management through air quality monitoring - Stack testing and reporting, when applicable - Ongoing dust deposition and airborne particulate monitoring and reporting	Changes to ambient air quality	Not significant
	Noise and Vibration	- Effect on Humans - Effect on Wildlife	- Ensure equipment is fitted with appropriate mufflers and silencers; - Use enclosures, berms, acoustic screening and shrouding where stationary sources requiring control (noise reduction at the source) are identified. - Ensure equipment is well maintained. - House stationary high noise emitting sources in buildings. This will target fixed milling, power generation, processing, and material handling (i.e. crushing) infrastructure - Haul road designed to optimise the haulage route to avoid receptors, where feasible, and to minimise the distance travelled to reduce the overall noise generation	- Effect on Humans - Effect on Wildlife	Not Significant (see Terrestrial Wildlife VECs)

Subject Area	VEC	Potential Effect(s)	Mitigation Measures	Residual Effect(s)	Significance Rating
Vegetation and Special Landscape Features	Vegetation	• Loss of vegetation • Alteration of vegetation	• Minimize footprint of facilities • Avoidance of sensitive areas and rare plants during Project design • Minimize disturbance of vegetation, permafrost and soils outside of Project footprints • Limit dust production - dust suppressants on roads • Speed limits to reduce dust generation • Vehicles restricted to site roads and quarry footprints and ice roads • Minimize soil degradation (i.e., erosion) by establishing and implementing erosion control • Progressive reclaim unused disturbed areas where possible • Monitor water quality to meet discharge requirements • Adequate fill depths to ensure preservation of permafrost	• Loss of vegetation - None Predicted	Not significant -
	Special landscape features	• Loss of special landscape features • Alteration of special landscape features	• Avoidance of rare of sensitive areas and rare plants during Project design • Minimize disturbance of vegetation, permafrost and soils outside of Project footprints • Limit dust production - dust suppressants on roads • Speed limits to reduce dust generation • Vehicles restricted to site roads and quarry footprints and ice roads • Minimize soil degradation (i.e., erosion) by establishing and implementing erosion control • Progressive reclamation of unused disturbed areas where possible • Monitor water quality to meet discharge requirements • Adequate fill depths to ensure preservation of permafrost	• Loss of special landscape features - None Predicted	Not significant -

Subject Area	VEC	Potential Effect(s)	Mitigation Measures	Residual Effect(s)	Significance Rating
Terrestrial Wildlife and Wildlife Habitat	Dolphin and Union (Island) herd	- Habitat loss - Disturbance - Disruption of Movement - Attraction to the Project - Direct Mortality - Increased Access and Harvest - Changes in Environmental Media Quality	- Employee awareness / environmental induction program - Open water shipping only to avoid affecting ice while Dolphin and Union caribou migrate on the Dease Straight - Plan footprint to avoid sensitive wildlife areas - Minimize footprint of facilities - Limit dust production - dust suppressants on roads - Maintaining equipment to limit noise production - Surveys prior to blasts to limit disturbance if caribou present - Speed limits to minimize the chance of collisions with wildlife. - TMAC has a no hunting policy for all personnel while working on site. - Identify locations of road embankment along AWR that could be graded to facilitate crossing for wildlife. - Snow management on roads. - Helicopters to avoid caribou by at least 300 m vertically and 600 m horizontally where safe to do so. - Fixed-wing aircraft to maintain a minimum of 610 m elevation except when landing or taking off where safe to do so.	- Habitat loss - Disturbance	Not significant
	Beverly/Ahiak herd	- Habitat loss - Disturbance - Disruption of Movement - Attraction to the Project - Direct Mortality - Increased Access and Harvest - Changes in Environmental Media Quality	- Employee awareness / environmental induction program - Plan footprint to avoid sensitive wildlife areas - Minimize footprint of facilities - Limit dust production - dust suppressants on roads - Maintaining equipment to limit noise production - Surveys prior to blasts to limit disturbance if caribou present - Speed limits to minimize the chance of collisions with wildlife. TMAC has a no hunting policy for all personnel while working on site. - Identify locations of road embankment along AWR that could be graded to facilitate crossing for wildlife. - Snow management on roads. - Helicopters to avoid caribou by at least 300 m vertically and 600 m horizontally where safe to do so. - Fixed-wing aircraft to maintain a minimum of 610 m elevation except when landing or taking off where safe to do so.	- Habitat loss - Disturbance	Not significant

Subject Area	VEC	Potential Effect(s)	Mitigation Measures	Residual Effect(s)	Significance Rating
Terrestrial Wildlife and Wildlife Habitat (cont'd)	Muskox	- Habitat loss - Disturbance - Disruption of Movement - Attraction to the Project - Direct Mortality - Increased Access and Harvest - Changes in Environmental Media Quality	- Employee awareness / environmental induction program - Plan footprint to avoid sensitive wildlife areas - Minimize footprint of facilities - Limit dust production - dust suppressants on roads - Maintaining equipment to limit noise production - Surveys prior to blasts to limit disturbance if muskox present - Speed limits to minimize the chance of collisions with wildlife. - TMAC has a no hunting policy for all personnel while working on site. - Identify locations of road embankment along AWR that could be graded to facilitate crossing for wildlife. - Snow management on roads. - Helicopters to avoid caribou by at least 300 m vertically and 600 m horizontally where safe to do so. - Fixed-wing aircraft to maintain a minimum of 610 m elevation except when landing or taking off where safe to do so.	- Habitat loss - Disturbance	Not significant
	Grizzly Bear	- Habitat loss - Disturbance - Disruption of Movement - Attraction to the Project - Direct Mortality - Increased Access and Harvest - Changes in Environmental Media Quality	- Employee awareness / environmental induction program - Plan footprint to avoid sensitive wildlife areas - Minimize footprint of facilities - Limit dust production - dust suppressants on roads - Maintaining equipment to limit noise production - Surveys prior to blasts to limit disturbance if bears present - Speed limits to minimize the chance of collisions with wildlife. - TMAC has a no hunting policy for all personnel while working on site. - Identify locations of road embankment along AWR that could be graded to facilitate crossing for wildlife. - Snow management on roads. - Helicopters to avoid caribou by at least 300 m vertically and 600 m horizontally where safe to do so. - Fixed-wing aircraft to maintain a minimum of 610 m elevation except when landing or taking off where safe to do so. - Waste management, camp hygiene along with employee education will limit the attractiveness of the Project for bears.	- Habitat loss - Attraction to the Project	Not significant

Subject Area	VEC	Potential Effect(s)	Mitigation Measures	Residual Effect(s)	Significance Rating
Terrestrial Wildlife and Wildlife Habitat (cont'd)	Furbearers (Wolverine)	- Habitat loss - Disturbance - Disruption of Movement - Attraction to the Project - Direct Mortality - Increased Access and Harvest - Changes in Environmental Media Quality	- Employee awareness / environmental induction program - Plan footprint to avoid sensitive wildlife areas - Minimize footprint of facilities - Limit dust production - dust suppressants on roads - Maintaining equipment to limit noise production - Speed limits to minimize the chance of collisions with wildlife. - TMAC has a no hunting policy for all personnel while working on site. - Identify locations of road embankment along AWR that could be graded to facilitate crossing for wildlife. - Snow management on roads. - Helicopters to avoid caribou by at least 300 m vertically and 600 m horizontally where safe to do so. - Fixed-wing aircraft to maintain a minimum of 610 m elevation except when landing or taking off where safe to do so. Waste management, camp hygiene along with employee education will limit the attractiveness of the Project for furbearers	- Habitat loss - Attraction to the Project	Not significant
	Raptors	- Habitat loss - Disturbance - Attraction to the Project - Direct Mortality - Changes in Environmental Media Quality	- Employee awareness / environmental induction program - Minimize footprint of facilities - Clearing and construction at sensitive locations for ground-nesting raptors to occur outside of the sensitive time periods (breeding period) or to be accompanied by nest survey during sensitive periods; - Avoidance of known nests or nesting areas, where possible	- Habitat loss - Disturbance	Not significant

Subject Area	VEC	Potential Effect(s)	Mitigation Measures	Residual Effect(s)	Significance Rating
Terrestrial Wildlife and Wildlife Habitat (cont'd)	Waterbirds	- Habitat loss - Disturbance - Attraction to the Project - Direct Mortality - Increased Access and Harvest - Changes in Environmental Media Quality	- Employee awareness / environmental induction program - Minimize footprint of facilities - Conduct ground clearing outside of sensitive nesting periods for waterbirds or conduct pre clearing surveys for waterbirds if construction cannot be scheduled outside of sensitive periods policies that prohibit hunting on site, littering, and feeding wildlife; - Speed limits, giving wildlife the right of way, and dust control on roads; - Avoidance of areas of large concentrations of foraging or moulting birds - Avoidance of known nests or nesting areas	- Habitat loss - Disturbance	Not significant
	Upland Birds	- Habitat loss - Disturbance - Attraction to the Project - Direct Mortality - Increased Access and Harvest - Changes in Environmental Media Quality	- Employee awareness / environmental induction program - Minimize footprint of facilities - Conducting ground clearing outside of sensitive nesting periods for upland birds or conduct pre clearing surveys for upland breeding birds if construction cannot be scheduled outside of sensitive periods. - Ensure that waste management facilities and Project buildings are wildlife-proof - policies that prohibit hunting on site, littering, and feeding wildlife; - Speed limits, giving wildlife the right of way, and dust control on roads; - Avoidance of known nests or nesting areas	- Habitat loss - Disturbance	Not significant

Table 4. Summary of Freshwater and Marine Environment Residual Effects

Subject Area	VEC	Potential Effect(s)	Mitigation Measures	Residual Effect(s)	Significance Rating
Surface hydrology	Surface water quantity	• Alteration of Streamflow at Doris Watershed • Alteration of Streamflow at Windy Watershed • Alteration of Streamflow at Aimaokatalok Watershed	• Using existing infrastructure, and minimizing footprint and contact water • Recycling and reusing contact water • Following permit conditions for water withdrawals • Contact water storage facilities designed for high flows • Incorporation of climate change in design flows • Implementation of erosion control measures • Adherence regulatory requirements for culvert maintenance and in-water work • Monitoring ponds and the TIA • Using groundwater to reduce fresh water consumption	• Alteration of streamflow in Doris Watershed • Alteration of streamflow in Windy Watershed • Alteration of streamflow in Aimaokatalok Watershed	Not significant
Freshwater Water Quality	Surface water quality	• Site Preparation, Construction, and Decommissioning • Site and Mine Contact Water • Water Use • Quarries and Borrow Pits • Explosives • Fuels, Oils, and PAH • Treated Sewage Discharge • Dust Deposition	• Use existing infrastructure for Doris Project and minimize footprint of Phase 2 infrastructure • Build on competent bedrock and use geochemically stable rock for roads, pads, and structures • Recycle site and mine water • Adhere to Federal and Territorial standards for emissions, in-water works, explosives, and receiving water criteria • Follow BMPs outlined in site management plans, including the Phase 2 Aquatic Effects Monitoring Plan (AEMP) • Treat sewage and mine water as appropriate and discharge to tundra or waterbodies as required by regulations and permits • Implement sediment and erosion control measures to reduce over-land water flow and direct water to management structures • Store fuels and petroleum in secondary containment systems with appropriate spill contingencies in place • Regular inspections of management structures and adherence to site surveillance plans as directed by Water Licences.	• Site Preparation, Construction, and Decommissioning • Site and Mine Contact Water • Explosives	Not Significant

Subject Area	VEC	Potential Effect(s)	Mitigation Measures	Residual Effect(s)	Significance Rating
Freshwater Sediment Quality	Sediment quality	• Site Preparation, Construction, and Decommissioning • Site and Mine Contact Water • Quarries and Borrow Pits • Explosives • Fuels, Oils, and PAH • Treated Sewage Discharge • Dust Deposition	• Same as Freshwater Water Quality	• Site Preparation, Construction, and Decommissioning • Site and Mine Contact Water	Not Significant
Freshwater Fish	Fish habitat	• Habitat loss or alteration • Changes in freshwater water quality and/or sediment quality	• DFO's Measures to Avoid Causing Harm to Fish and Fish Habitat • Restricted Activity Timing Windows • Management plans including Environmental Protection Plan • Infrastructure sited to avoid fish-bearing habitat where possible • Infrastructure design minimizes footprint and avoids critical freshwater fish habitat • Designing crossing structures to maintain fish passage at water crossings along all-weather roads • Limiting water withdrawal by recycling water, limiting groundwater inflows, and returning compliant effluent to waterbodies from which they were withdrawn • Offsetting as deemed necessary and approved by DFO • See Freshwater Water Quality and Freshwater Sediment Quality	None predicted None predicted	- -

Subject Area	VEC	Potential Effect(s)	Mitigation Measures	Residual Effect(s)	Significance Rating
Freshwater Fish (<i>cont'd</i>)	Fish community: Arctic Grayling	• Direct mortality and population abundance	• DFO's measures to avoid causing harm to fish and fish habitat • Restricted Activity Timing Windows • Screening water intakes and discharge pipes to avoid entrainment or impingement of fish • Noise and vibration thresholds for blasting activities	None predicted	-
		• Changes in freshwater water quality and/or sediment quality	• See Freshwater Water Quality and Freshwater Sediment Quality	None predicted	-
	Fish community: Lake Trout	• Direct mortality and population abundance	• DFO's measures to avoid causing harm to fish and fish habitat • Restricted Activity Timing Windows • Screening water intakes and discharge pipes to avoid entrainment or impingement of fish • Noise and vibration thresholds for blasting activities	None predicted	-
		• Changes in freshwater water quality and/or sediment quality	• See Freshwater Water Quality and Freshwater Sediment Quality	None predicted	-
	Fish community: Arctic Char (freshwater life history)	• Direct mortality and population abundance	• DFO's measures to avoid causing harm to fish and fish habitat • Restricted Activity Timing Windows • Screening water intakes and discharge pipes to avoid entrainment or impingement of fish • Noise and vibration thresholds for blasting activities	None predicted	-
		• Changes in freshwater water quality and/or sediment quality	• See Freshwater Water Quality and Freshwater Sediment Quality	None predicted	-
	Fish community: Cisco/ Whitefish (freshwater life histories)	• Direct mortality and population abundance	• DFO's measures to avoid causing harm to fish and fish habitat • Restricted Activity Timing Windows • Screening water intakes and discharge pipes to avoid entrainment or impingement of fish • Noise and vibration thresholds for blasting activities	None predicted	-

Subject Area	VEC	Potential Effect(s)	Mitigation Measures	Residual Effect(s)	Significance Rating
Freshwater Fish (<i>cont'd</i>)		Changes in freshwater water quality and/or sediment quality	See Freshwater Water Quality and Freshwater Sediment Quality	None predicted	-
Marine Water Quality	Marine water quality	- Shipping - Site Preparation, Construction, and Decommissioning - Site Contact Water - Fuels, Oils, and PAH - Discharge - Dust Deposition	- Use existing infrastructure for Doris Project and minimize footprint of Phase 2 infrastructure - Build on competent bedrock and use geochemically stable rock for roads, pads, and structures - Discharge TIA to Roberts Bay mainly during open-water season where feasible - Discharge buoyant TIA and groundwater to Roberts Bay - Adhere to Federal and Territorial standards for emissions, in-water works, explosives, and receiving water criteria - Follow BMPs outlined in site management plans - Implement sediment and erosion control measures to reduce over-land water flow and direct water to management structures - Use silt curtains as appropriate to reduce turbidity from in-water works - Monitor marine environment through Metal Mining Effluent Regulations and Environmental Effects Monitoring therein. - Follow mitigation, management, monitoring procedures as outlined in Fisheries Authorizations and permits. - Store fuels and petroleum in secondary containment systems with appropriate spill contingencies in place - Regular inspections of management structures.	- Shipping - Site Preparation, Construction, and Decommissioning - Site Contact Water - Discharge	Not Significant
Marine Sediment Quality	Marine sediment quality	- Shipping - Site Preparation, Construction, and Decommissioning - Site Contact Water - Fuels, Oils, and PAH - Discharge - Dust Deposition	Same as Marine Water Quality	- Shipping - Site Preparation, Construction, and Decommissioning	Not Significant

Subject Area	VEC	Potential Effect(s)	Mitigation Measures	Residual Effect(s)	Significance Rating
Marine Fish	Fish Habitat	- Habitat loss or alteration - Changes to marine water quality and marine sediment quality	- DFO's measures to avoid causing harm to fish and fish habitat - Infrastructure design minimizes footprint area and avoids critical marine fish habitat - Restricted Activity Timing Windows - Management plans including Environmental Protection Plan - Offsetting as deemed necessary and approved by DFO - Use of vibratory hammer during dock construction - Minimize vessel speeds in Robert's Bay - See Marine Water Quality and Marine Sediment Quality	None predicted None predicted	- -
	Fish community: Arctic Char (anadromous life history)	- Direct mortality and population abundance - Changes to marine water quality and marine sediment quality	- DFO's measures to avoid causing harm to fish and fish habitat - Blasting and noise thresholds and associated monitoring - Use of turbidity curtains during in-water works - Site management plans including Environmental Protection Plan - See Marine Water Quality and Marine Sediment Quality	None predicted None predicted	- -
	Fish community: Saffron Cod	- Direct mortality and population abundance - Change in marine water quality and marine sediment quality	- DFO's measures to avoid causing harm to fish and fish habitat - Blasting and noise thresholds and associated monitoring - Use of turbidity curtains during in-water works - Site management plans including Environmental Protection Plan - See Marine Water Quality and Marine Sediment Quality	None predicted	-

Subject Area	VEC	Potential Effect(s)	Mitigation Measures	Residual Effect(s)	Significance Rating
Marine Wildlife	Ringed seal	Habitat loss	- Infrastructure design minimized footprint in marine habitat and avoided marine mammal haul-outs - Open-water season shipping only (no winter shipping)	None predicted	-
		Disturbance	- Marine Mammal Observer Program in 200 m safety zone - Stop pile driving if marine mammals inside safety zone - Use of vibratory pile driving instead of impact pile driving where possible - Acoustic monitoring of pile driving activity - Establish underwater noise thresholds for piling activities with additional measures triggered if thresholds exceeded - Establish Soft Start Procedures for pile driving	None predicted	-
		Direct mortality	- Speed limit on the Roberts Bay facility in case ringed seals haul out - Wastes managed to avoid introduction to marine environment - BMPs to manage fuels, hazardous materials, and respond to spills	None predicted	-
	Marine birds	Habitat loss	Infrastructure design minimized footprint in marine habitat	None predicted	-
		Disturbance	- Vessels will avoid the large marine bird colony on Prince Leopold Island by 25 km, vessel safety permitting - Vessels will avoid known bird colonies by at least 500 m, vessel safety permitting - Vessels will monitor for large groups of marine birds and avoid, vessel safety permitting	None predicted	-
		Direct mortality	- Ships will avoid the large marine bird colony on Prince Leopold Island by 25 km, vessel safety permitting - Ships will avoid other marine bird colonies by 500 m - Airstrips monitored prior to take-off and landings - Speed limit will be set on Project roads. - Wildlife given the right-of-way on all roads - Best management practices will be used to manage fuels, hazardous materials to prevent spills, and to contain and clean up any spills that may occur in the marine environment	None predicted	-

Table 5. Summary of Human Environment Residual Effects

Subject Area	VEC	Potential Effect(s)	Mitigation Measures	Residual Effect(s)	Significance Rating
Archaeology	Archaeological sites	• loss of recorded archaeological sites	- Detailed recording of surface site content - Consideration of avoidance during project design - Consideration of protection strategies - Periodic monitoring of specific sites - Orientation of field personnel - Implementation of operational procedures	• Effect on recorded archaeological sites	Not Significant
		• loss of unrecorded archaeological sites	- Thorough surveys before disturbance - Research of TK and other data bases of past cultural information - Surveillance during short term disturbance activities in high archaeological potential areas - Orientation of field personnel - Implementation of operational procedures	• Effect on unrecorded archaeological sites	Not Significant
		• Effect on cultural information content of sites	- Research of TK and other data bases of past cultural information - Orientation of field personnel - Careful recovery of cultural information from sites that cannot be avoided - Preservation of collected data in museum	• Gain of cultural information content of sites	Not Significant
Socio-economics	Economic Development	• Changes to economic growth	• Monetary contributions to Inuit associations as defined by the new Framework Agreement and IIBA with the KIA	None predicted	Not Significant
	Business Opportunities	• Changes to local business growth	- IIBA with provisions for promotion of Inuit content in procurement, including requirement to engage Kitikmeot Qualified Businesses and establishment, under certain conditions, of a Business Development Fund - TMAC Liaison to help maximize Kitikmeot Qualified Business procurement by identifying businesses interested in procurement opportunities - Provide assistance, feedback, information and lead time to contractors from the Kitikmeot communities on bids and bidding policies - Require and monitor local content plans on major bids - Provide annual business opportunities forecast - Promote awareness of procurement opportunities within the Kitikmeot Region	None predicted	Not Significant

Subject Area	VEC	Potential Effect(s)	Mitigation Measures	Residual Effect(s)	Significance Rating
Socio-economics (cont'd)	Employment	• Changes to employment opportunities and income • Changes to labour force capacity • Competition for local labour	• IIBA with provisions for annual Inuit employment targets, first opportunity to resident Kitikmeot Inuit for employment, followed by non-resident Inuit • build cultural awareness and enforce harassment policies • promote awareness of employment opportunities within Kitikmeot communities • develop and implement a Human Resource Strategy • develop and implement a Workforce Transition Plan for Closure	• Changes to employment opportunities and income • Competition for local labour	Not Significant
	Education and Training	• Changes to the demand for education and training programs • Changes in perceptions of education and employment	• IIBA with provisions for annual and long-term Inuit training targets, and establishment and administration of a Training and Education Fund • collaborate with the KIA, government and training organizations • development of a Human Resource Strategy that addresses training and education • Career Development Plans for Inuit employees • Community Information and Career Awareness Sessions in the Kitikmeot	None predicted	-
	Migration, Housing, and Infrastructure and Services	• In-migration to the Kitikmeot Region • Changes to the demand for housing • Changes to the demand for local services	• Multiple points of hire and transportation for Inuit employees, who are residents of Kitikmeot communities, to and from the point of hire and the Project site • Ongoing engagement with communities as defined by the Community Involvement Plan	None predicted	-
	Community Health and Well-being	• Changes to family stability • Changes to family spending • Changes to food security and cost of living	• IIBA with provisions for Employee and Family Assistance Program (EFAP); serving country foods on site; maintaining a drug and alcohol policy which includes “zero tolerance”; providing on-site access to communications facilities to allow communication between Inuit employees and their spouses and families; and providing country food kitchens and cultural activities at the Project as determined by the Implementation Committee • TMAC Liaison to identify employee counselling needs as appropriate; develop on-going consultation with Inuit employees to identify their needs, issues and concerns; and assist in identifying and developing wellness initiatives	• Changes to family stability • Changes to family spending	Not significant

Subject Area	VEC	Potential Effect(s)	Mitigation Measures	Residual Effect(s)	Significance Rating
Land Use	Commercial Land and Resource Use	• Change in access to land and resources • Change in harvesting success/ harvesting practice • Change in experience of nature	• Plan footprint to avoid sensitive wildlife areas • Minimize footprint of facilities • Speed limits which will minimize the chance of collisions with wildlife. • TMAC has a no hunting policy for all personnel while working on site. • Confine the areas where noise-generating activities occur to avoid disturbance where possible • Construct roads without continuous berms to allow for the easy passage of people and wildlife • Implementation of the Inuit Impact Benefits Agreement (IIBA) with the KIA, which includes, amongst other provision, access to Project facilities and roads • Allowing land users to safely cross project areas • Establishment of an Inuit Environmental Advisory Committee • Implementation of a Community Involvement Plan that includes mechanisms for engagement with community members.	None predicted	-
	Traditional Activities and Knowledge	• Change in access to land and resources • Change in harvesting success/ harvesting practice • Change in experience of nature	• Plan footprint to avoid sensitive wildlife areas • Minimize footprint of facilities • TMAC has a no hunting policy for all personnel while working on site. • Confine the areas where noise-generating activities occur where possible. • Construct roads without continuous berms to allow for the easy passage of people and wildlife • Implementation of the Inuit Impact Benefits Agreement (IIBA) with the KIA, which includes, amongst other provision, access to Project facilities and roads • Allowing land users to safely cross project areas • Establishment of an Inuit Environmental Advisory Committee • Implementation of a Community Involvement Plan that includes mechanisms for engagement with community members.	• Change in harvesting practice	Not significant

The Project does not overlap with caribou calving or post-calving areas, and occupies about two one-hundredths of a percent of the Dolphin and Union herd's winter range and about one one-hundredth of a percent the Beverly/Ahiak herd's summer range. TMAC has designed the Phase 2 Project to occupy the smallest possible area and designed infrastructure to avoid important areas for caribou such as migratory paths, freshwater crossings, eskers and upland areas used for insect and heat relief. TMAC will pause blasting when caribou are near quarries, instruct pilots to respect minimum flight heights described in the Project Certificate (when safe to do so), enforce speed limits, give all wildlife the right-of-way on roads, control dust, and incinerate all kitchen waste so as not to attract wildlife. The Phase 2 Project will have a strict no-hunting policy for workers when on site.

Overall, Phase 2 is expected to occupy less than a hundredth of a percent of good-quality grizzly bear home range. Studies show that the bears do not avoid mining projects in the Arctic and the grizzly bear population surrounding the Ekati and Diavik mines in the Northwest Territories is stable or increasing. Thus, grizzly bear populations are not predicted to be disturbed by Phase 2 Project activities. TMAC will discourage grizzly bears from being attracted to the Project site by managing waste, keeping camps clean, bear-proofing facilities, having a policy against feeding wildlife, and a bear management protocol.

The same measures TMAC plans to use to protect caribou and grizzly bear—such as blasting restrictions, a no-hunting policy, roadway speed limits, and wildlife right-of-way—will also protect muskox, wolverine, and grey wolf.

The layout of the Phase 2 Project has been designed to avoid raptor nests. A single nest, in a rough-legged hawk territory with multiple nests, is found adjacent to Project facilities, and it is predicted that this pair may use a different nest location in their territory if disturbed by Project activities. Some Arctic mining projects have reported that the rock walls of open pits attract raptors to nest, but this has not been observed in the Doris Project's quarries. The abundant natural nesting sites, along with monitoring and management of quarries will limit raptors use of quarries.

Migratory birds include waterbirds and upland breeding birds (songbirds). Loss of active nests will be avoided by constructing new infrastructure outside of the breeding period, or conducting surveys and setting buffers around nests if construction occurs in the summer. Speed limits on roads will also reduce the risk of vehicle strikes on birds.

Water quality and dust will be controlled. Fuels and hazardous chemicals will be strictly managed and any spills will be cleaned up immediately.

TMAC's design for the Phase 2 Project, together with its mitigation and management measures, will prevent significant effects to Terrestrial Wildlife and Wildlife Habitat.

1.5.1.3 Freshwater Environment

TMAC plans to use a number of methods to reduce the Project's potential effects on water quality, freshwater fish communities, and fish habitat.

The Project will use the minimum water necessary, and TMAC will test and treat all water before releasing it back to the environment. Sewage treatment facilities will ensure that all discharged water meets or exceeds established limits made by the Nunavut Water Board, Fisheries and Oceans Canada, and Environment and Climate Change Canada. Water that comes into contact with fuel storage and maintenance facility areas, and wastewater from truck maintenance facilities, will meet established standards before being released.

The Project's potential to generate acidic drainage from waste rock, ore stockpiles, or quarries is low, and management plans will ensure that any water that doesn't meet limits set in the water licence is not discharged to the environment.

Fish habitat will be protected during the construction of water crossings according to standards developed by Fisheries and Oceans Canada. TMAC has designed the Project to avoid fish habitat to the extent possible. Where fish habitat cannot be avoided, the loss of habitat will be offset through a plan agreeable to Fisheries and Oceans Canada. The Kitikmeot Inuit Association and members of the public will be engaged throughout the process and have opportunities to provide input into this process.

TMAC's design for the Phase 2 Project, together with its mitigation and management measures, will prevent significant effects to the Freshwater Environment.

1.5.1.4 *Marine Environment*

Fuel transfers in Roberts Bay will meet Transport Canada regulations. The discharge from the tailings impoundment area into Roberts Bay will need to meet the metal mine effluent regulations imposed by Environment and Climate Change Canada, similar to all mines in Canada. In addition, TMAC will be required to monitor the environment in Roberts Bay to ensure that the discharge is not having an impact on aquatic life.

For the construction of the cargo dock in Roberts Bay, TMAC will limit impacts to marine fish using Fisheries and Oceans Canada's measures to avoid harm to fish and fish habitat, in addition to other measures to minimize noise, pressure, and vibration (for example, from pile driving, blasting, or shipping). Work in marine waters will be done during times that pose the least risk to fish, and the area disturbed as part of the marine cargo dock will be minimized to the extent possible. For the remaining habitat losses, offsetting will allow for fisheries productivity to remain stable or be enhanced over time.

Surveys indicate that there are no places for ringed seals to haul out (or rest on the shore or ice) during the summer in Roberts Bay. In winter, the density of breathing holes in the ice in Roberts Bay and adjoining Melville Sound is much lower than in Bathurst Inlet, probably because ringed seals prefer to avoid land-based predators such as grizzly bears and wolverine. Robert's Bay will receive fuel and supplies by vessels only in the open-water season, outside of the periods when ringed seals and caribou are using the ice.

The closest seabird colonies to the Phase 2 Project are on small islands and bays in northern Bathurst Inlet and Elu Inlet at the east end of Melville Sound. No large seabird colonies have been found in Roberts Bay or along the shipping route in Melville Sound. Seabirds nest on small islands in Melville Sound, but seabird density on the mainland shore is low. Because of the small size of the existing Roberts Bay facility and proposed new Project facilities, as well as the low numbers of birds nesting on the mainland shore, the Project's effects on seabirds are anticipated to be low.

TMAC's design for the Phase 2 Project, together with its mitigation and management measures, will prevent significant effects to the Marine Environment.

1.5.1.5 *Human Environment*

Approximately 50 archaeological sites are known to be present in the area of the Phase 2 Project. TMAC plans to prevent impacts to sites by screening areas before starting any Project activity and educating field personnel on how to identify archaeological sites, as well as the correct procedures to follow if they unexpectedly discover one. Once a new site is identified, TMAC will create a protective buffer zone around the site. If archaeological sites cannot be avoided by the footprint of the Phase 2

Project, the site will be mitigated; this means that a permit needs to be obtained from the Government of Nunavut, all information from the site needs to be documented, and artifacts are catalogued and preserved for future generations of Nunavummiut. Although the site is removed, it is thought that the information collected and preserved is of great cultural importance. No significant impacts to archaeological resources are expected to occur from Phase 2. Further, the Hope Bay Project has contributed to the knowledge base providing insight into past land use and livelihoods.

The Phase 2 Project is expected to have beneficial effects on economic growth and development through contributions to Canada's Gross Domestic Product and to federal and provincial government tax revenues. These effects are expected to be felt in the local area, the region, Nunavut, and Canada during the Construction and Operation phases. The Project has the potential to contribute to the economy of the Kitikmeot in a positive and meaningful way, making it able to support diverse development types. Local business capacity will be increased through contracts to Kitikmeot Qualified Businesses as well as other Inuit and non-Inuit businesses in the Kitikmeot region. The Project will increase employment and income levels across the Kitikmeot region and Nunavut, as well as elsewhere in Canada.

The Phase 2 Project has the potential to cause greater competition for workers with higher, more specialized skills; however, this effect is not expected to be widespread. While on-the-job training will be provided, demand for local education and training programs is expected to increase. The partnerships that have been established between industry, the Kitikmeot Inuit Association, the other institutions to provide education and training programs will be critical to the TMAC's ability to meet these training needs.

The Phase 2 Project is predicted to result in changes to family spending and changes to family stability associated with the influence of increased household incomes and the change in family roles and relationships associated with Project work. TMAC has identified ways to enhance the positive and reduce the negative impacts associated with these changes. For example, communications facilities to help maintain connections between employees and their families will also be available on site. In addition, a TMAC liaison will be responsible for ongoing consultation with Inuit employees to identify specific employee needs and provide support for any issues that arise.

It is anticipated that Phase 2 will create significant positive effects for people in the Kitikmeot region and that positive and negative effects can be managed by TMAC and mandates of local governments. Phase 2 will extend the life of the Project further providing opportunities for capacity building in communities beyond the approximate six year life of Project currently permitted. The Inuit Impact and Benefit Agreement with the Kitikmeot Inuit Association will help ensure that the Project benefits Inuit.

A human health and environmental risk assessments was completed for the Project, and involved the comprehensive and systematic processes designed to identify, analyze, and evaluate the effects of the Project on environmental and human health. Baseline studies reviewed the existing levels of contaminants and noise in the local and regional study areas of the Project to establish a benchmark for evaluating the potential future effects of the Project and to characterize pre-disturbance conditions for the purpose of reclamation activities.

As part of the human health and environmental risk assessments, data were reviewed for air quality; water quality and sediment quality (freshwater and marine); fish and aquatic habitat (freshwater and marine); terrestrial and marine wildlife; soil and vegetation; country foods; and noise. The assessments examined existing and predicted contaminant levels and various potential pathways of exposure. For all factors assessed, the Project would not contribute negatively to overall human health and environment health.

1.6 ACCIDENTS AND MALFUNCTIONS

TMAC is committed to protecting the health and safety of its workers, local communities, and the environment and ecosystems, and adheres to legislated safety standards, as well as its own stringent procedures and standards.

Accidents and malfunctions may occur during any phase of the Phase 2 Project. The primary environmental concern resulting from accidents and malfunctions is the possibility for spills, release of chemicals, reagents, petroleum products or process materials onto the land or water (freshwater and marine). Fire presents another risk resulting from vehicle accidents, damage to electrical systems or accidental explosions. Lastly, explosives are kept onsite and have the potential for an accidental blast.

Management of risks and contingency planning are integral to TMAC's approach. A comprehensive evaluation of the potential risks is essential in order to meet regulations, as well as TMAC's health, safety, and environmental objectives. While there exists the possibility of accidents and malfunctions, TMAC's objective is to minimize the likelihood of such incidents and the associated consequences that might affect people and the environment. TMAC's management systems incorporate effective adaptive management practices and are designed to mitigate risks and limit consequences. These strategies include personnel training, education, regular inspections, monitoring and maintenance of equipment, and learning from incidents to improve performance.

A risk matrix was used to categorize 18 potential accidents and malfunctions based on five risk levels; the levels were determined with consideration to both the likelihood of the event and the environmental consequences if it occurs. Of the 18 scenarios, 7 are rated as "very low" risk, 6 are "low" risk, and 5 are "moderate" risk. No scenarios were determined to be of "high" or "extreme" risk. Regardless of the level of risk associated with an accident and malfunction, TMAC's *Emergency Response Plan* is applicable to all accidents and malfunctions.

1.7 EFFECTS OF THE ENVIRONMENT ON THE PROJECT

Extreme weather events (storms, extreme rainfall or snowfall, extreme low temperatures) and geo-hazards (seismicity, ground and slope instabilities) have the potential to affect Project infrastructure and—in turn—represent concerns for the safety of people and the environment. Climate change over the life of the mine also has the potential to affect the Project.

Design of the Project has considered effects of the environment that could potentially influence Project infrastructure, schedule, or activities. In particular, geotechnical assessments have been carried out, and continued investigations will occur during detailed design to help identify areas of concern related to permafrost and potential geo-hazards that could impact Project infrastructure. In general, the location of infrastructure has been optimized (i.e., siting on bedrock, where possible) to avoid potential problem areas to the maximum extent possible. If problem areas cannot be avoided, infrastructure will be constructed with conservatively designed permafrost protection measures and thermal barriers. Through forthcoming detailed design and engineering, additional models and analyses may be used to improve understanding of geotechnical and other potential effects of the environment.

1.8 CUMULATIVE AND TRANSBOUNDARY EFFECTS

Consideration was given to potential cumulative effects arising the Project's effects combining with those of other projects, as well as to effects that may cross jurisdictional boundaries into other parts of Canada (known as transboundary effects). No significant cumulative or transboundary effects were

identified, partly because the Phase 2 Project is not expected to have significant effects nearby or in combination with projects or activities that are a great distance away.

1.9 ENVIRONMENTAL, HEALTH, AND SAFETY MANAGEMENT

TMAC recognizes sound environmental management as a corporate priority. The company's *Commitment to Ethical Business Conduct* includes ongoing and independent examination of its environmental performance, continually evaluating the design and implementation of its environmental management systems, comparing against industry best practice, and making the resources available for TMAC personnel to meet their environmental management obligations. TMAC has a Safety, Health, and Environmental Affairs Committee assessing environmental risks, reviewing and amending the company's environmental policies and standards, and responding to specific environmental matters as directed. In addition, under the Inuit Impact and Benefit Agreement, an Inuit Environmental Advisory Committee reviews environmental management and monitoring plans, discusses Project-related environmental issues, and provides advice to TMAC.

Specific management plans are already in place for the previous phases of development of the Hope Bay Belt Project. During the review of Phase 2 all affected communities, the Kitikmeot Inuit Association and relevant government agencies will be reviewing management and mitigation measures. As required, existing management plans will be updated to account for new or unique aspects of Phase 2 not already covered under the existing plans.

1.10 CONCLUSIONS OF THE ENVIRONMENTAL IMPACT STATEMENT

TMAC's Environmental Impact Statement concludes that the Phase 2 Project is not likely to cause significant negative impacts to the environment, socio-economic conditions, or communities.

TMAC has designed the Project to minimize effects to the environment. The company is committed to developing the Phase 2 Project in a sustainable manner that is respectful of local communities and the environment. Through careful mitigation and management, the Project is anticipated to have no significant environmental effects, while providing economic benefits to Inuit communities, the region, and Nunavut as a whole.