

NUNAVUT IMPACT REVIEW BOARD

PHASE 2 DEVELOPMENT PROJECT PROPOSAL - MARY RIVER IRON
ORE MINE NIRB FILE NUMBER 08MN053

HEARING

VOLUME 14

Iqaluit, Nunavut

April 13, 2021

1	TABLE OF CONTENTS		
2			
3	Description		Page
4			
5	April 13, 2021	Morning Session	2585
6	Opening Remarks		2585
7	Fisheries and Oceans Canada Questions Baffinland		2601
8	Iron Mines Corporation		
9	Transport Canada Questions Baffinland Iron Mines		2609
10	Corporation		
11	Environment and Climate Change Canada Introduces		2614
12	an Exhibit to be Reviewed		
13	Crown-Indigenous Relations and Northern Affairs		2616
14	Canada Questions Baffinland Iron Mines Corporation		
15	Hamlet of Pond Inlet Questions Baffinland Iron		2618
16	Mines Corporation		
17	MICHAEL ANDERSON, Affirmed		2624
18	Mittimatalik Hunters and Trappers Organization		2637
19	Questions Qikiqtani Inuit Association, Fisheries		
20	and Oceans Canada, Parks Canada, Baffinland Iron		
21	Mines Corporation, Government of Nunavut, Hamlet		
22	of Clyde River and Clyde River Hunters and		
23	Trappers Organization, Hamlet of Igloolik and		
24	Igloolik Hunters and Trappers Organization,		
25	Sanirajak Hamlet and Sanirajak Hunters and		
26	Trappers Organization, Crown-Indigenous Relations		

1	and Northern Affairs Canada	
2		
3	April 13, 2021	Afternoon Session 2656
4	Deferred Response from Government of Nunavut	2658
5	Igloolik Working Group Questions Baffinland Iron	2662
6	Mines Corporation	
7	Igloolik Working Group Questions Fisheries and	2665
8	Oceans Canada	
9	Igloolik Working Group Questions Environment and	2667
10	Climate Change Canada	
11	Igloolik Working Group Questions Crown-Indigenous	2668
12	Relations and Northern Affairs Canada	
13	Igloolik Working Group Questions Baffinland Iron	2672
14	Mines Corporation	
15	Deferred Response from Fisheries and Oceans Canada	2679
16	Deferred Response from Crown-Indigenous Relations	2680
17	and Northern Affairs Canada	
18	Deferred Response from Igloolik Working Group	2682
19	Igloolik Hunters and Trappers Organization	2684
20	Questions Baffinland Iron Mines Corporation	
21	Deferred Response from Hamlet of Sanirajak	2686
22	Deferred Response from Sanirajak Hunters and	2687
23	Trappers Organization	
24	Hamlet of Arctic Bay Questions Baffinland Iron	2690
25	Mines Corporation	
26	Zacharias Kunuk (Elder) Questions Baffinland Iron	2694

1	Mines Corporation	
2	Ikajutit Hunters and Trappers Organization	2698
3	Questions Baffinland Iron Mines Corporation	
4	Ikajutit Hunters and Trappers Organization	2709
5	Questions Qikiqtani Inuit Organization, Nunavut	
6	Tunngavik Incorporated, and Government of Nunavut	
7	Deferred Responses from Nunavut Tunngavik	2712
8	Incorporated, Qikiqtani Inuit Association,	
9	Government of Nunavut, Baffinland Iron Mines	
10	Corporation to Hamlet of Arctic Bay	
11	Deferred statement from Baffinland Iron Mines	2716
12	Corporation to Mittimatalik Hunters and Trappers	
13	Association	
14	Kaujak Komangapik (Elder) Questions Baffinland	2717
15	Iron Mines Corporation, Qikiqtani Inuit	
16	Association, Government of Nunavut,	
17	Crown-Indigenous Relations and Northern Affairs	
18	Canada, Fisheries and Oceans Canada	
19	Hamlet of Sanirajak Questions Mittimatalik Hunters	2728
20	and Trappers Organization, Baffinland Iron Mines	
21	Corporation	
22		
23		
24		
25		
26		

1 Proceedings taken at Aqsarniit Hotel and Conference
2 Centre, Iqaluit, Nunavut.

3

4 NUNAVUT IMPACT REVIEW BOARD

5 K. Kaluraq Chair of Hearing

6 M. Qumuatuq Panel Member

7 C. Emrick Panel Member

8

9 NUNAVUT IMPACT REVIEW BOARD STAFF (IQALUIT)

10 T. Meadows Legal Counsel

11 K. Costello Executive Director

12 T. Arko Director, Technical Services.

13 C. Barker Technical Advisor 2

14 G. Daoust Technical Advisor 1

15 E. Adjun Outreach Coordinator

16 L. Atatahak Administration Support

17

18 NUNAVUT IMPACT REVIEW BOARD STAFF (POND INLET)

19 K. Morrison Manager, Impact Assessment

20 F. Emingak Junior Technical Advisor

21

22 NUNAVUT IMPACT REVIEW BOARD STAFF (ONLINE)

23 M. Ings Director, Finance and

24 Administration

25

26

1 PROPONENT

2

3 BAFFINLAND IRON MINES CORPORATION REGISTERED SPEAKERS

4 (IQALUIT)

5 B. Armstrong Legal Counsel

6 B. Penney President, Chief Executive

7 Officer

8 U. Hanson Vice President, Community and

9 Strategic Development

10 J. Tigullaraq Head of Northern Affairs

11 C. Merkosak Baffinland Iron Mines Corporation

12 M. Clark Baffinland Iron Mines Corporation

13

14 BAFFINLAND IRON MINES CORPORATION REGISTERED SPEAKERS

15 (ONLINE)

16 C. Kowbel Legal Counsel

17 L. Duke Legal Counsel

18 M. Lord-Hoyle Vice-President, Sustainable

19 Development

20 L. Kamermans Director, Sustainable

21 Development.

22 A. Moore Manager, Government Relations

23 and Public Affairs

24 E. Malcolm Sustainability Specialist

25 C. Murray Baffinland Iron Mines Corporation

26 C. Devereaux Baffinland Iron Mines Corporation

1	S. Douville	Baffinland Iron Mines Corporation
2	F. Pittman	Baffinland Iron Mines Corporation
3	T. Sewell	Baffinland Iron Mines Corporation
4	K. Johnson	Baffinland Iron Mines Corporation
5	M. Anderson	Baffinland Iron Mines Corporation
6	G. Goruk	Baffinland Iron Mines Corporation
7	A. McLeod	EDI Environmental Dynamics Inc.
8	J. Krizan	EDI Environmental Dynamics Inc.
9	M. Settingington	EDI Environmental Dynamics Inc.
10	C. Legault	Fednav Limited
11	T. Keane	Fednav Limited
12	D. Del Cardo	Genessee Wyoming Canada
13	L.R. Pelletier	Genessee Wyoming Canada
14	S. Sefsik	Genessee Wyoming Canada
15	M. Winterbottom	Golder Associates Ltd.
16	P. Abgrall	Golder Associates Ltd.
17	P. Osbourne	Golder Associates Ltd.
18	P. Rouget	Golder Associates Ltd.
19	F. van Biljon	Hatch Engineering
20	G. Clinton	Impact Economics
21	C. Moore	Intrinsik
22	M. Austin	JASCO Applied Sciences
23	R. Cook	Knight Piésold
24	D. Jarrat	Nunami Stantec
25	V. Corning	Nunami Stantec
26	P. Glenen	Nunami Stantec

1	S. Wallace	Nunami Stantec
2	J. Prno	JPSCL Limited
3	J. McClintock	Wood Plc
4		
5	INTERVENORS	
6		
7	NUNAVUT TUNNGAVIK INCORPORATED (REGISTERED SPEAKERS)	
8	A. Yuan	Legal Counsel
9	N. Gonzalez	Legal Counsel
10	A. Kotierk	President
11	J. Eetoolook	Vice President
12	P. Irngaut	Director
13	D. Kunuk	Chief Operating Officer
14	C. Lyall	Executive Assistant
15	C. Gillis	Director, Lands & Resources
16	B. Dean	Assistant Director
17	D. Lee	Wildlife Biologist
18	H. Uniuqsaraq	Chief Administrative Officer
19	P. Lavallée	Nunavut Tunngavik Incorporated
20		
21	QIKIQTANI INUIT ASSOCIATION (REGISTERED SPEAKERS)	
22	L. Land	Legal Counsel
23	S. Foulds	Legal Counsel
24	P.J. Akeeagok	President
25	O. Akesuk	Vice President
26	J. Ottenhof	Director, Qikiqtani Nunalirijikkut

1	R. Paton	Director, IQ & Engagement
2	S. Williamson-Bathory	Special Advisor
3	L. Barnabas	Portfolio Lead
4	J. Higdon	Freshwater and Marine Specialist
5	B. Stewart	Freshwater and Marine Specialist
6	J. Ash	Arktis Solutions
7	N. Jewitt	Arktis Solutions
8	A. MacDonald	The Firelight Group
9	S. Leech	The Firelight Group
10	J. Tunraluk	Member at Large
11	K. Pudluk	Community Director
12	L. Ningiuk	Member at Large
13	L. Tapardjuk	Community Director
14	M. Jaypoody	Community Director
15	P. Amagoalik	Community Director
16	A. Qammaniq	Community Director
17		
18	HAMLET OF POND INLET (REGISTERED SPEAKERS)	
19	J. Arreak	Mayor of Pond Inlet
20	M. Koonark	Hamlet of Pond Inlet
21	F. Tester	Technical Advisor
22	C. Sangoya	Elder Advisor and Pond Inlet
23		Hunters and Trappers Organization
24	K. Komangapik	Elder Adviser
25	J. Aloofoo	Elder Advisor
26	S. Nutarak	Community Representative

1 MITTIMATALIK HUNTERS AND TRAPPERS ORGANIZATION

2 (REGISTERED SPEAKERS)

3 E. Murphy Legal Counsel

4 E. Ootoovak President

5 A. Hanson-Main Technical Advisor

6 E. Inuarak Vice President

7 Dr. V. Vergara Marine Expert

8 V. L'Hereault Community-Based Monitoring Witness

9

10 IGLOOLIK WORKING GROUP AND IGLOOLIK HUNTERS AND

11 TRAPPERS ASSOCIATION (REGISTERED SPEAKERS)

12 P. Ivalu Chairperson, Igloolik Working
13 Group

14 J. Quassa Igloolik Working Group

15 M. Recinos Igloolik Working Group

16 S. Mikki Community Representative

17 M. Pikuyak Iqqaqsaq Youth Community Representative

18

19 HAMLET OF SANIRAJAK (REGISTERED SPEAKERS)

20 J. Audlakiak Mayor of Sanirajak

21 L. Primeau Chief Administrative Officer

22 P. Nagmalik Hall Beach Hunters and
23 Trappers Association

24 E. Irgittuuq Elder Advisor

25 M. Kuppaq Community Representative

26 J. Kaernerck Community Representative

1	D. J. Nasook	Youth Community Representative
2		
3	HAMLET OF ARCTIC BAY AND IKAJUTIT HUNTERS AND TRAPPERS	
4	ASSOCIATION (REGISTERED SPEAKERS)	
5	L. Idlout	Legal Counsel
6	M. Koonoo	Arctic Bay Hunters and
7		Trappers Association
8	S. Qaunaq	Community Representative
9	G. Ejangiaq	Community Representative
10	E. Qaqqasiq-Taqtu	Community Youth Representative
11		
12	HAMLET OF CLYDE RIVER AND CLYDE RIVER HUNTERS AND	
13	TRAPPERS ASSOCIATION (REGISTERED SPEAKERS)	
14	J. Natanine	Hamlet of Clyde River
15	Dr. W. Bernauer	Hamlet of Clyde River
16	S. Aipellee	Clyde River Hunters and
17		Trappers Association
18	Dr. G. Hostetler	Hamlet of Clyde River
19	P. Sangoya	Hamlet of Clyde River
20	J. Iikoo Angutikjuaq	Elder Advisor
21	O. Audlakiak	Community Representative
22	J. Palituq	Youth Community Representative
23		
24		
25		
26		

1	AMARUQ HUNTERS AND TRAPPERS ASSOCIATION (REGISTERED	
2	SPEAKERS)	
3	M. Mike	Amaruq Hunters and Trappers
4		Association
5	J. Kakee	Elder Advisor
6	J. Akavak	Amaruq Hunters and Trappers
7		Association
8	K. Akpalialuk	Amaruq Hunters and Trappers
9		Association
10	L. Ipeelie	Amaruq Hunters and Trappers
11		Association
12		
13	HAMLET OF RESOLUTE BAY (REGISTERED SPEAKERS)	
14	M. Idlout Amarualik	Hamlet of Resolute Bay
15	J. Amagoalik	Resolute Bay Hunters and
16		Trappers Association
17		
18	GOVERNMENT OF NUNAVUT (REGISTERED SPEAKERS)	
19	E. Stockley	Legal Counsel
20	N. O'Grady	Government of Nunavut
21	J. Onalik	Deputy Minister EDT
22	J. Noble Jr.	Deputy Minister DOE
23	G. Karlik	Assistant Deputy Minister
24		Department EDT
25	H. Coleman	Assistant Deputy Minister DOE
26	A. Simonfalvy	Avatiliriniq Coordinator

1	A. Robinson	Manager, Land-use Planning and
2		Environmental Assessment DOE
3	J. Elliott	Project Manager Impact Assessment
4		DOE
5	S. Atkinson	Wildlife Consultant
6		
7	NORTHERN PROJECTS MANAGEMENT OFFICE (REGISTERED	
8	SPEAKERS)	
9	L. Dyer	Director General, Northern Projects
10		Management Office
11	A. Shafi	Technical Support, Northern
12		Projects Management Office
13	S. Qazi	Technical Support, Northern
14		Projects Management Office
15	S. Hitchcox	Northern Projects Management
16		Office
17	B. Tracz	Manager of Crown Consultation
18		
19	DEPARTMENT OF JUSTICE (REGISTERED SPEAKERS)	
20	S. Gruda-Dolbec	Legal Counsel
21		
22	CROWN-INDIGENOUS RELATIONS NORTHERN AFFAIRS CANADA	
23	(REGISTERED SPEAKERS)	
24	S. Dewar	Director, Resource Management
25	K. Henrikson	Regional Director General
26	F. Ngwa	Manager, Impact Assessment

1	A. Roy	Senior Environmental
2		Assessment Specialist
3	D. Abernethy	Regional Socio-economic Analyst
4	J. Walsh	Senior Environmental
5		Assessment Analyst
6	K. Pawley	Manager, Environmental Assessment
7	A. Vigna	Environmental Policy Analyst
8	M. Staniewski	Project Analyst
9	M. Hopkins	Director General, Natural
10		Resources and Environment
11		
12	FISHERIES AND OCEANS CANADA (REGISTERED SPEAKERS)	
13	G. Bernard-Lacaille	Senior Biologist, Fish and
14		Fish Habitat Program, Arctic
15		Region
16	A. Sorckoff	Fish and Fish Habitat
17		Protection Biologist
18	A. Beattie	Team Lead, Mining Oil and Gas
19		North
20	M. Marcoux	Marine Mammal Expert, DFO Science
21	K. Howland	Aquatic Invasive Species Expert,
22		Oceans Canada Science Group
23	P. Smith	Fisheries Management Expert
24	T. Hoggarth	Regional Director, Aquatic
25		Ecosystems
26	S. McLennan	Manager, Arctic Projects and

1		Governance
2	T. Seal	Junior Project Officer
3		
4	PARKS CANADA (REGISTERED SPEAKERS)	
5	A. Stoddart	Environmental Assessment
6		Scientist
7	J. Chisholm	Ecologist Team Leader
8	A. Maher	Resource Conservation Manager,
9		Nunavut Field Unit
10	J. Bastick	Environmental Assessment
11		Specialist
12	J. Boon	Field Unit Superintendant,
13		Nunavut Field Unit
14	L. Jonart	Project Manager, Tallurutiup
15		Imanga National Marine
16		Conservation Area, Nunavut
17		Field Unit
18		
19	TRANSPORT CANADA (REGISTERED SPEAKERS)	
20	J. Barker	Regional Environmental Advisor
21	A. Gudmundson	Regional Manager Environmental
22		Programs
23	J. Johar	Manager Marine Safety and Security
24	J. Cram	Manager Rail Safety Engineering
25	M. O'Soup Bushie	Major Resource Development
26		Projects & Aboriginal

1		Consultations
2	K. Klarenbach	Manager, Aboriginal Consultations
3		& Major Resource Development
4		
5	ENVIRONMENT AND CLIMATE CHANGE CANADA (REGISTERED	
6	SPEAKERS)	
7	A. Graham	Environmental Director
8	M. Fairbairn	Regional Director
9	B. Asher	Technical Expert, Air Quality
10	R. Holt	Technical Expert, Air Quality
11	C. Kabanguka	Environmental Emergencies Expert
12	J.F. Dufour	Technical Expert, Water Quality
13	K. Patel	Technical Expert, Water Quality
14	M. Tobin	Technical Expert, Water Quality
15	A. Wilson	Technical Expert, Water Quality
16	R. Ejeckam	Senior Mining Project Officer
17		
18	HEALTH CANADA (REGISTERED SPEAKERS)	
19	M. Gale	Regional Manager
20	K. Ma	Regional Manager
21	K. Buset	Impact Assessment Program
22		Manager
23	W. Wilson	Impact Assessment Coordinator
24	T-T. Nguyen	Engagement Specialist
25	N. Lyrette	Environmental Specialist
26		

1 NATURAL RESOURCES CANADA (REGISTERED SPEAKERS)

2 P. Unger Senior Environmental

3 Assessment Officer

4 R. Johnstone Deputy Director, Explosives

5 Safety and Security Branch,

6 Lands and Minerals Sector

7

8 IMPACT ASSESSMENT AGENCY OF CANADA (REGISTERED

9 SPEAKERS)

10 Y. Stoimenova Policy Analyst

11 T. Frezza Manager, Legislation

12

13 NUNAVUT INDEPENDENT TELEVISION NETWORK (REGISTERED

14 SPEAKERS)

15 I. Gilles Legal Counsel

16 L. Tulugarjuk Chairperson, Executive Director

17 Z. Kunuk Founder and Director

18 C. Kunnuk Nunavut Independent Television

19 Network

20 L. Lipsett Technical Advisor

21

22 WORLD WILDLIFE FUND (REGISTERED SPEAKERS)

23 A. Dumbrille Lead Specialist, Marine Shipping
24 and Conservation

25 P. Okalik Lead Specialist, Arctic

26 B. Laforest Senior Specialist, Arctic

1 Species and Ecosystems
2 E. Keenan Specialist, Arctic
3
4 OCEANS NORTH (REGISTERED SPEAKERS)
5 C. Debicki Legal Counsel
6 A. Joynt Senior Policy Advisor
7 G. MacDonald Arctic Research Specialist
8 J. Jones Scripps Institution of
9 Oceanography

10

11 INTERPRETERS/TRANSLATORS

12 J. Tucktoo

13 V. Dewar

14 R. Katsak

15 L. James

16

17 A. Vidal, CSR(A) Official Court Reporter

18 S. Burns, CSR(A), RPR, Official Court Reporter

19 CRR

20

21

22

23

24

25

26

1 Opening Remarks

2 THE CHAIR: Welcome, everyone.

3 I'm Kaviq Kaluraq. I'm the Chairperson of the
4 Nunavut Impact Review Board. We're back to the
5 meeting. Thank you for coming back. This is the
6 second day of our meeting and on the review of the
7 Baffinland Iron Mines Phase 2 development proposal
8 related to the Mary River iron ore project.

9 For those attending in Iqaluit, welcome to
10 Iqaluit. For those attending in Pond Inlet, welcome.
11 And for those joining us through audio-visual feeds on
12 the phone or on Zoom, welcome and thank you for your
13 participation as well. For those coming in from the
14 Sanirajak and from Grise Fiord and Resolute, they just
15 came in, so welcome to the meeting.

16 Before we start, please turn off your cell phones
17 or put on silent. And before we start, we are starting
18 today with the opening prayer that will be given by
19 Joshua Arreak.

20 Opening Prayer

21 THE CHAIR: Thank you, Joshua, for the
22 meeting opening.

23 As you know, the same as the Board's previous two
24 public hearing sessions for this file, I will be
25 chairing these extended sessions of the public hearing
26 over the remaining eight days in Iqaluit.

1 As the session of the public hearing is an
2 extension of the Board's reconvened public hearing held
3 in Pond Inlet from January 25 to February 6th this
4 year, in the interest of time, I'm not going to repeat
5 my previous remarks or give a recap of the previous
6 proceedings.

7 Anyone interested in reviewing the information
8 exchanged during the Board's previous two public
9 hearing sessions for this assessment in November 2019
10 and January and February of this year can access the
11 transcripts of those sessions from the Board's public
12 hearing registry.

13 Today we will be continuing with roundtable of the
14 follow-up by registered intervenors in respect of the
15 written questions they filed in March and the answers
16 provided by Baffinland and other intervenors to those
17 questions.

18 For the benefit of community representatives who
19 were travelling yesterday to join us yesterday, the
20 community roundtable sessions of the public hearing
21 will commence on Friday morning and continue for the
22 last five days of this extended session, and the room
23 will be rearranged so that the designated community
24 representatives from the seven North Baffin communities
25 potentially affected by the project will be seated at
26 the table and will be able to ask questions of

1 Baffinland or any of the intervenors and will also be
2 able to share their knowledge and comments with the
3 Panel.

4 For everyone participating in Pond Inlet in the
5 Pond Inlet hub or by the audio-video feed, be assured
6 that we are linked to you, and the intervenors,
7 community representatives, and members of the public in
8 Pond Inlet will be able to ask questions and provide
9 responses to the same degree as would be expected if we
10 were all in the same room.

11 However, as we are coordinating the various
12 options for participants, we ask that you be patient in
13 waiting for your turn to speak. During the technical
14 portion of the hearing, discussion will be focused on
15 the intervenors, and each organization has identified a
16 key speaker to complete questions on specific topics
17 which parties are carrying over from the reconvened
18 hearing.

19 When it is your organization's turn to speak, I
20 will turn the microphone over to your key speaker who
21 can then turn things over to anyone on their team who
22 wishes to speak.

23 If you are joining us by Zoom, please click on the
24 "raise your hand" icon at the bottom of your screen as
25 that will raise your name to the top of the list of
26 Zoom participants, and it makes it much easier for our

1 audio-video technicians link -- to link with you.

2 There may be some delays as the sound tech unmutes
3 your line, and everyone must reference your name or
4 your organization for the stenographers every time you
5 start talking.

6 As a reminder to everyone, all of the witnesses
7 who were affirmed or sworn in during the previous
8 public hearing session in January and February this
9 year are reminded that the Board considers you to still
10 be under oath when answering questions during this
11 extended session.

12 If any party wants someone to answer questions on
13 the record on their behalf who has not previously
14 affirmed or sworn in, please identify that you need
15 this person to be placed under oath, and the Board's
16 legal counsel will ensure they are affirmed before they
17 provide testimony during these proceedings.

18 Please note that simultaneous interpretation of
19 the proceedings is being provided throughout the
20 meetings from interpreters here in Iqaluit, which is
21 being broadcasted to Pond Inlet and the audio-visual
22 online feeds. Receivers are available from the sign-in
23 table at each in-person location, and language-specific
24 information has been provided for those participating
25 online. For those in the room in Iqaluit, we would like
26 to let everyone know Channel 0 is the floor sound;

1 Channel 1, English; Channel 2, Inuktitut.

2 If you are at an in-person location and are having
3 trouble hearing the proceedings, please let one of the
4 NIRB staff know, and they'll assist you. Issues with
5 the online feed can be communicated to Mark Ings
6 afterward.

7 There are sign-in sheets in Iqaluit and Pond
8 Inlet. If you haven't already signed in, please do so.
9 This will allow the NIRB to have an accurate record of
10 hearing participants and allow for adherence to public
11 health measures. Further, the NIRB is required to
12 gather contact information of those participating in
13 person but would like to assure parties that
14 information will be used for contact-tracing purposes
15 only. Those participating online should have
16 preregistered to receive the information, but if you
17 did not preregister, please contact Cory Barker to
18 indicate your participation.

19 As I said, I'm the chairperson of the Board, and
20 my fellow board members who are decision-makers for
21 this assessment are here with me, Catherine Emrick on
22 my left, and Madeleine Qumuatuq on my right.

23 As I indicated yesterday, the Panel's focus during
24 these sessions is to listen and ask questions of
25 Baffinland and the intervenors to ensure that the Board
26 has the information we need to assess the potential

1 ecosystemic and socio-economic effects of the Phase 2
2 development proposal before we make a decision and
3 provide the Board's written report and recommendations.

4 The Board has many staff members participating in
5 these proceedings who have contributed to the NIRB's
6 administration and the technical review of this project
7 proposal as well as our legal counsel. In the interest
8 of time, I'm not going to introduce the NIRB staff
9 again but advise that many of the NIRB staff are
10 wearing NIRB lanyards and name tags. So if you have a
11 question for our staff, please search out one of the
12 staff with the name tags.

13 In addition to the NIRB's technical staff, we have
14 several interpreter-translators available today for
15 simultaneous interpretation, including the Board's
16 interpreter-translator Josie Tucktoo, as well as
17 Veronica Dewar, Rhoda Katsak, and Letia Jane.

18 Assisting us with our sound system, video link,
19 interpretation, and sound recording, we have
20 representatives from Duoson. As a reminder, please do
21 not approach Duoson staff. If you are having trouble
22 with being able to hear through the headsets or
23 speakers, please approach the NIRB staff, and we'll
24 help you out.

25 To ensure an accurate record of the hearing, we
26 will be keeping a transcript of these proceedings. We

1 have Sandra Burns and Andres Vidal, court reporters
2 from Dicta Court Reporting, here to prepare the
3 transcript.

4 We would also like to notify all participants that
5 these proceedings are being attended by media
6 representatives in the Iqaluit location. If possible,
7 we do ask that media wear a press badge or similar
8 identification throughout these meetings so that it is
9 clear to the parties which media outlet you are
10 representing.

11 Members of the media who are filming the
12 proceedings are reminded to respect the Board's
13 procedural direction for recording the proceedings and
14 linking into the live feed that were issued last week.
15 Any participants who are approached by the media, it
16 remains up to you as to whether you wish to speak with
17 the media.

18 The Board welcomes the media providing information
19 about these meetings to those who cannot attend.
20 However, I remind everyone that because the Board is
21 engaged in decision-making for the file, the Panel
22 members, including myself and the NIRB staff, cannot
23 respond to questions or provide interviews to the media
24 or public comments regarding the hearing while we're
25 underway and before decision-making for the file has
26 been completed and the Board's report and

1 recommendations have been released publicly.

2 As communicated to the parties in the Board's
3 procedural direction last week, just as with all of the
4 Board's previous proceedings, the Board prohibits
5 anyone from recording, rebroadcasting, or
6 retransmitting these sessions unless the Board has
7 granted expressed written consent. Parties unable or
8 unwilling to comply with the Board's directions may be
9 denied access to the live feed.

10 As noted in the agenda, there is no evening
11 session scheduled for today. Today we will break for
12 lunch at approximately 12 PM Eastern Time, reconvening
13 at 1:15, and we will end today's session when we break
14 for supper at 5 PM.

15 As you saw yesterday, the time limits for parties
16 set out in the final agenda will be enforced so that we
17 can ensure that the Board can complete the remaining
18 follow-up in respect of unresolved technical questions
19 as planned by the end of the extended sessions on
20 Thursday. The Board will then turn to the continuation
21 of the community roundtable for the last five days of
22 our session.

23 I will give parties a five-minute warning when
24 they have five minutes left in the time allotted on the
25 agenda so that you can wrap up your follow-up
26 questioning.

1 As everyone can see, due to the public health
2 directives placed in -- put in place to respond to the
3 COVID-19 pandemic, the Nunavut Impact Review Board has
4 modified our normal practices to ensure we all stay
5 safe and in compliance with local public health
6 requirements.

7 Although things may look different and we really
8 miss being able to be all together and see everyone's
9 faces, we have implemented a number of measures to make
10 sure we can all participate effectively and safely.
11 Whether you are joining us by Zoom, by phone, in the
12 meeting room here in Iqaluit, or in the hall in Pond
13 Inlet, you should know that the Board's objectives in
14 conducting these meetings remains the same as for all
15 the Board's previous proceedings for the Mary River
16 project.

17 Thank you to everyone for working with the Board
18 and with the other parties together in these
19 exceptional circumstances to make this extension of the
20 public hearing a success.

21 As I said yesterday, a number of the Board's
22 COVID-19 protocols have been developed after working
23 with the Government of Nunavut's chief public health
24 office. With the implementation of the strict safety
25 protocols, the Board was able to secure an exemption to
26 the 100-person limit on the number of people that can

1 attend these meetings in Iqaluit. The capacity of the
2 hub in Pond Inlet remains at 100.

3 In respect of the exemption for the Iqaluit
4 proceedings as indicated yesterday by Greg Thibault,
5 the Government of Nunavut's regional environmental
6 health officer for Iqaluit, even though we are all
7 wearing masks, he advised that we should continue to
8 practice social distancing and the use of hand
9 sanitizer when you enter and exit this room.

10 The Board appreciates everyone continuing to
11 comply with the safety measures and keeping us all safe
12 and healthy. You will notice that the Board has posted
13 the Board's COVID-19 protocols at the entryways to the
14 hearing room in Iqaluit and on the doors as you enter
15 the hall in Pond Inlet. Adherence to the Board's
16 protocols are part of the chief public health officer's
17 order.

18 In terms of housekeeping considerations here in
19 Iqaluit, washrooms are located outside the side doors,
20 also by the restaurant. An additional handicap
21 accessible washroom is located across the lobby by the
22 fitness centre. And please use the doors at the back
23 and use the side -- in the side of the room to exit for
24 breaks, but come back by the doors at the back of the
25 room.

26 Lastly, before we get back to the follow-up

1 questioning of registered intervenors, the Board
2 requests that everyone respect the following Board
3 directions: It is our tradition to give respect to our
4 Elders. Therefore, during the proceedings, we invite
5 Elders who are present to indicate to me that they wish
6 to speak so that we have an accurate record of comments
7 provided. We do ask that Elders wait until they are
8 recognized by the Chairperson, and our staff can get
9 them set up at a microphone before they speak.

10 It is our intention to have one 15-minute break at
11 the halfway point in the morning, and one 15-minute
12 break in the midafternoon.

13 I will let everyone know when we are coming up to
14 break time. As per the NIRB's protocol, the NIRB will
15 only be supplying water throughout the day, and
16 participants are responsible for bringing their own
17 snacks and meals. Please respect the timelines I have
18 set for breaks and return promptly to the meeting. We
19 have a lot to cover, and the Board cannot wait for late
20 arrivals.

21 For all participants, please do not interrupt when
22 a person is speaking. The agenda provides an orderly
23 opportunity for participants to speak, and for parties
24 accessing the proceedings via video or audio links,
25 your microphone or camera may be muted by the Board
26 until you are recognized by the Chair to speak.

1 For the sake of our court reporters and
2 interpreters, when it is your turn to speak, please use
3 a microphone. State your name first, and then speak
4 clearly and at a reasonable pace. Also, please do not
5 use abbreviations and acronyms, and be mindful that
6 some terms may require our interpreters to take time to
7 explain in detail. So please be aware of the
8 interpreters and pause when it appears that they need
9 extra time to explain what you're saying.

10 It is also important to remember that they cannot
11 assume the meaning of the abbreviations you are using,
12 so please be mindful when you're using abbreviations.

13 For the benefit of all the participants, please
14 turn your cell phones and electronic devices off or at
15 least to the vibrate or silent setting no matter your
16 method of participation in this meeting.

17 The Board asks all participants joining the
18 proceedings to be patient with each other and the Board
19 as the technology we use may result in interruptions
20 and limitations that are outside of the parties' and
21 the Board's control.

22 And, finally, I would like to remind everyone that
23 comments intended to denigrate or belittle the views or
24 comments of other participants or simply intended to
25 disrupt the proceedings are not appropriate and may
26 result in the Board sanctioning such commentators.

1 The Board recognizes that parties may have very
2 different opinions and strong feelings about this
3 assessment, but we appreciate everyone sharing their
4 views in a way that is respectful and productive, and
5 we thank all parties in advance for participating in
6 these meetings in that spirit.

7 We are now moving to Item 3.4 on the agenda, the
8 Government of Canada's registered intervenors who will
9 be asking follow-up questions. As a reminder, the
10 Government of Canada has 90 minutes remaining in their
11 time for follow-ups to their written questions.

12 I will now turn to Crown-Indigenous Relations and
13 Northern Affairs to advise which federal department
14 will be providing their follow-up questions next.

15 MR. DEWAR: Qujannamiik, Madam Chair.

16 Spencer --

17 THE CHAIR: (NO AUDIO FEED) Spencer Dewar.

18 MR. DEWAR: Qujannamiik, Madam Chair.

19 Spencer Dewar, Crown-Indigenous Relations and Northern
20 Affairs Canada.

21 I do believe we'll continue on with the
22 questioning from DFO. So we'll turn it to Gabriel
23 Bernard-Lacaille.

24 THE CHAIR: Fisheries and Oceans Canada,
25 Gabriel Bernard-Lacaille.

26 MR. BERNARD-LACAILLE: Thank you, Madam Chair.

1 Gabriel Bernard-Lacaille with Fisheries and Oceans
2 Canada.

3 Before continuing on with my remaining questions,
4 I would like to invite our aquatic invasive species
5 expert, Kimberley Howland, to make a clarification on
6 some of the information we provided yesterday. Thank
7 you.

8 THE CHAIR: Kimberly Howland.

9 MS. HOWLAND: Can everybody hear me?

10 THE CHAIR: Yes. You may proceed.

11 MS. HOWLAND: Okay. We'd just like to make
12 a clarification surrounding the discussion on the --
13 the invasive -- potentially invasive worm,
14 Marenzelleria viridis, that was discussed yesterday.
15 This is the worm that was found near the ore dock for
16 the first time in 2019, and we would just like to
17 clarify that DFO was not speaking to a hypothetical
18 situation or speculating yesterday in our questioning
19 surrounding the species.

20 What we were referencing was a paper that is the
21 most recent and comprehensive authority on the
22 taxonomic status and range of the species that are in
23 that particular genus, so we're referring to all those
24 species in that group. And this involved a
25 standardized re-assessment of approximately 3,000
26 archived specimens from across the global range for

1 that group of species, and it included the Arctic.

2 And as Gabriel mentioned, it was a publication by
3 Sikorski and Bick, 2004. That study showed that none
4 of the reexamined specimens from the pan-Arctic region
5 were *Marenzelleria viridis* but rather that they were
6 either *Marenzelleria arctica*, *wireni*, or *neglecta*, which
7 are considered to be native in those areas.

8 THE CHAIR: Ms. Howland.

9 MS. HOWLAND: Yes?

10 THE CHAIR: Can you please slow down.
11 Thank you.

12 MS. HOWLAND: Sorry. I apologize. In
13 contrast, *Marenzelleria viridis*, which is the species
14 in question here, was common in sites along the east
15 coast of North America where it is considered native
16 and from northern Europe where it is considered
17 invasive. I'll just note that this is also where the
18 majority of project ships originate.

19 These findings are further supported by a recent
20 study on genetic relationships within this group of
21 species or the genus, *Marenzelleria*, and that is a
22 study by Blank and Bastrop from 2009. Based on this
23 updated revision, it's very likely that the few
24 individuals that were previously identified as
25 *Marenzelleria viridis* in the Canadian Arctic were, in
26 fact, misidentifications of one of the three species

1 recently demonstrated to be distributed in the Arctic
2 since at the time those species were not well
3 described.

4 We consider it speculative to assume that
5 *Marenzelleria viridis*, a primarily temperate
6 distributed species, was correctly identified in the
7 handful of records for the Canadian Arctic of which we
8 note only two specimens have actually ever been
9 recorded in the eastern Arctic. And in doing a bit
10 more searching, those two specimens were outliers
11 collected at depths extremely outside of the range of
12 what -- which *viridis* is normally found, which -- which
13 brings those into question.

14 We further note that for the studies from
15 Churchill mentioned by the proponent, the species was
16 not actually found there. Those studies were based on
17 a risk assessment that listed *Marenzelleria viridis* as
18 a species present in source ports in northern Europe
19 for ships arriving in Churchill.

20 Based on this information, we recommend that the
21 NIRB ask Baffinland to revisit their interpretation of
22 historic records in light of the most up-to-date
23 taxonomic publications and genetic publications
24 available for this group of species and consider
25 requesting a re-examination of any Canadian Arctic
26 specimens, if available.

1 I'll now turn it over to Gabriel for -- for asking
2 a couple of remaining outstanding questions that we
3 have. Thank you.

4 THE CHAIR: Gabriel Bernard-Lacaille.
5 Fisheries and Oceans Canada Questions Baffinland Iron
6 Mines Corporation

7 MR. BERNARD-LACAILLE: Thank you, Madam Chair.
8 Gabriel Bernard-Lacaille with Fisheries and Oceans
9 Canada.

10 Continuing with our line of questioning regarding
11 clarification to -- on the evidence that Baffinland has
12 or is presenting stating that the species is not
13 behaving as an aquatic species.

14 So in their response to DFO Question
15 GOC-DFO-Number-5, Baffinland states: (as read)
16 Baffinland has taken this detection seriously
17 and has undertaken a number of monitoring
18 actions, including a detailed review of the
19 literature and historical taxonomic records,
20 consulting externally with global polychaete
21 specialists and targeted sampling to obtain
22 specimens for genetic barcoding.

23 In regards to this quote, DFO has the following three
24 questions, which I will ask together in the interest of
25 time: Does Baffinland have any information from the
26 consultation with the global polychaete specialists?

1 When does Baffinland plan to send the 2020 specimens
2 for genetic barcoding? And my third question: Does
3 Baffinland intend to provide a report or memo
4 describing the results of these additional monitoring
5 actions? Thank you, Madam Chair.

6 THE CHAIR: Baffinland, Megan Lord-Hoyle.

7 MS. LORD-HOYLE: Megan Lord-Hoyle, Baffinland.

8 I will ask Phil Rouget to respond to the specific
9 questions just asked. However, before I pass it over,
10 I'd like to highlight that the paper that Ms. Howland
11 was just speaking to is new evidence. It hasn't been
12 supplied on the record for this hearing, and we would
13 like the opportunity to review and respond to that
14 information.

15 I'd also like to take this opportunity, Madam
16 Chair, to ask DFO to provide this type of information
17 as well as information relating to cortisol that's been
18 discussed through this. It's a perfect opportunity to
19 provide that information in the working group. We
20 believe that's the appropriate place and forum for
21 these types of new information, research, scientific
22 papers to be shared.

23 And there has been quite a bit of discussion
24 around the functioning of the working group, and we
25 believe that it requires all parties to be
26 participating effectively and in good faith in those

1 working groups in order to increase the functioning.

2 With that, I'd like to pass it over to Phil
3 Rouget. Thank you.

4 THE CHAIR: NIRB legal counsel.

5 MS. MEADOWS: Thank you, Madam Chair.

6 Teresa Meadows, legal counsel for the Nunavut Impact
7 Review Board.

8 So, Madam Chair, I recognize that Baffinland has
9 suggested that it may be appropriate to deal with this
10 additional information in the marine environment
11 working group.

12 But recognizing that parties have the ability to
13 file additional material commenting on the 2020 marine
14 monitoring report technical memo provided by Baffinland
15 in -- filed on April 8th, perhaps it is an
16 opportunity -- and I would urge Fisheries and Oceans
17 Canada to consider submitting that paper at the same
18 time -- the paper that they've been referencing at the
19 same time as they are filing their commentary and their
20 final written statement on May 17th, 2021, so that we
21 can have it in this process as well.

22 And all parties that have heard the discussions of
23 this paper will be able to take a look at it themselves
24 regardless of whether or not they are members of the
25 marine environment working group. Thank you, Madam
26 Chair.

1 THE CHAIR: Phil Rouget.

2 MR. ROUGET: Good morning, Madam Chair.

3 Thank you. Phil Rouget with Golder Associates. And
4 thank you, DFO, for your questions. I'll answer them
5 in order and repeat each one first.

6 Question Number 1: Does Baffinland have any
7 current information from our consultation with the
8 specialist we identified? Those conversations are
9 ongoing. We are sending samples to the specialist, and
10 we will engage with DFO once those conversations have
11 been had and the specimen has been analyzed.

12 Question 2: Where does Baffinland plan to send
13 our 2020 specimens for DNA barcoding? So our plan has
14 always been to send samples for DNA barcoding to the
15 Canadian Centre For DNA Barcoding at the University of
16 Guelph. That said, we were unable to find any more of
17 those specimens during targeted sampling in 2019 when
18 we did targeted sampling for DNA purposes, in other
19 words, to collect those samples and preserve them, and
20 they mainly need to be preserved for barcoding.

21 That's not to say we did not find samples in 2020.
22 As mentioned yesterday and as will be detailed in the
23 2020 marine environmental effects monitoring report, as
24 part of our standard infaunal sampling program --
25 sorry, sediment sampling program, we looked in areas
26 that the species was previously identified, and several

1 samples were found between the two previous locations
2 that it was found but not extending further than the
3 two previously identified sites. That will be
4 documented in the report with a map as requested.

5 So to be clear on Number 2, we still will continue
6 to do targeted sampling for DNA purposes on that -- on
7 that particular species.

8 Question 3: Does Baffinland intend to provide a
9 report or a memo describing our monitoring actions?
10 Yes. Those will be documented in our marine
11 environmental effects monitoring program report as they
12 always are, which is pending completion. We also
13 document those findings in our annual report to NIRB to
14 the Board. That includes sort of our full coverage of
15 all our aquatic invasive species monitoring to date.

16 Just for the Board's clarification, to date, we
17 still have no confirmed evidence of invasive species at
18 site, but we do thank DFO for the additional
19 information provided. We will be responding to that,
20 and we look forward to working with DFO further on this
21 species that's been put on our watch list. Thank you.

22 THE CHAIR: Fisheries and Oceans Canada,
23 Gabriel Bernard-Lacaille.

24 MR. BERNARD-LACAILLE: Thank you, Madam Chair.
25 Gabriel Bernard-Lacaille with Fisheries and Oceans
26 Canada. Thank you, Phil, for the responses.

1 Before I -- I have one quick clarification
2 question on -- on your response, Phil, but prior to
3 that, I would just like to state that Fisheries and
4 Oceans is happy to provide the Board and intervenors
5 with the information that Ms. Meadows has requested,
6 and we're happy to provide a copy of the paper we
7 reference either with the NIRB registry or -- or in our
8 closing comments.

9 However, we would like to note that the paper is
10 publicly available scientific literature. Therefore,
11 it's publicly available online and -- and can be
12 referenced by all parties. But, again, as I said,
13 we're happy to provide as requested by the NIRB.

14 So moving to Phil's response, I have two quick
15 clarification questions. Can you respond to the time
16 frames? So when do you intend to send the species for
17 identification? And my second question is: Are the
18 specimens conserved in ethanol or in another substance?
19 Thank you, Madam Chair.

20 THE CHAIR: Baffinland, Megan Lord-Hoyle.

21 MS. LORD-HOYLE: Megan Lord-Hoyle. I'll ask
22 Phil Rouget to follow up. Thank you.

23 THE CHAIR: Phil Rouget.

24 MR. ROUGET: Thank you, Madam Chair. Phil
25 Rouget, Golder Associates. And thank you, Gabriel, for
26 the questions.

1 So when we're doing our infaunal sampling, the
2 sediment sampling, those samples get sieved in the
3 field, and they get stored in formalin, and then when
4 we do our targeted sampling for DNA barcoding, those
5 samples get stored in ethanol.

6 During our infaunal samples for which there were
7 *M. viridis* specimens included, they have been sent to
8 the specialist already. So those are being processed.
9 Because when we targeted sampling in 2020 for that
10 species and didn't find any, we don't have any
11 specimens to send that specialist and ethanol
12 recognizing that's the optimal means for that -- or the
13 only means for that DNA barcoding to happen.

14 So our plan is to try again in 2021 and try
15 looking for the specimen and preserving it in the
16 ethanol, and then sending it to the lab. Just for the
17 Board's understanding, this specimen and the species is
18 very small, and it's locked into sediment along with
19 hundreds of other specimens. So it's not easy to take
20 a sediment sample, tease it apart, find that particular
21 organism, and preserve it. It's -- it's done in a
22 laboratory post-collection.

23 And that's why there's a difference. When you do
24 targeted sampling, you either get it or you don't.
25 Just the fact that we tried targeted sampling to the --
26 to the intensity we did tells us that the species is

1 not prolific in that receiving environment.

2 I believe that should answer your question. Thank
3 you.

4 THE CHAIR: Fisheries and Oceans Canada,
5 Gabriel Bernard-Lacaille.

6 MR. BERNARD-LACAILLE: Thank you, Madam Chair.
7 Gabriel Bernard-Lacaille with Fisheries and Oceans
8 Canada. Thank you, Phil, for the response. That
9 provides the clarification Fisheries and Oceans was
10 looking for.

11 For the benefit of -- of people listening to the
12 hearing, Fisheries and Oceans understands that this is
13 a highly technical subject. So we'd just like to say
14 that the objective of our lines of questionings and
15 comments right now in regards to the worm is that we're
16 talking about four worms that are very similar and look
17 the same.

18 However, three of them are common, and their home
19 is in the Arctic, and one of them is not, and,
20 therefore, it has the potential to be invasive. So
21 that is the objectives of the questions that we have
22 asked Baffinland.

23 So thank you for the opportunity, Madam Chair, and
24 before passing the microphone along to other Government
25 of Canada intervenors, we'd just like to state that
26 prior to seeing additional information that was just

1 discussed by Baffinland, DFO is unable to share their
2 opinion that there exists at this moment strong
3 evidence that demonstrates that *M. viridis* does not
4 have invasive characteristics at and around Milne Port.

5 Therefore, DFO is of the opinion that proactive
6 measures and a response plan should be developed until
7 more evidence demonstrates that *M. viridis* is not
8 invasive, and DFO is happy to collaborate with
9 Baffinland in the development of these measures and
10 response plan. Thank you, Madam Chair.

11 THE CHAIR: Crown-Indigenous Relations and
12 Northern Affairs Canada, Spencer Dewar.

13 MR. DEWAR: Qujannamiik, Madam Chair.
14 Spencer Dewar, Crown-Indigenous Relations and Northern
15 Affairs Canada.

16 I'd like to turn it over to Jaideep Johar with
17 Transport Canada.

18 THE CHAIR: Transport Canada, Jaideep
19 Johar. There's no sound.

20 Transport Canada Questions Baffinland Iron Mines
21 Corporation

22 MR. JOHAR: Good morning, Madam Chair.
23 Can you hear me?

24 THE CHAIR: Yes. You may proceed.

25 MR. JOHAR: Thank you. Good morning,
26 Madam Chair. My name is Jaideep Johar, and I work for

1 Transport Canada.

2 In regards to Baffinland's reference to Transport
3 Canada's review of the spill-at-sea response plan,
4 Transport Canada notes that Term and Condition 92 of
5 the Project Certificate 00 --

6 THE CHAIR: Sorry.

7 MR. JOHAR: -- 5 --

8 THE CHAIR: Mr. Johar, can you pause.
9 There's no interpretation feed. Can you please start
10 from the beginning.

11 MR. JOHAR: Roger, Madam Chair. Good
12 morning, Madam Chair. Jaideep Johar from Transport
13 Canada.

14 In regards to Baffinland's reference to Transport
15 Canada's review of the spill-at-sea response plan,
16 Transport Canada notes that Term and Condition
17 Number 92 of the project certificate states that:
18 (as read)

19 The proponent shall ensure that it maintains
20 the necessary equipment and trained personnel
21 to respond to all sizes of potential spills
22 associated with the project in a
23 self-sufficient manner.

24 Transport Canada would also like to note that
25 spill-at-sea response plan is not the TC's regulatory
26 requirement. However, in reviewing the plan, Transport

1 Canada noted that some of the elements of the plan do
2 not fully align with the regulatory requirements.
3 Baffinland also noted that it would update the plan
4 with recommendations made by Transport Canada if
5 Phase 2 was approved.

6 In particular, a recommendation made by Transport
7 Canada on compliance with Arctic shipping safety and
8 pollution prevention regulations, restrictions on the
9 use of oily water separator, application of consistent
10 definition of the term "open water" for regulatory
11 compliance, which is defined as: (as read)

12 Freely navigable water in which sea ice is
13 present in concentrations less than 1 by 10
14 and that no ice of land origin is present.

15 Reporting requirements in case of a spill and the
16 proponent's ability to maintain its preparedness and
17 have the capacity to respond to a spill during fuel
18 transfer at the oil handling facility in the event that
19 there is also a spill from transiting vessel allowing
20 the shipping route at the same time.

21 The above recommendations made by Transport Canada
22 are also relevant to the current project, and TC,
23 Transport Canada, would request Baffinland to confirm
24 if Baffinland will update the plan with the Board
25 recommendations regardless of whether Phase 2 is
26 approved. Thank you, Madam Chair.

1 THE CHAIR: Baffinland, Megan Lord-Hoyle.

2 MS. LORD-HOYLE: Megan Lord-Hoyle.

3 I'm going to pass the response over to Lou
4 Kamermans, and before he responds to Mr. Johar, Madam
5 Chair, he'd like to provide a brief statement and
6 response to Fisheries and Oceans Canada. Thank you.

7 THE CHAIR: Lou Kamermans.

8 MR. KAMERMANS: Thank you, Madam Chair. Lou
9 Kamermans, Baffinland.

10 Just with respect to the line of questioning from
11 Fisheries and Oceans, I appreciate that they are in
12 receipt of some new material, and we look forward to
13 reviewing that and discussing how it applies to our
14 reporting programs.

15 But I want to make it clear we've worked on this
16 issue in a very transparent manner through our
17 monitoring programs and reporting. It's been the
18 subject of discussion at marine environment working
19 group meetings, and the topic of aquatic invasive
20 species in relation to Phase 2 has also been the
21 subject of much discussion between Baffinland and
22 Fisheries and Oceans.

23 We've also made an important commitment with
24 Transport Canada and Fisheries and Oceans with respect
25 to ballast water monitoring. All of this is to say
26 regardless of the information that Fisheries and Oceans

1 is referring to, in our view, that -- that doesn't
2 change any of our commitments in relation to aquatic
3 invasive species and rapid response planning. We're
4 actually already carrying out our response consistent
5 with those commitments.

6 We're -- and new information may have come to
7 light. We've -- we've not had a chance to review.
8 It's not been previously provided to us. But I just
9 want to assure the Board that our commitments to our
10 aquatic invasive species monitoring are robust, and our
11 response plan is consistent with Fisheries and Oceans,
12 and we plan to continue to work with them and through
13 that system on this and with the marine environment
14 working group.

15 As for the comments from Transport Canada, we
16 appreciate the review they have provided to date of the
17 spill-at-sea response plan, and we can commit to making
18 those updates to the plan regardless of the outcome for
19 Phase 2, and I'd also note that this plan will -- will
20 be a living document throughout the operation of the
21 project, and we would invite regular review by
22 Transport Canada to ensure the plan's updated to the
23 most recent regulations and that those are communicated
24 to us in a timely manner. Thank you.

25 THE CHAIR: Transport Canada, Jaideep
26 Johar.

1 MR. JOHAR: Good morning, Madam Chair.
2 Jaideep Johar, Transport Canada.

3 Thank you very much for considering our
4 recommendations, and we look forward to work with
5 Baffinland in reviewing the plan and providing them
6 with updates as required. Thank you.

7 THE CHAIR: Crown-Indigenous Relations and
8 Northern Affairs Canada, Spencer Dewar.

9 MR. DEWAR: Qujannamiik, Madam Chair.
10 Spencer Dewar, Crown-Indigenous Relations and Northern
11 Affairs Canada.

12 I'd like to turn the questioning over to
13 Environment Canada and Climate Change, Anna Graham,
14 please.

15 THE CHAIR: Environment and Climate Change
16 Canada, Anna Graham.
17 Environment and Climate Change Canada Introduces an
18 Exhibit to be Reviewed

19 MS. GRAHAM: Hello, everyone. Anna Graham,
20 Environment and Climate Change Canada.

21 I'd like to take this opportunity to introduce an
22 exhibit that Environment and Climate Change Canada
23 would like to put forward. In our final written
24 submission, we recommended that Baffinland's vessels
25 use distillate fuel in the Canadian exclusive economic
26 zone.

1 However, we did not explicitly indicate that we
2 propose that a term and condition be developed to
3 reflect this recommendation. The exhibit submitted to
4 the Board is Environment and Climate Change Canada's
5 formal recommendation for a term and condition with
6 proposed specific language. I would invite
7 intervenors, the Board, and Baffinland to review this
8 exhibit. Thank you.

9 THE CHAIR: NIRB legal counsel.

10 MS. MEADOWS: Thank you, Madam Chair.

11 Teresa Meadows, legal counsel for the Nunavut Impact
12 Review Board.

13 So, Madam Chair, the Board will circulate the
14 proposed exhibit by Environment and Climate Change
15 Canada to all the parties. We can also make
16 arrangements to print it out in hard copy for the
17 participants that are here to take a look.

18 It is -- my understanding from Environment and
19 Climate Change Canada is that the potential language
20 for the proposed term and condition has been circulated
21 with Baffinland and with World Wildlife Fund, both of
22 whom obviously have an interest in this particular
23 exhibit and the particular wording.

24 I propose to mark this as an exhibit, not enter it
25 yet, until parties have had a chance to take a look at
26 it, and propose that we -- when we reconvene on

1 Thursday, that parties can provide us with their
2 direction as to whether or not they have any objections
3 to this material being filed. Thank you, Madam Chair.

4 THE CHAIR: Environment and Climate Change
5 Canada, Anna Graham.

6 MS. GRAHAM: Thank you, Madam Chair.
7 Environment and Climate Change Canada has no questions.

8 THE CHAIR: Crown-Indigenous Relations and
9 Northern Affairs Canada, Spencer Dewar.

10 Crown-Indigenous Relations and Northern Affairs Canada
11 Questions Baffinland Iron Mines Corporation

12 MR. DEWAR: Qujannamiik, Madam Chair.
13 Spencer Dewar, Crown-Indigenous Relations and Northern
14 Affairs Canada.

15 We have one final question for Baffinland. We're
16 seeking for Baffinland to further elaborate or explain
17 their understanding of how the Inuit stewardship
18 committee would work with the various marine,
19 terrestrial, freshwater environmental working groups.
20 Thank you.

21 THE CHAIR: Baffinland, Megan Lord-Hoyle.

22 MS. LORD-HOYLE: Megan Lord-Hoyle, Baffinland.

23 Madam Chair, this is an item we were actually
24 expecting to go through on our response day, if it
25 would be all right to -- to save the time and take the
26 opportunity at that time. Thank you.

1 THE CHAIR: Crown-Indigenous Relations and
2 Northern Affairs Canada, Spencer Dewar.

3 MR. DEWAR: Spencer Dewar,
4 Crown-Indigenous Relations and Northern Affairs Canada.
5 That sounds reasonable. Thank you.

6 THE CHAIR: Are there any further
7 questions from the Government of Canada departments?

8 MR. DEWAR: Spencer Dewar,
9 Crown-Indigenous Relations and Northern Affairs Canada.
10 Not at this time. Thank you.

11 THE CHAIR: We'll take a break until
12 10:30.

13 (ADJOURNMENT)

14 THE CHAIR: Welcome back, everyone.

15 Just a reminder to participants who are joining us
16 today, we're -- this is the follow-up section of the
17 technical session where the registered intervenors and
18 the proponent have allotted time to be able to ask each
19 other questions in regards to their written questions.
20 So parties may ask questions of Baffinland or any of
21 the other registered intervenors.

22 Next on the agenda -- the next registered
23 intervenor is the Hamlet of Pond Inlet. Frank Tester.

24 MR. TESTER: Thank you, Madam Chair. Frank
25 Tester, technical advisor, Hamlet of Pond Inlet.

26 My feed cut out during the DFO, so I'm glad to

1 find that I'm back online.

2 The questions that we have to ask are for
3 Baffinland.

4 Hamlet of Pond Inlet Questions Baffinland Iron Mines
5 Corporation

6 MR. TESTER: One of the ongoing issues in
7 relationship to Phase 2 is in fact the viability of the
8 current operation, and in Hamlet of Pond Inlet Question
9 Number 1, we asked Baffinland what was included in its
10 capital cost analysis going forward, and Baffinland
11 responded appropriately and said that only sustaining
12 capital costs had been included. So our question is
13 one that seeks a little further clarification. Does
14 the term "sustaining capital costs" mean only the costs
15 of maintaining capital infrastructure, or is anything
16 else included in this?

17 And a second question in the interests of time is:
18 Why are past prices rather than projected prices for
19 ore used in the viability calculation, given that the
20 calculation deals with viability going forward?

21 THE CHAIR: Baffinland, Megan Lord-Hoyle.

22 MS. LORD-HOYLE: Megan Lord-Hoyle, Baffinland.

23 Madam Chair, our expert who was identified as
24 answering this question in the written responses is
25 just dialing into the meeting right now. If I could
26 ask that we move on to perhaps the next question or a

1 different topic while he is calling in, and he'll need
2 to be sworn in. If we could come back to this. Thank
3 you.

4 THE CHAIR: Hamlet of Pond Inlet, Frank
5 Tester.

6 MR. TESTER: Thank you, Megan. That's
7 quite agreeable with me.

8 In the second question that we put to Baffinland,
9 the hamlet asked whether formal, meaning formative or
10 summative evaluations have been done of training
11 programs. Baffinland's response was that the
12 evaluations of training programs are done on a
13 continuing basis between QIA and Baffinland. Are we
14 correct in assuming that the answer with regard to
15 formative or summative evaluations is, no, that there
16 have not been any formal evaluations either taken while
17 courses were in progress or upon completion and that
18 there is no data available that gives a clear and
19 unbiased picture of what is being or has been learned
20 and how participants feel about what they're learning
21 and how they are being instructed?

22 THE CHAIR: Baffinland, Megan Lord-Hoyle.

23 MS. LORD-HOYLE: Megan Lord-Hoyle, Baffinland.

24 I'll ask Matthew Clark to answer this question, who is
25 present in the Iqaluit location. Thank you.

26 THE CHAIR: Matthew Clark.

1 MR. CLARK: (INUKTITUT SPOKEN), Madam
2 Chair. Matthew Clark, Baffinland.

3 So on an ongoing basis, we review all of our
4 training with female participants and completion rates.
5 That's done for both Q-step training, heavy equipment
6 operator's training, apprenticeship training as well,
7 always factoring the number of females and the success
8 rates and anything that Baffinland can do to support
9 females to be successful in training. (INUKTITUT
10 SPOKEN).

11 THE CHAIR: Hamlet of Pond Inlet, Frank
12 Tester.

13 MR. TESTER: Thanks for that. Frank
14 Tester, technical advisor, Hamlet of Pond Inlet.

15 But that doesn't really answer the question. I
16 asked if there was any formal -- and this is a term
17 that's used in evaluation research -- or summative
18 evaluations done of the training programs, and I gather
19 that there are no formative or summative evaluations
20 done and that there is, therefore, no data available as
21 I indicated.

22 With regard to completion interviews, though,
23 which you have mentioned, what is the completion rate
24 for exit interviews? And it does go without saying
25 that one cannot be forced to take such an interview,
26 but what is the percentage of interviews that are

1 completed in relationship to the number of employees
2 who are leaving in any given year?

3 THE CHAIR: Baffinland, Megan Lord-Hoyle.

4 MS. LORD-HOYLE: Megan Lord-Hoyle, Baffinland.

5 I'll ask Matthew Clark to provide the follow-up.

6 Thank you.

7 THE CHAIR: Matthew Clark.

8 MR. CLARK: Matthew Clark, Baffinland.

9 Frank, I don't have that data readily available.
10 That said, I can -- I can certainly put it together and
11 provide it, but that will just take me a little bit of
12 time.

13 You're correct that no formal evaluations have
14 been done. It's something that certainly could be
15 considered, but I will certainly put the data together
16 in terms of exit interviews completed, and I can
17 provide that after the fact. (INUKTITUT SPOKEN).

18 THE CHAIR: Hamlet of Pond Inlet, Frank
19 Tester.

20 MR. TESTER: Frank Tester, technical
21 advisor, Hamlet of Pond Inlet.

22 Thanks for that, Matthew, and the hamlet would
23 appreciate seeing the results of either formative or
24 summative interviews so that it can better appreciate
25 the employment and training experience of Baffinland
26 and employees from the community.

1 With regard to the exit interviews, who does the
2 interviews and are the results anonymous? Like, what
3 has been done or what, if any, steps have been taken to
4 address the fear that some employees might have that if
5 they reveal certain things or have any critical
6 comments to make, that they -- this might affect their
7 possibility of being rehired? So what -- what steps
8 have been taken to protect anyone who is exiting from
9 the employment at Baffinland? Thank you.

10 THE CHAIR: Baffinland, Megan Lord-Hoyle.

11 MS. LORD-HOYLE: Megan Lord-Hoyle.

12 Again, I'll ask Matthew Clark to provide the
13 response, but, Madam Chair, we do have Michael Anderson
14 now signed into Zoom who will be able to provide the
15 response to the economic questions asked, and I have
16 provided those questions to him in advance as well, if
17 you'd like to call on him when ready to answer. Thank
18 you.

19 THE CHAIR: Matthew Clark.

20 MR. CLARK: (INUKTITUT SPOKEN), Madam
21 Chair. Matthew Clark, Baffinland.

22 Exit interviews are currently conducted by site
23 human resources. They're done in a manner that -- that
24 certainly is open and records everything that is said.
25 Baffinland is committed to rehiring Inuit that leave
26 Baffinland. We have a number of other resources for

1 employees to report anything of concern as well. This
2 can be done confidentially, or it can be done through
3 one of our Inuit team members.

4 Baffinland has the whistleblower phone line, which
5 is a 1-800 phone line, that any employee can call to
6 report any concerns, and that -- that call goes
7 directly to the president for investigation and review.

8 We also have cultural advisors at site. The
9 cultural advisors are Inuit team members that are
10 available and can speak with Inuit employees in
11 Inuktitut or in English and can certainly listen and
12 pass on any concerns.

13 We have a number of Inuit team members on the site
14 human resources team, including HR advisors, Inuit
15 relations, HR admin, et cetera.

16 Baffinland also has Inuit success team members
17 that are at site that are available for employees to
18 speak to to raise any concerns, and the Inuit success
19 team members are an avenue to ensure that those
20 concerns are heard by site management. (INUKTITUT
21 SPOKEN).

22 THE CHAIR: Michael Anderson.

23 MR. ANDERSON: Madam Chair, can you hear me?

24 THE CHAIR: Yes. You may proceed.

25 MR. ANDERSON: My name is Michael Anderson.

26 I'm with Baffinland. I haven't been sworn in at this

1 point.

2 THE CHAIR: NIRB legal counsel.

3 MS. MEADOWS: Thank you, Madam Chair.

4 Teresa Meadows, legal counsel for the Nunavut Impact
5 Review Board.

6 If I can have the witness spell his name for the
7 record, please.

8 MR. ANDERSON: (AUDIO FEED LOST) N-S-O-N.

9 THE CHAIR: Your screen froze.

10 Legal counsel.

11 MS. MEADOWS: Thank you, Madam Chair.

12 I will take it that the spelling of your name when
13 you signed in, that is appearing on the screen, is
14 correct, so I will administer the affirmation. And if
15 you can say your name and then "I so affirm" following
16 that affirmation, we will consider you to be affirmed
17 for the purposes of the answer that you are about to
18 give.

19 MICHAEL ANDERSON, Affirmed

20 MS. MEADOWS: Teresa Meadows, legal counsel
21 for the Nunavut Impact Review Board. Thank you, Madam
22 Chair. Those are my procedural matters.

23 THE CHAIR: Michael Anderson.

24 MR. ANDERSON: Thank you, Madam Chair.

25 As I understand it from the question that was
26 asked (AUDIO FEED LOST) capital cost relate to --

1 THE CHAIR: Michael Anderson, your screen
2 is freezing. Perhaps if you turn your camera off.
3 Your sound is constantly interrupted.

4 MR. ANDERSON: Can you hear me, Madam Chair?

5 THE CHAIR: Yes. You may proceed.

6 MR. ANDERSON: Sorry.

7 So as I understand it, the first question that was
8 asked was: Does the term "sustaining capital cost"
9 relate to anything other than just infrastructure.

10 So in response to that question, sustaining
11 capital, as it relates to (AUDIO FEED LOST).

12 THE CHAIR: Michael Anderson, your feed
13 keeps freezing. If you can please call in instead
14 through the phone line.

15 We'll go back to Hamlet of Pond Inlet, Frank
16 Tester.

17 Legal counsel.

18 MS. MEADOWS: Thank you, Madam Chair.

19 Teresa Meadows, legal counsel for the Nunavut Impact
20 Review Board.

21 So, Madam Chair, I just want to clarify for all
22 the parties that the Hamlet of Pond Inlet's time has
23 been suspended during all of this discussion back and
24 forth, so Mr. Tester is not on the clock while we're
25 trying to get the technical issues sorted out. Thank
26 you, Madam Chair.

1 THE CHAIR: Hamlet of Pond Inlet, Frank
2 Tester.

3 MR. TESTER: Thank you, Madam Chair, and
4 thank you, Teresa Meadows, for advising me of that.
5 Much appreciated. Frank Tester, technical advisor,
6 Hamlet of Pond Inlet.

7 In the third question put to Baffinland, the
8 hamlet asked why a more extensive and comprehensive
9 assessment of the effects of shipping and icebreaking
10 on ringed seal had not been undertaken, given their
11 primary importance to Mittimatalingmiut as a country
12 food source. And I want to emphasize the words
13 "primary importance".

14 Baffinland responded that it had done an extensive
15 and comprehensive assessment of project impacts on seal
16 and their importance as a source of country food, and
17 it referred the hamlet to 16 documents, only two of
18 which contained information dealing with impacts on
19 seals. I'm sure that that was an error of some sort,
20 but Technical Document Number 24 deals with modelling
21 for disturbance effects, hearing impairment, masking of
22 communication, and predictions for habitat loss and
23 vessel strikes, and this is primarily in relationship
24 to construction of a second terminal, should that take
25 place. A single-point population estimate by Murkowski
26 in 2018 is referenced.

1 Is it fair to say that in this document, there is
2 no current extensive and comprehensive assessment of
3 population other than the estimate mentioned, and for
4 Milne Inlet and Eclipse Sound, no assessment of pupping
5 rates, physical health, feeding rates, and patterns in
6 relation to seasons or change in food availability at
7 different times of the year or territorial behaviour at
8 different times of the year, and information, much of
9 which might be relevant to the effects of shipping?

10 THE CHAIR: Baffinland, Megan Lord-Hoyle.

11 MS. LORD-HOYLE: Megan Lord-Hoyle. I'll ask
12 Phil Rouget to provide the response. Thank you.

13 THE CHAIR: Phil Rouget.

14 MR. ROUGET: Thank you, Madam Chair. Phil
15 Rouget.

16 Thank you, Mr. Tester, for the opportunity to
17 clarify this question of yours to the Board.

18 I'll start off by saying that the level of
19 assessment completed for ringed seal in the project
20 area is commensurate with the level of risk or key
21 issue that the communities had over concerns related to
22 project activities on ringed seal.

23 That is, again, in light of the mitigation
24 measures that were introduced to avoid and to reduce
25 those impacts as part of that assessment.

26 When I hear the intervenor's questions, a lot of

1 it is centered around pupping rates, mating behaviour,
2 nursing. Those concerns have been heard very clearly
3 by us and by Baffinland, which is the reason that those
4 critical life cycle periods are completely avoided by
5 the project. Through mitigation, we have zeroed those
6 impacts by not interfering or interacting with them.
7 That's not to say there's no impacts on ringed seal.
8 Our assessment clearly acknowledges those impacts.
9 They are identified as limited to ship strikes and
10 acoustic effects from shipping and/or construction
11 noise, as you pointed out.

12 Mitigation was also introduced to mitigate for
13 those activities during the shoulder season and open
14 water season. This includes the speed restrictions
15 that effectively minimize and/or avoid the potential
16 for ship strikes. Residual effects post-mitigation are
17 limited to disturbance effects from ship noise and
18 masking, as clearly documented in the effects
19 assessment.

20 Those impact predictions, as part of the ERP, or
21 early revenue phase addendum, were identified with high
22 confidence. Monitoring programs for the project are
23 intended to focus on predictions associated with low to
24 moderate confidence, also they're focused on key
25 issues, and they're also intended to focus on species
26 that are considered at risk.

1 At the time of the assessment, none of those three
2 items were triggered. That's, again, not to say that
3 we don't adaptively manage throughout the course of the
4 project when these issues, later on, become identified
5 as a point of concern, which is why we have proposed to
6 carry on monitoring targeted at ringed seals to look
7 specifically at changes in density/relative abundance
8 in the project area. We do have a baseline for
9 comparison through surveys for ringed seal specifically
10 that were done between 2006 and 2008. We also did
11 aerial surveys for the same purpose in 2014 at the
12 start of the project. We did not engage in monitoring
13 for ringed seal of a similar nature in 2016 and 2017
14 because DFO themselves had their ringed seal monitoring
15 program occurring that year, so that would have
16 basically been redundant to do the same survey in the
17 same area.

18 Further to that, we have an extensive ship-based
19 observer program where we record changes in relative
20 abundance of ringed seal as well as changes in
21 behaviour in relation to icebreaking effect. And, of
22 course, ringed seal are documented through our aerial
23 survey program, as we've noted in our response to
24 Frank Tester's written submission.

25 So, in closing, I would say that the level of
26 assessment is perfectly adequate for this species,

1 particularly at the time of completing the assessment,
2 recognizing that we're unusually in Year 3 of an EA
3 process, and we're adapting as we should be. Thank
4 you.

5 THE CHAIR: Michael Anderson.

6 MR. ANDERSON: (NO VERBAL RESPONSE)

7 THE CHAIR: Hamlet of Pond Inlet, Frank
8 Tester.

9 MR. TESTER: Thank you, Madam Chair.

10 Frank Tester, technical advisor, Hamlet of Pond Inlet.

11 With regard to that same document, how has the IQ
12 information with regard to seal that you've been given
13 been integrated into the content of TSD-24 and the ten
14 pages of this 120-some-odd-page document that deals
15 with seals? Why has it not been cited or referenced in
16 relationship to modelling of disturbance effects,
17 et cetera? In other words, how exactly has it been
18 used, and how does it affect the conclusions that have
19 been reached?

20 THE CHAIR: Baffinland, Megan Lord-Hoyle.

21 MS. LORD-HOYLE: Megan Lord-Hoyle. I'll ask
22 Phil Rouget to provide the follow-up. Thank you.

23 THE CHAIR: Hamlet of Pond Inlet, this is
24 your seven-minute warning.

25 Baffinland, Phil Rouget.

26 MR. ROUGET: Thank you, Madam Chair. Phil

1 Rouget, Golder Associates.

2 The question from Mr. Tester is how has IQ
3 information about seal been integrated into the marine
4 mammal effects assessment.

5 So I provided a response yesterday that was more
6 fulsome in terms of how IQ is incorporated into our
7 effects assessment, so I would encourage Mr. Tester to
8 review that segment of the record for a more
9 comprehensive response, but in consciousness of time,
10 we basically initially relied on the workshops and the
11 interviews with Elders from the early stages of the
12 project to identify critical periods that were of
13 concern by Inuit, namely, those that I identified in my
14 previous response, breeding period, pupping, nursing,
15 and that formulated into a plan for developing
16 mitigation specific for avoiding those concerns.

17 We also included an extensive list of
18 information -- I believe it was in one of the
19 attachments to TSD-24, which provided a comparative
20 description of what was basically captured in
21 Technical Support Document 3 in terms of available IQ
22 for ringed seal and all marine mammal species, more of
23 a summary of the marine mammal IQ record from that
24 document and other available documents, and the
25 intention there was to basically have it as a
26 supplement to the western science summary.

1 We also work closely with Inuit on all our
2 monitoring programs, and we try our best to integrate
3 their observations throughout the program. I do
4 recognize that's not formal IQ as you recognize it, but
5 my job is to listen to Inuit and to document their
6 observations and to clearly articulate where they're in
7 agreement and where they're not in agreement with the
8 western science data.

9 That occurs in a number of different ways. Some
10 of it, which involves Inuit actually being involved in
11 the recording aspects of the monitoring reports, but
12 also through interviews post-program to document their
13 overall observations from working on that program that
14 season.

15 Our sections -- or our chapters specifically refer
16 back to TSD-03 as a sort of a companion chapter in the
17 EA, so that is probably the reason why you're not
18 seeing explicit quotes or references in our document,
19 but the intention is that the EA is the deliverable or
20 the submission as an overall package, and, therefore,
21 we felt it was probably redundant in a document of that
22 size to repeat it.

23 In future, we'd probably look at that option just
24 to make sure it's clear to all parties that we do
25 actively integrate IQ as much as possible. Thank you.

26 THE CHAIR: Hamlet of Pond Inlet. Frank

1 Tester, you have two minutes left.

2 MR. TESTER: Thank you, Madam Chair.

3 Frank Tester, technical advisor, Hamlet of Pond Inlet.

4 In the interest of time, I just want to deal
5 briefly with the question of seal and food security.

6 The available data that's been presented in
7 references, to which we referred were done by
8 Knight Piésold in 2019, deal with harvest quantities
9 data collected between 1996 and 2001. There is nothing
10 more recent than that.

11 Food security is not merely a function of the
12 numbers of the species that are harvested, but changes
13 in the population of the community of Pond Inlet, and
14 these have been considerable over the time period in
15 question. There's no data presented in this regard.

16 As a significant food source, there's no estimate
17 of the value of the protein and other nutrients from
18 seal and how that value may have changed in
19 relationship to store-bought substitutes over time, and
20 the absence of information like this -- and I could go
21 on at length -- presumably explains why Baffinland is
22 now funding, through QIA, a comprehensive food security
23 study in Pond Inlet. So on what basis can you say that
24 you, quote, did: (as read)

25 Undertake an extensive and comprehensive
26 assessment of project impacts on ringed seal

1 and their importance as a country food for
2 Mittimatalingmiut?

3 THE CHAIR: Michael Anderson, are you now
4 on the line?

5 MR. ANDERSON: (NO VERBAL RESPONSE)

6 THE CHAIR: It doesn't sound like he's on
7 the phone line. Moving on --

8 MS. LORD-HOYLE: Madam Chair -- sorry. This is
9 Megan Lord-Hoyle. Michael Anderson is on the phone
10 line.

11 I believe it's "Star 4" to unmute, Michael, and
12 we've identified to the technicians his phone number to
13 help.

14 MR. ANDERSON: Thank you, Madam Chair. Can
15 you hear me now?

16 THE CHAIR: Yeah. You may proceed.

17 MR. ANDERSON: Thank you. I apologize for
18 the technical difficulties on my end.

19 In response to question -- the first question,
20 which was, as I understand it, does the term
21 "sustaining capital cost" mean only the cost of
22 sustaining capital infrastructure. When we talk about
23 sustaining capital, that includes capital that is
24 required to maintain buildings; maintain equipment, so
25 major overhauls on our large mining fleet; as well as
26 any sustaining -- or regulatory costs associated with

1 dust mitigation, expansions to sedimentation ponds,
2 those types of things. Replacement of equipment as it
3 wears out, that is what is included within sustaining
4 capital costs.

5 On the second question about -- it asks: Why are
6 past prices for ore used in the variability
7 calculation -- the viability calculation? We have --
8 we don't use past pricing for any of our economic
9 analysis going forward. We use forward-looking pricing
10 based on industry analysts and their consensus pricing.

11 Thank you, Madam Chair.

12 THE CHAIR: Baffinland, Megan Lord-Hoyle.

13 MS. LORD-HOYLE: Megan Lord-Hoyle, and thanks
14 for your patience and everyone's patience in that.

15 I'll ask Lou Kamermans to respond to the last
16 question. Thank you.

17 THE CHAIR: Lou Kamermans.

18 MR. KAMERMANS: Thank you, Madam Chair.

19 Lou Kamermans, Baffinland.

20 Just to briefly address the intervenor's comments
21 related to our food security assessment, we do believe
22 we have objectively completed a comprehensive study
23 based on the information that was available to us. We
24 certainly looked at it from a broader view than was
25 suggested by the intervenor, that it's just a matter of
26 availability. We understand there's multiple factors

1 affecting food security. I've raised this multiple
2 times in responses to questions to many intervenors,
3 that you have to consider not just availability, but
4 also access and the quality of food as well as use, how
5 it's used, prepared, and I think that includes how
6 traditional knowledge and traditional hunting is passed
7 on from generation to generation.

8 That's the approach advocated for by the Nunavut
9 food security coalition, so that's the approach we
10 adopted in our food security assessment. And just to
11 go over the conclusions with the Board in simple terms
12 is -- Phase 2, when it comes to country food and
13 traditional harvesting, we propose that it's well
14 supported; that we can maintain the availability and
15 quality of wildlife stocks that Inuit depend on for
16 harvesting. And as to the many benefit enhancement
17 programs provided for under the existing project as
18 well as under the Inuit Certainty Agreement, we can
19 actually enhance Inuit access to those wildlife stocks
20 and the transfer of traditional harvest knowledge and
21 skills.

22 Some programs worth highlighting here in the
23 communities would be funding the Tasiuqtiit working
24 group. This working group is composed of the Hamlet of
25 Pond Inlet and the Mittimatalik Hunters and Trappers
26 Organization and intended to invest the money received

1 to this point -- and proposed under Phase 2 is \$10,000
2 per vessel required to transport Baffinland's iron ore
3 to market -- that those funds to be used to support
4 programs that support local harvesters and the steady
5 supply of country food into the community, if that's
6 how they choose to spend those funds.

7 Those funds could also be spent on programs
8 designed to enable knowledge transfer between Elders
9 and youth. That could be on-the-land camps but, again,
10 entirely at the discretion of the Hamlet of Pond Inlet
11 and the Mittimatalik Hunters and Trappers Organization.

12 I want to be clear, our food security assessment
13 was very comprehensive. It looked at all available
14 information including not just wildlife harvesting, but
15 the historic factors affecting food security as well as
16 the current status of food security in the communities.
17 It also went over community perspectives, and only
18 after providing that information and understanding does
19 it go into the project effects. Thank you.

20 THE CHAIR: Moving on on the registered
21 intervenors list, Mittimatalik Hunters and Trappers
22 Organization, Eric Ootoovak.

23 Mittimatalik Hunters and Trappers Organization
24 Questions Qikiqtani Inuit Association, Fisheries and
25 Oceans Canada, Parks Canada, Baffinland Iron Mines
26 Corporation, Government of Nunavut, Hamlet of

1 Clyde River and Clyde River Hunters and Trappers
2 Organization, Hamlet of Igloolik and Igloolik Hunters
3 and Trappers Organization, Sanirajak Hamlet and
4 Sanirajak Hunters and Trappers Organization,
5 Crown-Indigenous Relations and Northern Affairs Canada
6 MR. OOTOOVAK: Thank you, Madam Chair.

7 I would just like to note for the record,
8 Iksivauta, that we've asked for additional time to ask
9 questions and were not granted. However, other parties
10 who have asked for additional time were granted
11 additional time by the Board, but did not ask any
12 questions. It's unfortunate that we will be limited
13 this way, and I will proceed with my questions.

14 The first question is a -- is directed to the
15 Qikiqtani Inuit Association.

16 The Qikiqtani Inuit Association's engagement
17 summary that was accepted by the Board last week
18 suggests that QIA -- sorry -- Qikiqtani Inuit
19 Association met and sought hunters and trappers
20 organization and hamlet input about the Inuit Certainty
21 Agreement and Phase 2.

22 Although Mittimatalik Hunters and Trappers
23 Organization disagrees that the document properly
24 captures the Mittimatalik Hunters and Trappers
25 Organization involvement and input, we are curious
26 whether the work that Qikiqtani Inuit Association did,

1 that is outlined in the document, led to the decision
2 not to support Phase 2. And given the time it spent on
3 the Inuit Certainty Agreement, could Qikiqtani Inuit
4 Association outline the reasons it has decided not to
5 support Phase 2. That's my question for Qikiqtani
6 Inuit Association.

7 THE CHAIR: Qikiqtani Inuit Association,
8 Jared Ottenhof.

9 MR. OTTENHOF: Jared Ottenhof, Qikiqtani
10 Inuit Association. Thank you, Eric, for the question.

11 Engagement with the impacted communities on the
12 Inuit Certainty Agreement was part of why the Qikiqtani
13 Inuit Association board decided not to support Phase 2.
14 The decision was also based on community feedback
15 received during the life of the mine so far up to and
16 including the recent production increase and the other
17 evidence so far in the Phase 2 hearing process.

18 The Inuit Certainty Agreement was developed in the
19 face of a potential of the Phase 2 proposal. It was
20 clear in the November 2019 hearing that there was
21 serious issues with Baffinland's assessment work.
22 Qikiqtani Inuit Association was concerned the project
23 could be approved without Inuit support and with
24 nothing in place to address serious issues raised by
25 Inuit, such as a lack of integration of Inuit
26 Qaujimajatuqangit and lack of proper culture, resource,

1 and land-use studies. There needed to be guarantees of
2 meaningful Inuit roles in environmental monitoring and
3 management.

4 The Inuit Certainty Agreement proposes solutions,
5 but Qikiqtani Inuit Association was clear and the Inuit
6 Certainty Agreement is clear that those solutions must
7 be accepted by the impacted communities.

8 The Qikiqtani Inuit Association respects the
9 impacted communities' position that they do not have
10 confidence that the Inuit Certainty Agreement models
11 will work or go far enough because there is little
12 trust based on the history of the Mary River Project so
13 far.

14 For instance, key foundations for successful
15 adaptive management are not yet in place because proper
16 culture, resource, and land-use studies are not
17 complete, and Inuit have not approved the appropriate
18 thresholds and indicators for environmental monitoring
19 and response.

20 The communities have been saying that this
21 proposal is too fast too soon. Qikiqtani Inuit
22 Association still believes that the types of solutions
23 proposed in the Inuit Certainty Agreement are relevant
24 to both the existing operations of the mine and any
25 expansion, but trust is needed in order to further
26 develop them.

1 They need to be tested on the existing project to
2 ensure that the impacted communities trust that these
3 proposed solutions work for the existing project where
4 communities are observing troubling impacts from a
5 production and shipping rate of 4.2 million tonnes per
6 year -- or 6, before rolling out a significant
7 expansion that could allow up to 30 million tonnes per
8 year.

9 The QIA board did not accept the current proposal
10 for several reasons. First, as I said, the communities
11 have been saying this proposal is too fast too soon.
12 Inuit are only now seeing impacts of the current
13 project operating at nearly 6 million tonnes per year.
14 Existing impacts are not even fully understood.

15 We see this from the narwhal monitoring report,
16 which Baffinland just circulated. We see this in the
17 lack of alignment between what Inuit are observing
18 about current caribou impacts and what Baffinland's
19 monitoring and assumptions say. We see that in the
20 continuing and escalating concerns about emerging dust
21 issues. These current impacts require urgent attention
22 before any expansion of the mine can be considered.

23 Second, more work is needed to ensure Inuit
24 confidence in the types of solutions proposed in the
25 Inuit Certainty Agreement. The agreement was
26 negotiated to address key deficiencies in the current

1 project proposal. The final environmental impact
2 statement for the current proposal was insufficient
3 from the start. Inuit Qaujimagatuqangit was not
4 applied properly. Culture, resource, and land-use
5 studies were not adequate. A 360-degree viewpoint of
6 the impacts on Inuit food security was not considered.
7 The socio-economic benefits for those who are most
8 impacted have been overstated.

9 The Inuit Certainty Agreement structures were
10 meant to address some of these issues, but the impact
11 to communities, said the Inuit Certainty Agreement,
12 doesn't go far enough or because of lack of confidence
13 in the proposed processes based on experience with the
14 existing project.

15 Any monitoring and adaptive management process
16 must be based on trust. The Qikiqtani Inuit
17 Association still believes that the types of solutions
18 proposed in the Inuit Certainty Agreement are relevant
19 to both the existing operations of the mine and
20 expansion, but trust is needed in order to further
21 develop them, and they need to be tested to ensure they
22 work for the existing project before rolling out
23 significant expansion.

24 Ideally, Baffinland would operate the current
25 project for several years while implementing the
26 components of the Inuit Certainty Agreement to show

1 proof of concept -- (INTERPRETER BELL).

2 MR. OTTENHOF: Apologies.

3 We need to get it right before accelerating to a
4 pace of production and shipping to an overall rate of
5 30 million tonnes per year, which is nearly eight times
6 more than the rate already being -- already creating
7 concerns for Inuit. What is happening now is not
8 working for Inuit. Thank you.

9 THE CHAIR: Mittimatalik Hunters and
10 Trappers Organization, Eric Ootoovak.

11 MR. OOTOOVAK: Qujannamiik, Iksivauta.
12 Eric Ootoovak, Mittimatalik Hunters and Trappers
13 Organization. Thank you, Jared, for the answer, and
14 I'll proceed with questions to other parties.

15 This one -- this question will be directed to the
16 Department of Fisheries and Oceans. 11, Department of
17 Fisheries and Oceans' updated final written submission
18 stated that: (as read)

19 The proponent has since stated on multiple
20 occasions that without the option of ice
21 breaking, the project is nonviable, and given
22 this position, the Department of Fisheries
23 and Oceans worked with the proponent and
24 other members of the marine environment
25 working group to develop additional
26 mitigation measures and monitoring methods

1 that will help Department of Fisheries,
2 Oceans and understand how well the proposed
3 mitigation measures will work and how current
4 ones are performing.

5 This was January 15 of 2021, ten days before the
6 hearing. I have three questions on this:

7 The first question is: What are the specific
8 additional mitigation measures and monitoring methods
9 that will help the Department of Fisheries and Oceans
10 understand how well the proposed mitigation measures
11 will work and how current ones are performing?

12 And I'll ask my second question. Now, we heard in
13 an earlier response that Baffinland provided
14 information to Department of Fisheries and Oceans
15 outside of this process regarding viability around ice
16 breaking in terms of negotiations and referred to a
17 number of meetings. How many meetings were held, and
18 what information was provided to Department of
19 Fisheries and Oceans about the viability of the
20 project, and will the Department of Fisheries and
21 Oceans share that information with the Mittimatalik
22 Hunters and Trappers Organization and the Nunavut
23 Impact Review Board?

24 My final question to Department of Fisheries and
25 Oceans is: Is your mandate in this hearing to consider
26 the economic viability of the project, and, if not, why

1 has viability changed and recommendation regarding the
2 avoidance of ice breaking? Qujannamiik.

3 THE CHAIR: Fisheries and Oceans Canada,
4 Gabriel Bernard-Lacaille.

5 MR. BERNARD-LACAILLE: Thank you, Madam Chair.
6 Gabriel Bernard-Lacaille with Fisheries and Oceans
7 Canada. Thank you, Eric, for your questions.

8 So I'll respond to the first question to start
9 off. I believe your question was to ask, Since the
10 January 15, 2021, updated final written submission by
11 DFO, what are the specific additional mitigations and
12 monitoring that would help DFO understand how well
13 proposed mitigations and current ones are performing.

14 First of all, I believe you're referring to the
15 marine environment, and, to that effect, DFO had
16 provided recommendations for Baffinland to implement
17 additional monitoring and mitigations in their final
18 submission and updated final written submission, and
19 Baffinland has agreed to seven of these
20 recommendations, and I believe we provided them in our
21 response to MHTO-DFO-12. I'll summarize them quickly
22 here.

23 As an additional mitigation measure, there is
24 transit restrictions in the fall shoulder season. We
25 also recommended remote monitoring of ship strikes in
26 order to better detect potential strikes of vessels to

1 marine mammals, end-of-season aerial surveys in order
2 to detect narwhal ice entrapment events, shoulder
3 season reports. So these reports would help us monitor
4 these mitigation measures by providing specific
5 information. Again, this information is outlined in
6 MHTO-DFO-12, and if there were no time limit, it would
7 be my pleasure to read them out to you, but I'll
8 continue on.

9 We also recommended speed restrictions. More
10 importantly, the development of an additional EWI to be
11 integrated into adaptive management plans and
12 additional acoustic monitoring at the floe edge.

13 So I hope that answers part of your question. The
14 important part is that we've asked for mitigations and
15 additional monitoring and as well have asked for these
16 to be presented in reports. So that's how we would
17 understand how well things are working, and we also put
18 the emphasis on "effective and operational adaptive
19 management plans", which are not currently developed,
20 but our understanding is that Baffinland has presented
21 their first draft of such an adaptive management plan
22 and that their threshold and indicators are to be
23 discussed by all stakeholders, including Inuit, in
24 order to ensure that we're able to appropriately track
25 how the mitigations are performing.

26 I'll move on to your second question, How many

1 meetings were held, and what info was provided to
2 assess viability, and will DFO provide this information
3 to Mittimatalik Hunters and Trappers Organization and
4 the Nunavut Impact Review Board.

5 DFO could undertake to provide the number of
6 meetings where ice breaking was discussed, but we want
7 to make it clear that we did not assess viability and
8 that DFO's mandate is not to consider economic
9 viability of a project. At this moment, the department
10 does not have that expertise; however, DFO still
11 believes that the most conservative mitigation measure,
12 as stated in our final written submissions, is that ice
13 breaking not occur.

14 However, we provided an alternative and ways of --
15 our scientific advice to improve mitigation and
16 monitoring when we were informed that this activity was
17 necessary should the project proceed. The reason we
18 did so is to provide an alternate set of scientific
19 advice that would be helpful to the NIRB should the
20 NIRB agree that ice breaking is indeed an essential
21 component of the project, and DFO wanted to ensure that
22 our advice would be available considering both options.

23 Thank you, Madam Chair. I hope my responses
24 address Eric's questions. Thank you.

25 THE CHAIR: Mittimatalik Hunters and
26 Trappers Organization, Eric Ootoovak.

1 MR. OOTOOVAK: Thank you. Thank you,
2 Gabriel, for the answer. I am going to move on to the
3 next set of questions. It's going to Parks Canada.

4 In response to our written question, Part PCA-02
5 to Parks Canada asking whether: (as read)

6 Specific and possibly restrictive mitigation
7 measures, such as transit restrictions, use
8 of convoys, and reduced speeds should be
9 employed whenever an icebreaker -- sorry, an
10 ice-breaking vessel is required for the
11 project-related ship movements,

12 Parks Canada suggested the: (as read)

13 Application of spring transit restrictions as
14 long as relevant ice conditions persist along
15 the shipping route [and also] the
16 establishment of mitigations and restrictions
17 for the fall shoulder season to address noise
18 disturbance impacts from ice breaking and
19 shipping activities.

20 The question is: What are relevant ice conditions to
21 warrant spring transit restrictions, and what are the
22 specific mitigations for fall season to address noise
23 disturbance impacts? Qujannamiik.

24 THE CHAIR: Parks Canada, Allison
25 Stoddart.

26 MS. STODDART: Thank you, Madam Chair. This

1 is Allison Stoddart with Parks Canada. For the sake of
2 clarity, I will defer our answer to this and get back
3 to you once I've had a chance to discuss it with my
4 colleagues. Thank you.

5 THE CHAIR: Mittimatalik Hunters and
6 Trappers Organization, Eric Ootoovak.

7 MR. OOTOOVAK: Qujannamiik, Iksivauta.
8 Eric Ootoovak, Mittimatalik Hunters and Trappers
9 Organization.

10 Can I get, if possible, a timeline when the
11 question would be answered? Thank you.

12 THE CHAIR: Parks Canada, Allison
13 Stoddart. We're not -- we can't hear you.

14 MS. STODDART: Hi, Madam Chair. Allison
15 Stoddart with Parks Canada.

16 We'll be happy to answer this question by the
17 lunch break. Thank you.

18 THE CHAIR: Mittimatalik Hunters and
19 Trappers Organization, Eric Ootoovak.

20 MR. OOTOOVAK: Qujannamiik, Iksivauta. Eric
21 Ootoovak, Mittimatalik Hunters and Trappers
22 Organization.

23 My next question is to Baffinland. It's under
24 MHTO-BIM-41. We note from Slide 22 of your January 18
25 presentation filed with the Nunavut Impact Review Board
26 on adaptive management, you indicated that indicators

1 and thresholds were not yet developed. The response to
2 our written question included a March 22 letter to the
3 Nunavut Impact Review Board in Appendix 12, along with
4 attachments. Did you not know about any of these
5 indicators and thresholds when we asked you during the
6 February hearing? Have you just developed these since
7 February? Thank you.

8 THE CHAIR: Baffinland, Megan Lord-Hoyle.

9 MS. LORD-HOYLE: Megan Lord-Hoyle. I'll ask
10 Lou Kamermans to respond. Thank you.

11 THE CHAIR: Lou Kamermans.

12 MR. KAMERMANS: Thank you, Madam Chair. Lou
13 Kamermans, Baffinland.

14 What was included in Appendix 12 to our responses
15 on March 22nd, each of those was called TARP tables and
16 action tool kits, and TARP standing for "trigger action
17 response plans". They were under different stages of
18 development, but as of the January, February hearing,
19 they had all been developed in draft form and were with
20 the Qikiqtani Inuit Association for review. They were
21 not ready for release at that point, but we felt it was
22 important, given what we heard at that hearing, to put
23 the draft work on the record, which the Qikiqtani Inuit
24 Association was supportive of.

25 So with that, we assembled the package that was in
26 our response to demonstrate that significant work has

1 been progressed on this subject and to make it
2 available for reviewers participating in this process
3 as well as for the Board. Thank you.

4 THE CHAIR: Mittimatalik Hunters and
5 Trappers Organization, Eric Ootoovak.

6 MR. OOTOOVAK: Thank you, Madam Chair. Eric
7 Ootoovak. Thanks, Lou.

8 Time is so limited I will proceed with my next
9 question to another intervenor. This is to Government
10 of Nunavut under MHTO-GN-03.

11 Your response to Mittimatalik Hunters and Trappers
12 Organization Government of Nunavut 03 indicated that:
13 (as read)

14 It is possible that abundance surveys can
15 contribute to better understanding of
16 project-level impacts on caribou in North
17 Baffin.

18 Are you saying that aerial surveys would be able to
19 show project-level effects at current low population
20 level? Qujannamiik.

21 THE CHAIR: Government of Nunavut,
22 Natalie O'Grady.

23 MS. O'GRADY: Thank you, Madam Chair.
24 Natalie O'Grady, Government of Nunavut. Thank you,
25 Eric, for the question.

26 Yes. It is possible that abundance surveys can

1 contribute to a better understanding of project-level
2 impacts on caribou in North Baffin. Determining
3 abundance in current stage of recovery of the Baffin
4 Island herd can be used to determine the changes in
5 abundance, and the aerial surveys can be used to
6 determine zone of influence.

7 I think this speaks to the question of -- and sort
8 of the issue at hand is, as we mentioned yesterday, a
9 lack of data available to Baffinland in general. That
10 isn't to say we don't all share the same sort of mutual
11 goal of ensuring project-related impacts are mitigated
12 well before having an impact on the population level of
13 caribou, which is, you know, the purpose and intent
14 behind environmental impact assessments. With the
15 appropriate management and monitoring plans in place,
16 project impacts relating to the Government of Nunavut's
17 jurisdiction, it is our opinion that they can be
18 managed through these mitigation and monitoring plans.
19 Therefore, our technical concerns have been addressed
20 over the last three years of this review process on
21 this -- this topic, but that isn't to say that there
22 isn't a very necessary requirement for ongoing
23 collaboration between all relevant stakeholders to
24 ensure we're all playing our part and role as not only
25 regulators, but interested parties to ensure that
26 impacts are being mitigated when and where possible. I

1 hope that answers your question. Thank you.

2 THE CHAIR: Mittimatalik Hunters and
3 Trappers Organization, this is your six-minute warning.

4 Eric Ootoovak.

5 MR. OOTOOVAK: Qujannamiik, Iksivauta.

6 Eric Ootoovak, Mittimatalik Hunters and Trappers
7 Organization. Thank you, Natalie, for the answer. If
8 there's any follow-up, I'll put them in writing.

9 The next question is directed to the Government of
10 Nunavut again. It's under 04.

11 When asked if the Government of Nunavut agrees
12 with Baffinland's suggestion that: (as read)

13 Approximately 350 collared caribou would be
14 needed to show behavioural changes from
15 population numbers around 50,000,

16 Government of Nunavut responded -- or a response
17 indicated that: (as read)

18 No. The smaller sample size, Boulanger 2020,
19 [sorry if I didn't pronounce that correctly],
20 demonstrated behavioural effects in migrating
21 caribou in response to -- to mine roads.

22 What would be a smaller sample size that would be
23 needed in the case of Baffinland and caribou to show
24 behavioural changes? I would direct -- I'd like to
25 direct this question to the biologist. Thank you.

26 THE CHAIR: Government of Nunavut,

1 Natalie O'Grady.

2 MS. O'GRADY: Thank you, Madam Chair.

3 Natalie O'Grady, Government of Nunavut. Thank you for
4 the question, Eric.

5 I just want to make sure and double-check that our
6 biologist is on the phone -- I'm pretty sure he is --
7 in order to have him for -- him to answer that question
8 for you directly.

9 For the sake of time, we are getting pretty close
10 to lunch. Madam Chair, if it's amenable to you and to
11 Eric as well, we could perhaps answer that question
12 immediately after lunch, and we'll make sure that the
13 biologist is online.

14 THE CHAIR: We'll defer the response from
15 Parks Canada and Government of Nunavut to after the
16 lunch break.

17 Eric Ootoovak, you have, like, a couple minutes
18 left. Do you have another question that can be
19 deferred for a response after lunch?

20 MR. OOTOOVAK: Qujannamiik, Iksivauta.
21 Eric Ootoovak, Mittimatalik Hunters and Trappers
22 Organization.

23 Another question directed to the Government of
24 Nunavut. It's in your response to MHTO-GN-02 where we
25 asked if: (as read)

26 The Government of Nunavut is confident that

1 Baffinland's current caribou monitoring plans
2 will be able to identify whether caribou are
3 showing that they move away from
4 transportation or other project
5 infrastructure or that they are impacted by
6 the Phase 2 development?

7 You stated that: (as read)

8 The Government of Nunavut is confident that
9 regional monitoring will be able to identify
10 a behavioural response to the project. [And
11 that] Observations with regional monitoring
12 at other projects have been observed when
13 caribou approach roads.

14 With current low levels of population of Baffinland --
15 Baffin Island herd, when does the Government of Nunavut
16 anticipate it will be possible for the regional
17 monitoring to identify a behavioural response of
18 caribou to the project? This will probably be deferred
19 to the afternoon. I do understand that.

20 And to quickly answer -- or ask a question to
21 Clyde River Hamlet and their HTO, Igloolik -- Igloolik
22 Hamlet and HTO, Sanirajak Hamlet and HTO.

23 To Hamlet of Igloolik and Hamlet of Sanirajak:
24 What was the total amount of participant funding
25 applied for by your hamlet, and how much was actually
26 provided by the federal government? Has the

1 participant funding provided you with sufficient budget
2 for adequate participation?

3 And last question on my list will be directed to
4 Crown-Indigenous Affairs, Northern -- yeah. I believe
5 we heard you state in response to another question last
6 night that your department fully expects the Nunavut
7 Impact Review Board's recommendation to the minister to
8 contain a project certificate that contains terms and
9 conditions pertaining to caribou protection. Is your
10 department or Crown-Indigenous Relations and Northern
11 Affairs Canada expecting the Nunavut Impact Review
12 Board will be recommending approval of Phase 2, and can
13 you clarify that statement. Qujannamiik.

14 THE CHAIR: It's lunchtime. We'll be back
15 at 1:15. We'll reconvene at 1:15.

16 _____
17 (PROCEEDINGS ADJOURNED UNTIL 1:15 PM)

18 _____
19 (PROCEEDINGS COMMENCED AT 1:20 PM)

20 THE CHAIR: Welcome back,
21 everyone.

22 Before we go to the next registered intervenor,
23 we're going to the deferred responses. The first one
24 of Parks Canada, Allison Stoddart.

25 MS. STODDART: Thank you, Madam Chair.
26 This is Allison Stoddart with Parks Canada, and thank

1 you to the Mittimatalik Hunters and Trappers
2 Organization for your question.

3 From what I understand, your question was with
4 regards to a response we provided to your written
5 question, MHTO-PC-02 Part 4. Specifically, you asked:
6 What are the relevant ice conditions referred to
7 regarding spring transit restrictions, and what are the
8 specific mitigations related to the fall shoulder
9 season?

10 So the relevant ice conditions for spring
11 restriction are those described by Baffinland in the
12 assessment of icebreaking operations, which was
13 produced from May 17th, 2019, which states that transit
14 mitigations will be in effect when ice concentrations
15 greater than three-tenths cannot be avoided along the
16 northern shipping route.

17 In terms of specific mitigations related to the
18 fall shoulder season, the following transit restriction
19 mitigations would apply, though, first when a
20 continuous failing route of open water and/or new ice,
21 which is less than 10 centimetres, occurs between the
22 entrance of Pond Inlet and Milne Port, then icebreaker
23 transits and other unescorted vessels in the regional
24 study area may proceed under open water operating
25 conditions.

26 Second, a maximum of two transits or four half

1 transits will occur per day, which is a 24-hour period,
2 where gray ice, so 10 to 15 centimetres, cannot be
3 avoided along the shipping route.

4 Lastly, no breaking of land-fast ice will occur
5 along the shipping route. So please note that in our
6 written response where this information is provided, we
7 had indicated that these mitigations were developed
8 between DFO, the Department of Fisheries and Oceans,
9 and Baffinland. We therefore refer you to the
10 Department of Fisheries and Oceans' response to
11 MHTO-DFO-Number-12 for more details on this topic in
12 addition to the information that we just provided.

13 Thank you very much.

14 THE CHAIR: Deferred responses from the
15 Government of Nunavut, Natalie O'Grady.

16 MS. O'GRADY: Thank you, Madam Chair.
17 Natalie O'Grady, Government of Nunavut. I'd like to
18 have Stephen Atkinson, our technical advisor on this
19 matter, answer Mr. Ootoovak's questions. Thank you.

20 THE CHAIR: Stephen Atkinson.
21 Deferred Response from Government of Nunavut

22 MR. ATKINSON: Thank you, Madam Chair.
23 Stephen Atkinson on behalf of the Government of
24 Nunavut.

25 Can you hear me okay?

26 THE CHAIR: Yes. You may proceed.

1 MR. ATKINSON: Thank you. I'd like to thank
2 the MHTO, the Mittimatalik Hunters and Trappers
3 Organization, for the question.

4 I would first like to provide clarification
5 regarding one of the earlier questions asked by MHTO to
6 the Government of Nunavut. This is with respect to
7 Written Question MHTO-GN-03. This was regarding
8 whether or not regional aerial surveys would be able to
9 detect effects of the project on caribou.

10 So the clarification is that certainly aerial
11 surveys have been shown in other parts of the Arctic
12 via means of detecting the project level effects on
13 caribou such as changes in distribution and zones of
14 influence around projects certainly, and it may be a
15 useful tool for Baffinland in the future.

16 However, at the current densities of -- low
17 densities of Baffinland caribou, it is unlikely that an
18 aerial survey would be able to detect project level
19 effects at the present time. So that is the
20 clarification for GN-03 -- MHTO-GN-03.

21 Now, to the question asked regarding Written
22 Question MHTO-GN-04, this was regarding how many
23 satellite collars would be required on North Baffin
24 caribou in order to detect the effects of the project
25 on -- on caribou. The question was whether it would
26 require as many as 350 collared caribou.

1 So the answer to the question is, no, it would not
2 require that many collars. What we have found, again,
3 at -- experiences conducting this type of research at
4 other sites around Nunavut and across the north, just
5 that in order to detect effects on distribution and
6 movement patterns of caribou, you typically will --
7 will need somewhere between 20 to 50 collars generating
8 data over a period of about one to three years. That
9 is just an approximation to give you a sense of
10 intensity of monitoring.

11 However, these experiences are for mainland
12 caribou herds that are at much higher densities. Given
13 the lower densities of Baffin Island caribou at this
14 present time in terms of number of caribou per
15 kilometres squared, it is expected that more years of
16 data collection would be required. It is also expected
17 that fewer than the 50 collars would be practical for
18 deployment.

19 In other words, it would be difficult to deploy
20 that many collars on Baffinland caribou, and, equally,
21 it may not be acceptable from a community perspective
22 to decollaring that intensively.

23 So the -- the overall answer is we would expect
24 that a period of time necessary to gather sufficient
25 data to have confidence as to whether or not there are
26 project level effects will be somewhat longer than --

1 than we have typically required in excess of -- likely
2 in excess of three years or more and that the number of
3 collars would probably some -- be somewhere in the
4 range of between 20 to 50. Probably less than 50.
5 Thank you.

6 Moving on to the final question, which was with
7 respect to Mittimatalik Hunters and Trappers
8 Organization Written Question GN-02, which was whether
9 or not regional monitoring, for example, the use of
10 caribou collars, would be able -- would they be able to
11 detect project level effects? How long is it likely --
12 it would take in order to do this?

13 This depends on several factors. First of all, it
14 would depend on the strength of caribou response to the
15 project. The stronger the response, the more quickly
16 or the more easily it would be detected.

17 Second, it would depend on the intensity of
18 monitoring. So this would be how frequently or how
19 many individual animals are being monitored.

20 Third, it would depend on size of the herd because
21 as the herd increases in size, more individuals will
22 interact with the project.

23 And, fourth, it would depend on whether or not
24 there was community support for different types of
25 monitoring, regional scale monitoring, such as
26 collaring, for example.

1 Of these four items, the -- one of the things that
2 is under the -- to some extent under the control of --
3 of -- of the -- the collaborators in regional
4 monitoring is the ability to adjust the intensity of
5 monitoring. In other words, through the investment of
6 time and resources in regional scale monitoring such as
7 collaring. The more intense the monitoring, the more
8 likely we would be able to detect effects and detect
9 them early in order to implement adaptive management.

10 Given the low densities (INTERPRETER BELL) of
11 Caribou on Baffin Island on North Baffin --

12 THE CHAIR: Mr. Atkinson, can you please
13 slow down for --

14 MR. ATKINSON: Yeah.

15 THE CHAIR: -- the interpreter.

16 MR. ATKINSON: Apologies.

17 Given the -- the low numbers of caribou on North
18 Baffin at the present time, of the available regional
19 monitoring tools, a collaring study is more likely to
20 demonstrate behavioural effects of the project on
21 caribou earlier than other available monitoring
22 methods. Thank you.

23 THE CHAIR: Next on the registered
24 intervenors' list, Igloolik Working Group, Peter Ivalu.
25 Igloolik Working Group Questions Baffinland Iron Mines
26 Corporation

1 MR. IVALU: Thank you, Madam Chair. Peter
2 Ivalu, Igloolik Working Group.

3 During the last hearing, Ms. Lord-Hoyle assured me
4 that there would be no icebreaking during the shoulder
5 season, and now, Mr. Rouget -- we heard from him that
6 there'd be icebreaking during the -- during that
7 season, during the shoulder season, although we've been
8 assured that there would be none.

9 My question is: How later or early into the
10 shoulder season would icebreaking occur? Would -- and
11 can you explain to us what you mean by land-fast ice?
12 Thank you, Madam Chair.

13 THE CHAIR: Baffinland, Megan Lord-Hoyle.

14 MS. LORD-HOYLE: Megan Lord-Hoyle, Baffinland.

15 First, Madam Chair, I'd like to apologize for any
16 miscommunication that may have occurred. I don't
17 recall saying that there would be no icebreaking at
18 all. Certainly that is part of the Phase 2 proposal
19 under review right now.

20 In terms of the timing of when we would expect to
21 be icebreaking, we have recently made a commitment,
22 Madam Chair, to reduce the shipping season that was
23 originally proposed for the Phase 2 proposal. So when
24 the Phase 2 was first introduced, Baffinland was
25 suggesting a shipping season of July 1st to November 15th.
26 We have more recently revised that shipping season to

1 be July 15th to October 31st, which much more closely
2 mirrors the current shipping season.

3 So in that regard, we would expect to see
4 icebreaking occurring at very similar levels to what we
5 see now. Typically that means there's the icebreaking
6 occurring when we first start the shipping season in
7 July and could go for the remainder of July,
8 potentially into early August, and in the fall, we
9 could begin some modest icebreaking in late September
10 into October.

11 In terms of the definition for land-fast ice, I'll
12 ask Lou Kamermans to -- to provide the definition
13 that -- that Baffinland is using. Thank you.

14 THE CHAIR: Lou Kamermans.

15 MR. KAMERMANS: Thank you, Madam Chair. Lou
16 Kamermans, Baffinland.

17 When we refer to "land-fast ice", it's also the
18 same as referring to "fast ice" or "shore-fast ice".
19 All of these cover the state of ice when it's attached
20 to the shoreline. It's anchored to the shore. It's
21 ten-tenths concentration. It's complete, and it
22 doesn't move with wind or currents.

23 And so likely what Megan was speaking to
24 previously at the last hearing was that Baffinland
25 would not be breaking land-fast ice either in the
26 spring or in the fall. Thank you.

1 THE CHAIR: Igloolik Working Group, Peter
2 Ivalu.

3 Igloolik Working Group Questions Fisheries and Oceans
4 Canada

5 MR. IVALU: Thank you, Madam Chair. Thank
6 you, sir and madam, for the answer.

7 My next question is for Department of Fisheries
8 and Oceans. In their presentation, they indicated that
9 resolved doesn't necessarily mean that an impact will
10 be completely avoided or mitigated. Does DFO consider
11 adverse effects -- although they may be adverse
12 effects, that they're resolved? And how do you
13 incorporate -- further to Mr. Jeetaloo Kakee's question
14 yesterday, how do you, DFO, incorporate or integrate
15 Inuit Qaujimajatuqangit into your studies, or does it
16 play a part? Can you elaborate on that, Fisheries and
17 Oceans. Thank you, Madam Chair.

18 THE CHAIR: Fisheries and Oceans Canada,
19 Gabriel Bernard-Lacaille.

20 MR. BERNARD-LACAILLE: Thank you, Madam Chair.
21 Gabriel Bernard-Lacaille with Fisheries and Oceans
22 Canada. Thank you, Peter, for the question.

23 I heard a question about how DFO integrates Inuit
24 Qaujimajatuqangit into the work and advice that we have
25 done in this assessment. Please let me know if there
26 was another question after I answer this one.

1 So, first of all, DFO relies on the NIRB process
2 that we're currently going through in order to share
3 stories and to hear Inuit share their Inuit
4 Qaujimajatuqangit, and we would like to thank Inuit
5 participants in Inuit communities for doing so.

6 Inuit Qaujimajatuqangit was not necessarily
7 considered explicitly by the department in discussions
8 about monitoring programs with Baffinland. Our
9 department are experts in providing western
10 science-based advice, and we do this in providing the
11 NIRB advice for their consideration when making a
12 recommendation from their project.

13 We consider that during the review process the
14 Nunavut Impact Review Board will consider science-based
15 advice as well as Inuit Qaujimajatuqangit provided by
16 intervenors who hold this knowledge when making a
17 recommendation about the project to the responsible
18 ministers.

19 Therefore, although DFO did not explicitly
20 consider Inuit Qaujimajatuqangit when discussing
21 specific monitoring programs, we believe that it will
22 be part of the NIRB report and considered by the
23 responsible ministers once they make a decision about
24 the project.

25 And to that end, I would like to invite
26 Crown-Indigenous Relations to speak more about the

1 overall use of IQ during the process. Thank you, Madam
2 Chair.

3 THE CHAIR: Igloolik Working Group, Peter
4 Ivalu.

5 Igloolik Working Group Questions Environment and
6 Climate Change Canada

7 MR. IVALU: Thank you, Madam Chair. Thank
8 you, Gabriel, for that response.

9 My next question is for Environment and Climate
10 Change Canada. We know that the north is warming up
11 way faster than the south or the rest of the world.
12 Permafrost is melting and project infrastructure for
13 Phase 2 and the mine will most likely be affected.

14 My question to you, Environment and Climate Change
15 Canada: Is this project safe for the Canadian Arctic
16 or environment in general? Do you support Phase 2
17 because of your federal minister? Considering this
18 project as essential for national interests, would
19 Environment and Climate Change Canada support this
20 Phase 2 project irregardless of risks associated with
21 permafrost thaw? Thank you, Madam Chair.

22 THE CHAIR: Environment and Climate Change
23 Canada, Anna Graham.

24 MS. GRAHAM: Anna Graham, Environment and
25 Climate Change Canada. Thank you for your question.

26 Just to make sure that I'm understanding the

1 questions clearly, the first question was: Is this --
2 THE CHAIR: Can you --
3 MS. GRAHAM: -- project --
4 THE CHAIR: Anna Graham --
5 MS. GRAHAM: -- safe?
6 THE CHAIR: -- can you please --
7 MS. GRAHAM: Yes.
8 THE CHAIR: -- pause? There's background
9 noise.
10 MS. GRAHAM: Okay. One moment, actually.
11 Apologies. Hopefully that's better.
12 The first question was --
13 THE CHAIR: They can --
14 MS. GRAHAM: Does --
15 THE CHAIR: -- still --
16 MS. GRAHAM: -- environment --
17 THE CHAIR: We can still hear.
18 MS. GRAHAM: Okay. Is it all right if I
19 defer for a moment?
20 THE CHAIR: Peter Ivalu, Igloolik Working
21 Group. Do you have another question?
22 Igloolik Working Group Questions Crown-Indigenous
23 Relations and Northern Affairs Canada
24 MR. IVALU: Yes. Thank you, Madam Chair.
25 In the interest of time, there are two more
26 individuals that want to ask questions in the time

1 allotted that we have.

2 My final question is for Crown and Indigenous
3 Relations and Northern Affairs Canada. How do you
4 propose to proceed if impacted communities do not
5 support Phase 2?

6 In the event that the NIRB doesn't support the
7 project -- and I would like to recognize Mr. Paul
8 Okalik for -- for indicating that NIRB didn't support
9 the last project proposal. Okay. If NIRB doesn't
10 support this project proposal as -- as it -- under
11 Phase 2 but if the minister or the federal government
12 overtakes the NIRB's decision again, how do you
13 think -- or how -- how will the relations between you
14 and Inuit -- between the federal government and Inuit
15 be reconciled if the impacted communities do not
16 support it but your minister goes ahead and -- and
17 supports Phase 2 proposal? Thank you, Madam Chair.

18 THE CHAIR: First we'll go to
19 Crown-Indigenous Relations and Northern Affairs Canada
20 and then go to the deferred response from Environment
21 and Climate Change Canada.

22 Crown-Indigenous Relations and Northern Affairs
23 Canada, Spencer Dewar.

24 MR. DEWAR: Spencer Dewar,
25 Crown-Indigenous Relations and Northern Affairs Canada.

26 This question is in relation -- it's a broader

1 federal government sort of discussion, so can we just
2 defer for a few moments just to speak with our
3 colleagues before we respond? Qujannamiik.

4 THE CHAIR: We'll go back to Environment
5 and Climate Change Canada, Anna Graham.

6 MS. GRAHAM: Anna Graham, Environment and
7 Climate Change Canada.

8 Can you hear me clearly this time?

9 THE CHAIR: Yes. You may proceed.

10 MS. GRAHAM: Thank you.

11 Environment and Climate Change Canada provides
12 scientific expertise surrounding environmental issues
13 regarding this project. Because of that, we comment on
14 specific areas where the project might impact the
15 environment, and we cannot say overall whether the
16 project is safe for the environment.

17 Furthermore, Environment and Climate Change Canada
18 is a decision-maker on this project, and the minister
19 of the Environment and Climate Change Canada is a
20 responsible minister. When we reach the
21 decision-making phase of this project, that is when we
22 will form a decision whether this project should
23 proceed or not, and, at this stage, we are still
24 collecting evidence and listening to the views,
25 stories, and responses to questions during this public
26 hearing.

1 If I missed any of the questions, please let me
2 know. Thank you.

3 THE CHAIR: Crown-Indigenous Relations and
4 Northern Affairs Canada, Spencer Dewar.

5 MR. DEWAR: Qujannamiik, Madam Chair.
6 Spencer Dewar, Crown-Indigenous Relations and Northern
7 Affairs Canada.

8 I think I'm going to reiterate much of what Anna
9 Graham just said. You know, currently, we're in a
10 process that's open to collect evidence so that the
11 Nunavut Impact Review Board can make a written report
12 and a recommendation to the Minister of Northern
13 Affairs.

14 This report has not been produced yet, and the
15 Government of Canada cannot make a decision on a report
16 that has not been made by the Nunavut Impact Review
17 Board. So once the Nunavut Impact Review Board
18 provides its written report and recommendation, the
19 Government of Canada will give careful consideration
20 before making the decision to accept, vary, or reject.

21 At this time, the Government of Canada does not
22 have expectation on how the Nunavut Impact Review
23 Board's recommendation will be, and, therefore, we're
24 participating fully in this process to support NIRB in
25 writing its written recommendation.

26 I -- I can tell you, once the Nunavut Impact

1 Review Board provides its written response -- its
2 written report and recommendation, you know, careful
3 consideration will be provided to -- in the
4 decision-making on, you know, the considerations of the
5 concerns raised by Inuit. Therefore, we continue to
6 encourage Inuit to share their concerns in this open
7 and transparent process. Qujannamiik.

8 THE CHAIR: Igloolik Working Group, Peter
9 Ivalu.

10 MR. IVALU: Thank you, Madam Chair. Thank
11 you, Mr. Dewar, for that response. I will now pass on
12 the mic to my colleague from hunters and trappers
13 organization, Soloman Mikki, for some questions.

14 THE CHAIR: Before we do that, based on
15 the agenda, there's two separate sessions. One for
16 Igloolik Working Group and one for Igloolik Hunters and
17 Trappers Organization. Peter Ivalu.

18 MR. IVALU: Forgive me, Madam Chair. That
19 being the case, I will now pass on the mic to our
20 technical advisor, Merlyn Recinos.

21 THE CHAIR: Merlyn Recinos.
22 Igloolik Working Group Questions Baffinland Iron Mines
23 Corporation

24 MR. RECINOS: Thank you, Madam Chair.
25 Merlyn Recinos, technical advisor for the Igloolik
26 Working Group. First of all, by the way, great job on

1 the -- on the agenda and the proceedings. It looks
2 like we're ahead of time. So definitely a contrast to
3 the rest of the meetings.

4 I have a couple of questions, and the first one is
5 to Baffinland, and given the response from all members
6 of the working groups who have indicated that the
7 working groups are not working, they're ineffective, or
8 that everybody in the working groups have experienced a
9 lot of challenges, how can Baffinland rely on them to
10 be the drivers for adaptive management for this project
11 if at the current moment for the current project --
12 again, quoting -- they're ineffective or have
13 experienced challenges from all members?

14 THE CHAIR: Baffinland, Megan Lord-Hoyle.

15 MS. LORD-HOYLE: Megan Lord-Hoyle, Baffinland.
16 Thank you for the question.

17 Madam Chair, I think I want to start by offering
18 that we have heard from -- from working group members.
19 We've heard in this process that there have been issues
20 with the functionality and specifically transparency
21 within the working groups. We have made significant
22 changes within the format of the working groups as they
23 stand now. But then over the last year, we've also
24 been proceeding through a process to update the terms
25 of reference.

26 And I'm highlighting this because that was an

1 important piece of work where all parties in the
2 working group have had the opportunity to provide their
3 input on how these working groups should change, what
4 they'd like to see them functioning as, and we've truly
5 had varying degrees of participation in that process.

6 We do believe that these working groups are
7 functional, have been functional, and have changed our
8 monitoring programs for the better, and they have
9 helped us interpret the results that we're seeing to
10 try bringing the parties together.

11 The true functioning of these working groups is
12 not solely Baffinland's responsibility. It is the
13 parties who are members to the working groups to -- to
14 also participate in that functioning and to make sure
15 that it is an environment where ideas can be exchanged,
16 workshopped, and improvements can happen as a result of
17 that. So we stand behind these working groups. We
18 believe they have a place, a function, and they can
19 work very well, and we have seen that.

20 But I also want to highlight that the working
21 groups are also not the only mechanism for changes to
22 the project, and they're not the only mechanism by
23 which adaptive management would change. Of course, we
24 would rely on the expertise that are brought to the
25 working groups to help inform our adaptive management,
26 help inform the responses that we would put forward,

1 but they are not the only mechanism.

2 We now also have an additional body through the
3 Inuit committees that will be developed who will have a
4 very strong role in our adaptive management plans in
5 terms of developing thresholds and set responses. The
6 Qikiqtani Inuit Association will have an approval
7 authority over the adaptive --

8 THE CHAIR: Megan Lord-Hoyle --

9 MS. LORD-HOYLE: -- management --

10 THE CHAIR: -- if you can just pause.

11 This is a five-minute warning for the Igloolik
12 Working Group.

13 Baffinland, Megan Lord-Hoyle.

14 MS. LORD-HOYLE: Thank you. Megan Lord-Hoyle.

15 So they are -- they are one mechanism but not the
16 only mechanism for the adaptive management process.
17 The adaptive management plan will be formalized through
18 other means and have other inputs to allow it to work.
19 Thank you.

20 THE CHAIR: Igloolik Working Group, Merlyn
21 Recinos.

22 MR. RECINOS: Thank you, Madam Chair.

23 Merlyn Recinos, Igloolik Working Group. I had a little
24 bit more questions than what I was expecting in those
25 five minutes, so I'll be direct with my few questions
26 that I'll be able to ask.

1 My next question is for -- for Baffinland,
2 especially to Brian Penney, the CEO. Baffinland and
3 QIA have said that they want to put Inuit at the
4 driver's seat of this project when it comes to adaptive
5 management, the stewardship program, and other programs
6 within the ICA. If impacts are felt and they require a
7 decision in regards to adaptive management, would Inuit
8 be part of that decision-making, or would they be only
9 advisors to the executive board at Baffinland? Thank
10 you, Madam Chair.

11 THE CHAIR: Baffinland, Megan Lord-Hoyle.

12 Can you please clarify. Are you also expecting a
13 response from the Qikiqtani Inuit Association?

14 MR. RECINOS: (NO VERBAL RESPONSE)

15 THE CHAIR: Okay. First we'll go to
16 Baffinland, Megan Lord-Hoyle.

17 MS. LORD-HOYLE: Megan Lord-Hoyle. I'll ask
18 Lou Kamermans to provide the response.

19 THE CHAIR: Lou Kamermans.

20 MR. KAMERMANS: Thank you, Madam Chair. Lou
21 Kamermans, Baffinland.

22 I'll provide this response on behalf of the
23 company given that it's limited to reiterating what's
24 in the Inuit Certainty Agreement.

25 And so what's in the Inuit Certainty Agreement is
26 a commitment for the Qikiqtani Inuit Association to

1 form an Inuit committee, and an Inuit social oversight
2 committee. These two committees would be established
3 under the Inuit Stewardship Plan, and the wording from
4 the Inuit Certainty Agreement is that they would
5 provide direction to the Qikiqtani Inuit Association in
6 the implementation of that plan.

7 How that translates into decisions that Baffinland
8 makes would be -- we're meant to come to agreement with
9 the Qikiqtani Inuit Association on the adaptive
10 element -- adaptive management elements of identified
11 management plans.

12 So that includes setting the -- the objectives of
13 monitoring the indicators to track the thresholds of
14 change and the predetermined responses linked to those
15 thresholds. Baffinland's expectation was that
16 agreement to those adaptive management provisions with
17 the Qikiqtani Inuit Association and, in turn, their
18 acceptance would be at the direction of the Inuit
19 committees.

20 And those Inuit committees, just to be clear, are
21 meant to be composed of community members elected from
22 the community and appointed by the Qikiqtani Inuit
23 Association. But I would encourage the Qikiqtani Inuit
24 Association to speak to this as well. Thank you.

25 THE CHAIR: Qikiqtani Inuit Association,
26 Jared Ottenhof.

1 MR. OTTENHOF: Thank you, Madam Chair. Jared
2 Ottenhof for the Qikiqtani Inuit Association. Thank
3 you, Merlyn, for the question.

4 I guess to build on some of the points that
5 Baffinland has just made, that we do have the -- the
6 commitment in the Inuit Certainty Agreement for a joint
7 approval process over adaptive management.

8 We are looking to continue to work with the
9 communities to formalize the terms of reference
10 recognizing that that is not in place yet. We do not
11 have the Inuit committee formed yet, and, therefore, we
12 do not have the input from the impacted communities
13 into the objectives, indicator thresholds, and
14 responses for adaptive management.

15 We have heard that there's a considerable --
16 considerable concern to honour Inuit Qaujimajatuqangit
17 principles with respect to adaptive management, and
18 this is still work that needs to be developed in
19 concert with the Inuit committee.

20 QIA does support having Inuit in the driver's seat
21 on this initiative as well. We'll always be looking to
22 work with the committees to develop the materials.
23 However, this work still needs to be done. Thank you,
24 Madam Chair.

25 THE CHAIR: There's also a deferred
26 response from Fisheries and Oceans Canada to a question

1 from the Igloolik Working Group.

2 Gabriel Bernard-Lacaille.

3 Deferred Response from Fisheries and Oceans Canada

4 MR. BERNARD-LACAILLE: Thank you, Madam Chair.

5 Gabriel Bernard-Lacaille with Fisheries and Oceans
6 Canada. Thank you for the opportunity to provide a
7 response to Peter's first question.

8 So to answer what we mean by a "resolved", it's
9 important to note that when Fisheries and Oceans Canada
10 used the term "resolved" for a recommendation, that
11 does not necessarily mean that an impact will be
12 completely avoided or mitigated. Given the remote area
13 where the project is proposed, sufficient information
14 to fully understand and predict the scale of potential
15 impacts from the -- from some of the proposed project
16 activities is not yet available, especially for impacts
17 to marine mammals.

18 In those cases, when DFO used "resolved", this
19 indicates that Baffinland and DFO have agreed upon
20 commitments that we anticipate will mitigate and/or
21 lessen potential impacts and will -- and will -- and
22 this is especially important -- and that will provide
23 information that over time should help us understand
24 their efficacy and inform the adaptive management
25 sections of Baffinland's proposed adaptive management
26 plan.

1 In other words, DFO wants to clarify that a
2 resolved commitment is indicative of a way forward
3 regarding a departmental recommendation and does not
4 refer to the complete elimination of a potential risk
5 or impact to the marine environment.

6 That is why we truly believe that the development
7 of an operational and effective adaptive management
8 plan should be of great importance prior to the start
9 of Phase 2 operations. Thank you, Madam Chair. I hope
10 this answers Peter's question. Thank you.

11 THE CHAIR: Is Crown-Indigenous Relations
12 and Northern Affairs Canada prepared to respond to the
13 question from the Mittimatalik Hunters and Trappers
14 Organization? Spencer Dewar.

15 Deferred Response from Crown-Indigenous Relations and
16 Northern Affairs Canada

17 MR. DEWAR: Qujannamiik, Madam Chair.
18 Spencer Dewar, Crown-Indigenous Relations and Northern
19 Affairs Canada.

20 I just wanted to thank Eric for raising the
21 question. Eric asked if the Government of Canada had
22 an expectation of how NIRB was going to make a
23 recommendation.

24 I think I might've previously expressed this, but
25 I just want to be clear. The Government of Canada does
26 not have an expectation on what the Nunavut Impact

1 Review Board's recommendation will be. I realize
2 yesterday I did describe, when answering a question for
3 the Qikiqtani Inuit Association, a certain path, and
4 what I was trying to explain was how caribou could be
5 protected under an approved project.

6 But as the NIRB process has not been completed, as
7 such, the NIRB has yet to produce a written report or a
8 recommendation to the minister. Therefore, the
9 Government of Canada cannot make a decision in the
10 absence of a report made by the Nunavut Impact Review
11 Board.

12 So once -- once NIRB provides its written report
13 and recommendation, the Government of Canada will give
14 careful consideration before making a decision to
15 accept, vary, or reject. So for greater certainty, the
16 Government of Canada has not and will not make a
17 decision until such time as the Nunavut Impact Review
18 Board provides a written report and a recommendation.
19 Qujannamiik.

20 THE CHAIR: Before we go to the next
21 registered intervenor, the Igloolik Hunters and
22 Trappers Organization, are the other intervenors
23 prepared to respond to the Mittimatalik Hunters and
24 Trappers Organization? First one, Clyde River Hamlet.

25 MR. NATANINE: Thank you, Madam Chair. Jerry
26 Natanine, Clyde River Hamlet counsel.

1 If we can defer the -- responding to the question,
2 and I'd like to be able to gather the information and
3 the accurate numbers, if we can defer our response for
4 tomorrow, if you don't mind.

5 THE CHAIR: I'll take that as a deferred
6 response from the Hamlet of Pond Inlet. Sorry. Clyde
7 River Hamlet.

8 Clyde River Hunters and Trappers Organization.

9 MR. NATANINE: Madam Chair, hamlet --
10 Namautaq Hunters and Trappers Organization.

11 We request the same deferral. We'd like to be
12 able to gather all the information, accurate numbers,
13 to -- to make sure we have an accurate response and
14 move it until tomorrow.

15 THE CHAIR: I'll take that as two deferred
16 responses, one from the Clyde River Hamlet and one from
17 the Clyde River Hunters and Trappers Organization.

18 Next one, Igloolik Working Group, Peter Ivalu.
19 Can someone please turn the volume up on the mic, floor
20 mic.

21 MR. IVALU: Thank you, Madam Chair. To
22 the question from Pond Inlet, our technical advisor,
23 Merlyn, will answer your question.

24 THE CHAIR: Merlyn Recinos.
25 Deferred Response from Igloolik Working Group

26 MR. RECINOS: Thank you, Madam Chair, and

1 I'll just provide an answer for the Igloolik Working
2 Group, which has been registered under the Government
3 of Nunavut -- sorry, Government of Canada participating
4 funding under the Hamlet of Igloolik, and then I will
5 also provide a little bit of an update in (INTERPRETER
6 BELL).

7 THE CHAIR: Please slow down for the
8 interpreter.

9 MR. RECINOS: So I'll provide two updates.
10 One on behalf of the Hamlet of Igloolik. The second
11 one just rough numbers on behalf of the rest of the
12 organizations as the North Baffin group. Myself, as
13 the technical advisor for the North Baffin group, has
14 helped them apply for funding initially.

15 For the municipality of Igloolik, we had applied
16 for over \$450,000 for funding altogether. This was due
17 to us coordinating North Baffin group meetings to bring
18 all communities together. Out of that, we have -- we
19 received less than asked every single time to a point
20 of \$313,038.66 for the rest of the organizations that I
21 helped apply on the first and second participating
22 funding. Madam Chair, we received one third of what
23 was asked.

24 And if they would like to have their numbers, I
25 have them all in front of me, so I can provide for
26 them, and they can answer tomorrow. Thank you, Madam

1 Chair.

2 THE CHAIR: Igloolik Hunters and Trappers
3 Organization, Simon Malliki.

4 Igloolik Hunters and Trappers Organization Questions
5 Baffinland Iron Mines Corporation

6 MR. MIKKI: I represent the hunters and
7 trappers organization. I'm not Soloman Malliki.
8 Soloman Mikki, M-I-K-K-I. I'm not Malliki at all.

9 I have a couple of questions. My first is: When
10 we heard that they approved 6 million tonnes to be
11 shipped through -- from the mine, Mary River mine, by
12 Pond Inlet, that was that. And -- and we -- Igloolik
13 residents shouldn't be blamed for it because we were
14 not part of the approval process. That's just one part
15 of a fact I'm giving you.

16 And we heard about Phase 2 yesterday, that there
17 were going to be 176 ships going back and forth, but
18 then they went down to 168. If that was approved and
19 it will be shipping 12 million tonnes of ore, even
20 though there is less ships, is that feasible at all if
21 there's less ships than more? So are they going to
22 be -- going to Steensby Inlet? That's my question.

23 THE CHAIR: We'll continue with deferred
24 responses to the Mittimatalik Hunters and Trappers
25 Organization after the Igloolik Hunters and Trappers
26 Organization's question period. There was a

1 misunderstanding.

2 Baffinland, Megan Lord-Hoyle.

3 MS. LORD-HOYLE: Megan Lord-Hoyle, Baffinland.

4 Thank you for the question.

5 To clarify the -- the numbers that were discussed
6 yesterday, more recently, Baffinland has decreased the
7 number of ships that they have proposed to use. So
8 that number of 168 ore carriers is the maximum number
9 of ore carriers that we're suggesting for the Phase 2
10 proposal alone, which means for the -- the route from
11 Milne Port out to Baffin Bay.

12 So that 168 ore carriers does not include the
13 number of ore carriers that would be going to Steensby.
14 That is just the shipping route to Milne Port for the
15 Phase 2. Thank you.

16 THE CHAIR: Igloolik (INUKTITUT SPOKEN),
17 Soloman Mikki.

18 MR. MIKKI: Thank you, Chairperson.

19 I understand that. And this also further, in
20 support to Pond Inlet, that we don't want to have
21 12 million tonnes be transported, Igloolik Hunters and
22 Trappers Organization supports the efforts of Pond
23 Inlet regarding the marine animals and those that are
24 in the sea water because the animals will be polluted.
25 We all know that there will be pollution on the marine
26 animals with that number of ships travelling.

1 Of course, if there are so many ships, then there
2 would be less wildlife in the ocean. Even with
3 6 million tonnes, there has been word that there's a
4 reduction with the animals. Perhaps they have been
5 scared away. We know that they have not vanished. We
6 just know that they are not there, and perhaps they
7 have been scared away from the area.

8 And, therefore, the Igloolik Hunters and Trappers
9 Organization supports this. It don't want to be in
10 support of this Phase 2 proposal. Not to be part of
11 the support group.

12 THE CHAIR: Before we move, if there's
13 answer to what the Igloolik Hunters and Trappers
14 Organization -- do you have an answer for the
15 Igloolik -- for the Pond Inlet organization?

16 MR. MIKKI: I have not discussed anything
17 with them, but there was a motion, a written motion,
18 asking for our support. We did receive that motion by
19 fax. Thank you.

20 THE CHAIR: The next intervenor.
21 Sanirajak Hamlet, Louis Primeau.

22 Deferred Response from Hamlet of Sanirajak

23 MR. PRIMEAU: Thank you, Madam Chair.

24 In one of the questions that was asked -- I
25 believe it was our Number 3 to Baffinland -- I'd asked
26 if the rate of loading from the existing ship loader

1 could be provided --

2 THE CHAIR: Sorry. Mr. Primeau, right now
3 I'm just looking for deferred responses to the
4 Mittimatalik Hunters and Trappers Organization's
5 question regarding funding.

6 MR. PRIMEAU: Sorry.

7 THE CHAIR: Yeah.

8 MR. PRIMEAU: I did receive a -- did
9 receive -- well, I sent an email to the office to try
10 to get the information exactly. I believe the total
11 that we received for the first two go-rounds was in the
12 neighbourhood of \$78,000, and I know we had applied for
13 significantly more than that in our first application
14 that we did ourselves in December.

15 For this current hearing, we had applied for
16 65,000 of which we were approved for 32,000 and change.
17 So we also received significantly less funding than was
18 requested, but an update with exact numbers could be
19 provided once I receive the information back from the
20 office. Thank you, Madam Chair.

21 THE CHAIR: Deferred response from the
22 Sanirajak Hunters and Trappers Organization, Michael
23 Ferguson.

24 Deferred Response from Sanirajak Hunters and Trappers
25 Organization

26 MR. FERGUSON: Hello. This is Michael

1 Ferguson. Do you hear me?

2 THE CHAIR: Yes. You may proceed.

3 MR. FERGUSON: I do not have the information
4 requested by the Mittimatalik HTO. I would refer that
5 to the chair of the Hall Beach HTA. Thank you.

6 THE CHAIR: Okay. We'll take that as
7 another deferred response.

8 Arctic Bay Hamlet, Hamlet of Arctic Bay, Olayuk
9 Naqitarvik.

10 Do you have an answer to the question regarding
11 the Pond Inlet HTO? Is he here?

12 MR. NAQITARVIK: Yes, I am here. Olayuk
13 Naqitarvik.

14 But I haven't been home for a long time. So with
15 the members of the hamlet, they may have a better
16 answer to that because I've been away for a while from
17 my home. I've been in Iqaluit for a long time. It
18 would be good if they have an answer. Are they able?

19 THE CHAIR: Are there any representatives
20 from the Hamlet of Arctic Bay on the line? If so,
21 please press the "raise your hand" button.

22 MS. EJANGIAQ: Can you hear me? Thank you.
23 Geela Ejangiaq from the Hamlet in Arctic Bay. I'm not
24 able to answer that question right now regarding Eric's
25 question regarding the funding. If we get that answer,
26 we'll get back to you.

1 THE CHAIR: Okay. Legal counsel.

2 MS. MEADOWS: Thank you, Madam Chair.

3 Teresa Meadows, legal counsel for the Nunavut Impact
4 Review Board.

5 Madam Chair, the Mittimatalik Hunters and Trappers
6 Organization clarified for the Board that they did not
7 actually ask for the information from the Hamlet of
8 Arctic Bay. So they do not need to pursue that.

9 I would also point out to parties that
10 information -- updated information with respect to the
11 participant funding awards that have been provided to
12 date, including the updated information from here, has
13 been provided to crown -- by Crown-Indigenous Relations
14 and Northern Affairs Canada, and that information will
15 be circulated on the public registry today, if it has
16 not been done already. We just saw it come through.
17 So I'm not sure if it's been posted yet, but it will be
18 posted on the public registry directly from the
19 funders, from Crown-Indigenous Relations and Northern
20 Affairs Canada.

21 So if participants are interested or unable to
22 access their email, if they want to come and ask the
23 Board to provide them with a hard copy, we can do that.
24 Thank you, Madam Chair.

25 THE CHAIR: Okay. Continuing on the list
26 of registered intervenors to ask follow-up questions.

1 Next on the list, Hamlet of Arctic Bay, Olayuk
2 Naqitarvik.

3 Hamlet of Arctic Bay Questions Baffinland Iron Mines
4 Corporation

5 MR. NAQITARVIK: Olayuk Naqitarvik. Thank you.

6 In regards to the previous question that I wanted
7 to ask yesterday, from what I understood, there was a
8 question regarding this to Baffinland when they were
9 asked if they would be able to have some information
10 regarding Fisheries and Oceans, and, of course, they
11 agreed.

12 My question is: What came to my thought was: How
13 is that baseline going to be determined, and how are
14 they going to be mitigated when there's already changes
15 in place? And they say that they're giving money to
16 Pond Inlet for the impact that is imposed on them. It
17 just came to me yesterday.

18 So what about -- since the impact is already
19 there, how would they determine an impact has been
20 done? That was the question. How much impact would
21 they be able to find out? What level of impact are
22 they considering when they're considering to give money
23 for that impact?

24 THE CHAIR: Baffinland, Megan Lord-Hoyle.

25 MS. LORD-HOYLE: Megan Lord-Hoyle. I'll ask

26 Lou Kamermans to respond. Thank you.

1 THE CHAIR: Lou Kamermans.

2 MR. KAMERMANS: Lou Kamermans, Baffinland.

3 Thank you, Madam Chair.

4 I just want to start by clarifying that the
5 program I've spoken about mostly for Pond Inlet is the
6 Tasiuqtiit working group which -- which under Phase 2
7 could receive up to \$1.68 million a year. This is
8 based on a payment that's made regardless of our
9 monitoring programs or -- or what's observed with
10 wildlife. It's -- it's a payment that's guaranteed to
11 be made each year based on the number of vessels that
12 pass Pond Inlet.

13 So it's not -- it's not a compensation program the
14 way it's been referenced. It's just -- it's guaranteed
15 funding towards that working group, although the
16 overall amount will change based on the number of
17 vessels that -- that go past Pond Inlet each season.

18 If our monitoring programs -- and I'll just use
19 the marine area as the example -- were to show changes
20 that weren't anticipated under our proposal and we
21 would be able to determine those changes based on the
22 monitoring we've done to date since we've received our
23 first approval and since we began operating, we also
24 have baseline information from -- from before any of
25 that that supported our first assessments as well
26 dating back to 2008 from when we were collecting it

1 directly. But there's also regional information
2 available that we can look to as well.

3 But if we were to see a change that we weren't
4 anticipating and -- and compensation was the selected
5 route under our adaptive management plans and
6 agreements with Inuit, we would have to determine
7 collectively the -- the compensation amount and how
8 that would be calculated.

9 In the meantime, we have a standing wildlife
10 compensation fund available that's meant to be reviewed
11 and modified to address some of the concerns that have
12 been raised with its implementation. But there are
13 also other programs available to address concerns
14 raised by hunters, including a \$1.3 million payment to
15 the Mittimatalik Hunters and Trappers Organization that
16 can be spent on programs at their discretion.

17 And there's also our added regional hunters'
18 enabler fund agreed to through the Inuit Certainty
19 Agreement that would provide \$750,000 annually to
20 support different harvesting initiatives --

21 (INTERPRETER BELL) in the five --

22 THE CHAIR: You need to -- if you can go
23 back to where you said the numbers. You were going a
24 little too fast. Just the last number for the
25 interpreter.

26 MR. KAMERMANS: Yes. Sorry about that.

1 I believe the last number I cited was the 750,000
2 towards our regional harvesters' program that could be
3 used to support harvesting initiatives in any of the
4 five North Baffin communities.

5 But while that's an option -- and these programs
6 will hopefully help -- an increased hunters' access and
7 ability to harvest, Baffinland's Number 1 priority is
8 to avoid impacts, and compensating is the last place we
9 want to be.

10 And so we'll work hard with the communities in any
11 situation where monitoring indicates a response is
12 needed to reverse the effect before we go to a point of
13 discussion around compensation. But no impacts have
14 been identified that have caused a conversation around
15 compensation to date, and we will keep monitoring and
16 enhance our monitoring programs under Phase 2 to
17 account for additional activities, and that includes
18 the addition of Inuit-led monitoring through an
19 Inuit-developed stewardship plan. Thank you.

20 THE CHAIR: Hamlet of Pond Inlet.

21 MR. NAQITARVIK: For this reason I'm asking
22 this question. For a long time, the hunters and
23 trappers, they seem to have the same quota for the long
24 time. For this reason, if they have less narwhals,
25 there would be a reduction to the Pond Inlet quota, and
26 that is evident impact right now, and because there is

1 less narwhal and their quota has not changed for a long
2 time, Arctic Bay and Pond Inlet have not changed. But
3 now they're -- that quota change would certainly show
4 that impact what ships are moving around or other
5 things moving around, and now we know this past summer
6 there has been an impact. We know that.

7 But next time we will learn that there's been an
8 impact. And for this reason, there's people that
9 provide the quotas. They base those quotas on a number
10 of available wildlife, and so Qikiqtani will be --
11 Qikiqtani Inuit Association will be able to find out,
12 and they will also be able to find out as well on this.
13 There are other Elders that want to say something.
14 They want to ask a question as well. Thank you for the
15 anticipated answer. If that person could be available.

16 THE CHAIR: Who's the person? What's the
17 name?

18 MR. KUNUK: Zacharias Kunuk.

19 THE CHAIR: Zacharias Kunuk.

20 Zacharias Kunuk (Elder) Questions Baffinland Iron Mines
21 Corporation

22 MR. KUNUK: I am from Arctic Bay, from
23 hamlet counteller [phonetic] I didn't want to hear I
24 was an Elder, but I am, and, firstly, I have two
25 statements to make.

26 Recently when the hamlet was meeting and wanted to

1 do something in support, I am not able to report
2 everything we talked about.

3 But the wildlife people are selling the -- the
4 meat rapidly in the communities -- in our communities,
5 and we are expecting they will be cut off soon not to
6 sell for making money with the -- the meat, selling it.
7 But we might -- it might be cut off pretty soon.

8 The Mary River Baffinland is our future in Baffin
9 Island, and some of the things we're not happy about,
10 but we know Inuit will have to be involved in Baffin
11 Island for enhancements for our future and wage
12 earnings, and for that that reason, we supported it.

13 I'm not young anymore, and my question will be to
14 Mary River. We a lot of times come here for meetings
15 and meet with them, and people from Pond say constantly
16 the fish are dying off, and Inuit are -- Milne Inlet
17 area, and some of the them are dead, and it's -- and I
18 said, people of Pond Inlet said this: Do some surveys.
19 Do some reviews of what's happening with the fish in
20 that area where the fish are inhabited. Please review
21 and study what's happening, why they are dying off.

22 And for that reason, we want to find out if
23 they're dying off rapidly or if they have any other
24 foreign -- foreign things in them from the mining
25 concerning the fish, and if you study them, if they're
26 okay -- and maybe that was just our thought, that they

1 were dying off to begin with, so we'll know exactly
2 what's happening.

3 And the survey studies, you never answered them.
4 What happened to the studies that were done in the
5 past? I never got an answer even when I got a --
6 received a letter of confirmation. Nothing. They said
7 they did studies, and today the iron ore mining, they
8 said they never seen anything foreign.

9 Before they started establishing Baffinland mining
10 and the fish were abundant, before anybody went up in
11 that area where the mining company is, and for the
12 closest people to the mining, Pond Inlet, and we didn't
13 find -- they said they didn't find anything wrong with
14 them. And when they did the study, they said -- and
15 that was my question. What's happened when you said
16 there weren't any problems with the fish dying off
17 of -- as to how? Thank you.

18 THE CHAIR: Baffinland, Megan Lord-Hoyle.

19 MS. LORD-HOYLE: Megan Lord-Hoyle, Baffinland.

20 And thank you for the question, and I hope I
21 understood it correctly. I believe what I heard was
22 reference to information that Pond Inlet has provided
23 in past meetings to Baffinland as well as to the
24 Nunavut Impact Review Board on fish kills that they
25 have seen present within Milne Inlet.

26 This information started coming to our attention a

1 couple of years ago, and at the time, we had asked that
2 if -- if any residents of Pond Inlet ever observe fish
3 kills, that they could let us know, and if we were
4 doing monitoring in the area, we could go and
5 investigate.

6 But I think more importantly as well, Fisheries
7 and Oceans Canada identified that they should also be
8 notified so that they could conduct investigations with
9 the community as well.

10 But I can confirm that through our monitoring, we
11 have never seen any of these mass fish kills that have
12 been referred to, but we do monitor Arctic char within
13 Milne Inlet. We monitor the -- the quality of fish and
14 to observe if -- if metal concentrations are
15 increasing, which we have not seen changes in metal
16 concentrations in fish as well as the presence.

17 But we know that this is -- is critically
18 important to the community. So we have also -- we will
19 be expanding our Arctic char monitoring programs to
20 both Milne Inlet -- or within Milne Inlet and Navy
21 Board Inlet over the next two years, and we're hoping
22 to work with the Mittimatalik Hunters and Trappers
23 Organization to help us design and implement that
24 program. Thank you.

25 THE CHAIR: Arctic Bay Hunters and
26 Trappers, Mr. Kunuk. Did you want to add to your

1 question?

2 MR. KUNUK: It's going to be a long day
3 ahead 'cause we still have days to ask questions.
4 Thank you. I have none left.

5 THE CHAIR: Next on the list of registered
6 intervenors, Ikajutit Hunters and Trappers
7 Organization, Lori Idlout.

8 Ikajutit Hunters and Trappers Organization Questions
9 Baffinland Iron Mines Corporation

10 MS. IDLOUT: Loris Idlout, Hunters and
11 Trappers Organization from Arctic Bay.

12 I have quite a few questions to raise, firstly to
13 Baffinland, and also I'm thank the NIRB for opportunity
14 to ask questions this time, and we weren't able to put
15 them in paper for questions. So this is a good
16 opportunity, and thank you.

17 And my questions are to Inuit Qaujimajatuqangit
18 issue, to get more clarification. Moses Kunuk, I've
19 been beside her for in years and -- and Baffinland as
20 to how they use the Inuit Qaujimajatuqangit in their
21 programs. Firstly, my question will be -- I will speak
22 in English for the question.

23 What is -- what -- was it part of your predictions
24 that narwhal would change their migration to Arctic Bay
25 area when you started making predictions about narwhal
26 behaviour?

1 THE CHAIR: Baffinland, Megan Lord-Hoyle.

2 MS. LORD-HOYLE: Megan Lord-Hoyle. I'll ask
3 Phil Rouget to respond. Thank you.

4 THE CHAIR: Phil Rouget.

5 MR. ROUGET: Thank you, Madam Chair. Phil
6 Rouget, Golder Associates on behalf of Baffinland.

7 Can I please ask that the question be restated?

8 We did not hear the full question. Thank you.

9 THE CHAIR: Ikajutit (INUKTITUT SPOKEN),
10 Lori Idlout.

11 MS. IDLOUT: Lori Idlout, technical
12 advisor, Ikajutit Arctic Bay Hunters and Trappers
13 Organization.

14 Was it part of -- I'll rephrase. Since Moses
15 Koonoo has started asking questions about Inuit
16 Qaujimagatuqangit, a lot of the responses that
17 Baffinland has been providing has included a lot of
18 documents but also saying that you've had predictions
19 in regard to many different things.

20 So one of my questions is: Was it part of
21 Baffinland's predictions in regard to narwhal behaviour
22 that they would change their roots so that they would
23 end up showing more frequently in Arctic Bay and moving
24 away from Pond Inlet based on the increased shipping?
25 Qujannamiik.

26 THE CHAIR: Baffinland, Phil Rouget.

1 MR. ROUGET: Thank you, Madam Chair. And
2 thank you for clarifying the question. Phil Rouget,
3 Golder Associates on behalf of -- behalf of Baffinland.

4 Well, I guess I'll start off by saying that we
5 acknowledged the fact that there is uncertainty in the
6 degree of natural mixing between the Eclipse Sound
7 stock and the Admiralty Inlet stock. Based on existing
8 tagging data for those species, we know historically
9 that there is mixing -- some degree of mixing between
10 those two stocks, and the degree of that mixing is
11 currently unknown.

12 There have been previous population surveys done
13 at the same time for both populations pre-shipping,
14 specifically those completed by DFO in two thousand --
15 I believe it's 2004 and 2010. I'll have to check back
16 on those dates. So that would've been well before
17 shipping, and the estimates provided in those years
18 indicated that there were -- there was likely some
19 degree of mixing between those two areas.

20 In other words, in the first survey in 2004, there
21 was a higher number of animals in Eclipse and a lower
22 number in Admiralty, and then in the consequent survey
23 in 2010, those numbers were reversed.

24 So we acknowledge that that possibility existed in
25 terms of our predictions related to disturbance. Our
26 predictions have always been that the level of ship

1 noise on narwhal was predicted to be limited to
2 temporary localized avoidance and no -- no displacement
3 or abandonment of the RSA, regional study area.

4 So we did not predict for displacement to occur as
5 a result of the project from Eclipse to Admiralty but
6 acknowledge the fact that there's likely variability in
7 the numbers between the two stocks because of mixing.

8 That's sort of a summary of our knowledge on
9 the -- on the western science side of things. In terms
10 of the available IQ record, those -- that degree of
11 mixing is also supported by Inuit knowledge as captured
12 in existing IQ documentation, including Technical
13 Support Document Number 3. I hope that answers your
14 question. Thank you.

15 THE CHAIR: Ikajutit Hunters and Trappers
16 Organization, Lori Idlout.

17 MS. IDLOUT: Lori Idlout, technical
18 advisor, Ikajutit.

19 A follow-up question to the predictions that
20 existed. What mitigation was planned for knowing that
21 these predictions would be met, and what mitigation was
22 planned if the mitigation -- or that predictions were
23 exceeded?

24 THE CHAIR: Baffinland, Megan Lord-Hoyle.

25 MS. LORD-HOYLE: Megan Lord-Hoyle, Baffinland.

26 I'll ask Phil Rouget to speak to the specific

1 mitigations in place. Thank you.

2 THE CHAIR: Phil Rouget.

3 MR. ROUGET: Phil Rouget, Golder

4 Associates. Thank you, Madam Chair.

5 The mitigation measures in place for noise
6 disturbance effects on narwhal include reduced vessel
7 speeds whenever travelling in the regional study area.
8 What that does is it effectively decreases the noise
9 footprint of the ships as they travel through the area
10 as well as decreases the potential for ship strikes.

11 The reduction in the number of transits during the
12 shoulder seasons, this is because icebreaker activities
13 during those seasons can result in louder noise because
14 it's engaging with ice, which is a louder activity. In
15 recognition of this, we proposed reducing the number of
16 transits in the heaviest ice conditions so that there
17 would only be one transit per day in anything over
18 nine-tenths ice concentration.

19 We also proposed a 40-kilometre setback area or
20 buffer area in response to Inuit-shared knowledge on
21 where narwhal and other marine mammals tend to hold or
22 congregate near the floe edge upon entry near Pond
23 Inlet at the start of the season as they're waiting for
24 the ice to break out to avoid overlap between ships
25 waiting to do the same thing coming into the RSA. This
26 mitigation involves these ships sitting beyond the

1 acoustic footprint, plus an appropriate buffer in
2 Baffin Bay until there's a clear path into the --
3 towards Milne Port.

4 There's restricted shipping in certain parts of
5 the RSA to not interfere with harvesting activities, as
6 an example, along the north shore of Milne Inlet; And
7 in Koluktoo Bay, an area where narwhal are found
8 annually in high concentrations because of calving
9 activities.

10 That's the summary of the main mitigation points
11 for narwhal with respect to noise. I believe part of
12 your question also asked what kind of adaptive
13 management mitigation could be implemented if the
14 impact predictions were determined to be exceeded.
15 Some examples of these were recently provided in the
16 technical memorandum that we submitted last week with
17 respect to summary of our 2020 narwhal monitoring
18 programs.

19 This is what we effectively refer to as a
20 mitigation tool kit, mitigation measures that can be
21 drawn upon if additional measures are needed. This
22 would be -- this would and could include a further
23 reduction in transits during the front shoulder season
24 or -- or the fall shoulder season, specifically
25 eliminating any icebreaking in over nine-tenths ice,
26 reducing the number of transits that are allowed in

1 over six-tenths ice, looking at options on sort of
2 clearance surveys or abundance surveys to see if
3 narwhal have cleared further south into the regional
4 study area towards Koluktoo prior to allowing
5 icebreaking to start in the regional study area.

6 There's others as well too, but those are covered
7 in the technical memorandum, and -- and those are, of
8 course, measures that we have not implemented yet but
9 are available to us should the need require. Thank
10 you.

11 THE CHAIR: Ikajutit Hunters and Trappers
12 Organization, Lori Idlout.

13 MS. IDLOUT: Lori Idlout, Ikajutit
14 technical advisor.

15 Just a quick follow-up question that I don't need
16 the answer to right at the moment. Other than the
17 Technical Supporting Document Number 3, could you
18 provide the documentation to support the information
19 that you talked about in terms of the predictions that
20 had been made and how those mitigation plans would have
21 been provided for?

22 I'll move to my next question. My next question
23 is specifically in relation to the technical supporting
24 documents that you provided about Inuit
25 Qaujimagatuqangit. We've -- we've read through the
26 documents, including TSD-3. Unfortunately, most of the

1 content doesn't appear to be Inuit Qaujimajatuqangit
2 through our assessments.

3 Having said this, what is the IQ content that you
4 heard that prompted changes to your project management
5 plans? Qujannamiik.

6 THE CHAIR: Baffinland, Megan Lord-Hoyle.

7 MS. LORD-HOYLE: Megan Lord-Hoyle. I'll ask
8 Lou Kamermans to respond.

9 THE CHAIR: Lou Kamermans.

10 MR. KAMERMANS: Thank you, Madam Chair. Lou
11 Kamermans, Baffinland.

12 I can provide two examples of -- where Inuit
13 Qaujimajatuqangit influenced the project design and by
14 association our mitigations and -- and management
15 plans.

16 The first example is the description of Phase 2
17 that was in place when the workshops were carried out
18 in 2015 and 2016. It did include a much longer
19 shipping season than we've currently proposed. This
20 did include land-fast icebreaking, and it did extend up
21 to ten months of the year. It was also called --
22 winter shipping was a component of the first Phase 2
23 project description.

24 Through those workshops, we determined that based
25 on the harvesting we understood to occur at the
26 different seasons and on a number of other factors,

1 that that was not an acceptable version of the project
2 put forward and -- and fed into our internal
3 decision-making to modify the project proposal.

4 And so what you see before you today as -- as the
5 project description for Phase 2 and by extension all of
6 the management plans we've submitted as updated drafts
7 for review, reflect how we collected that Inuit
8 Qaujima jatugangit that was shared with us and used it
9 to make a meaningful change to the project.

10 Another example is more current, and we've used it
11 before. But I think in -- in this case, it's -- it's
12 good to use again. It's the recorded abundance of
13 narwhal in 2018. This was a year where our Bruce Head
14 shore-based monitoring program did not run. In the
15 previous winter, our -- our station at Bruce Head had
16 been damaged, and -- and it wasn't useable in the
17 following season. So we did not run that monitoring
18 program that year.

19 There were also no aerial surveys run. So our own
20 monitoring programs were not able to determine the
21 state of narwhal in Eclipse Sound and Milne Inlet like
22 we could in previous seasons. But what we heard from
23 the community was there was a particularly low level of
24 narwhal in the area and that it affected their
25 harvesting, and we see that in the -- the record of
26 harvest for that year. I believe the number is 64 when

1 other years are well above a hundred.

2 So with that information, we decided to do a
3 number of things. We increased our monitoring planned
4 for the following year for 2019. We committed to run
5 aerial surveys. These are a very large undertaking.
6 They're more typically carried out by Fisheries and
7 Oceans in support of their management of the Eclipse
8 Sound stock. So we took this on as the project and --
9 and developed the program with input from the marine
10 environment working group, which was very valuable, and
11 implemented that in 2019 and again in 2020, and it's,
12 again, planned for 2021.

13 In addition to increasing our monitoring because
14 of what was observed in 2018, we also implemented
15 precautionary mitigation measures for our vessels'
16 operations in ice which included transit restrictions
17 during the spring. So once land-fast ice is broken and
18 the vessels are -- are operating in ice, based on ice
19 concentration, Baffinland imposed maximum daily
20 transits. And as Phil previously described, this is to
21 manage the acoustic or potential acoustic disturbance
22 to narwhal from our operations in that season.

23 And we also implemented a setback from the Nunavut
24 settlement area and -- and floe edge to ensure that our
25 vessels were not interacting or interfering with
26 narwhal as they were staging to enter Eclipse Sound.

1 So that was based on community feedback we
2 received in 2018, which fits our expanded definition of
3 Inuit Qaujimajatuqangit, which isn't limited to -- to
4 the information you collect through research
5 institute-issued permits in -- in that formal
6 collection. It's -- it's listening all the time to
7 what's being said by the communities and turning that
8 into real actions, and so those actions all became part
9 of our management plans. And so the specific
10 management plan that's been modified is the shipping
11 and marine wildlife management plan which has those new
12 mitigations in them.

13 But most important, what we've heard from Inuit is
14 that there's a desire to be directly involved in our
15 monitoring programs and the decision-making processes
16 related to the management of our project that determine
17 how we respond to the potential effects of our
18 activities. This is something that was heard very
19 clearly by both Baffinland and the Qikiqtani Inuit
20 Association and played very heavily into what we call
21 the Inuit Certainty Agreement and the mechanisms we've
22 agreed to to ensure that if Phase 2 moves forward,
23 Inuit have a direct role in the management of our
24 project when it stands to impact the proponents of the
25 environment that are important to Inuit. Thank you.

26 THE CHAIR: Ikajutit Hunters and Trappers

1 Organization. This is also your six-minute warning,
2 Lori Idlout.

3 MS. IDLOUT: Lori Idlout, technical
4 advisor, Ikajutit.

5 You did not answer my question about what content
6 it is that you heard. But given that our time is
7 severely limited, that's -- our time's only been -- our
8 time is too restricted for me to carry on with that
9 question.

10 I have two other questions that I'll ask together
11 that I don't need answers at the moment because I don't
12 know if their long responses takes time away from my
13 questions. I did have other questions following.

14 How does Baffinland ensure that IQ is understood
15 at the most basic level by non-Inuit employees?

16 In regard to a follow-up question that I had at
17 the last session, regard to the Prno report and the
18 Prno contract, were there any Inuit firms that were
19 considered prior to hiring Prno? If there were Inuit
20 firms, why were they not hired? What level of IQ did
21 Prno display to win the contract? How was Prno guided
22 by IQ?

23 Ikajutit Hunters and Trappers Organization Questions
24 Qikiqtani Inuit Organization, Nunavut Tunngavik
25 Incorporated, and Government of Nunavut

26 MS. IDLOUT: I have questions for other

1 intervenors. My questions to the other intervenors are
2 to QIA, NTI, and Government of Nunavut.

3 NIRB has provided a list of other major hearings.
4 My questions are related to the sessions from
5 October 12 to November 23, 2018; November 21 to
6 March 29, 2019; January 15 to 30, 2019; April 8 to 10,
7 2019; and June 17 to 19, 2019.

8 My question's to the three intervenors. Could you
9 please provide us a list of engagements that you had
10 with residents of Arctic Bay since the beginning of the
11 approval process and including what preparations you
12 did to ensure that Arctic Bay views were heard in those
13 five other sessions before Arctic Bay officially became
14 an intervenor in the November 2 to 9, 2019, public
15 hearing session? Qujannamiik.

16 THE CHAIR: First we'll go to a response
17 from Baffinland, and then we're going to take a
18 15-minute break, and then get deferred responses from
19 the three registered intervenors.

20 First from Baffinland, Megan Lord-Hoyle.

21 MS. LORD-HOYLE: Megan Lord-Hoyle, Baffinland.

22 I'd like to first start by stating we did -- we
23 did answer your question in terms of how Inuit
24 Qaujimagatugangit -- what information has been used to
25 inform changes to our project. We are -- we are
26 answering as thoroughly as we can to ensure that the

1 information I share here with the Board, as well as
2 those participating.

3 In regards to your first question of: How does
4 Baffinland ensure Inuit Qaujimajatuqangit is understood
5 by non-Inuit employees at a basic level? There's a
6 number of ways. We -- we have cultural engagement
7 workshops. We have cultural awareness training at the
8 mine site. We're in the process of revising those
9 programs and ensuring that they do reach all of our
10 employees.

11 So we have been and will continue to make efforts
12 to ensure non-Inuit understand the Inuit culture and
13 Inuit Qaujimajatuqangit and how it guides our project
14 operations, but we know that there are improvements to
15 be made.

16 One of the commitments that we've made which we
17 hope will help better -- help us to understand how to
18 do this, how to embed it more within the company, is
19 we've -- we've asked the community's approval of our IQ
20 management framework or our Inuit Qaujimajatuqangit
21 management framework. That will be updated. So we'd
22 like to revise and review that in conjunction with the
23 communities.

24 We'll also be creating a new position in the -- in
25 each community to advise us on Inuit Qaujimajatuqangit
26 and be a link between the communities and the company

1 and also advise us how to ensure our employees are
2 properly taking Inuit Qaujimajatuqangit into
3 consideration.

4 As to your second question, I'm not going to
5 provide an answer here as that question was asked and
6 answered at the -- the last hearing. So in the
7 interest of time, I will not repeat the answer now.
8 Thank you.

9 THE CHAIR: We're going to take a
10 15-minute break until 3:45.

11 (ADJOURNMENT)

12 THE CHAIR: Welcome back,
13 everyone.

14 Before we go to the next registered intervenor,
15 deferred responses, first from Nunavut Tunngavik
16 Incorporated, James Eetoolook.

17 MR. EETOOLOOK: Thank you, Madam Chair.

18 I'm going to ask David to respond. Thank you.

19 THE CHAIR: David Kunuk.
20 Deferred Responses from Nunavut Tunngavik Incorporated,
21 Qikiqtani Inuit Association, Government of Nunavut,
22 Baffinland Iron Mines Corporation to Hamlet of Arctic
23 Bay

24 MR. KUNUK: David Kunuk. NTI has -- (NO
25 ENGLISH FEED) formal consultation on Phase 2 proposal
26 with affected communities and has relied on various

1 opportunities to assess Inuit concerns.

2 Further, working with Qikiqtani Inuit Association,
3 Nunavut Tunngavik has participated in technical reviews
4 of wildlife impacts of the Phase 2 project proposal led
5 by QIA and has been partially relying on QIA's
6 consultation efforts. Opportunities for engagement --
7 affected communities on issues have included Nunavut
8 Tunngavik's participation in Nunavut wildlife
9 management board meetings, (INUKTITUT SPOKEN) wildlife
10 board annual general meetings in that Nunavut Impact
11 Review Board review process.

12 Nunavut Impact Review Board has convened various
13 technical meetings that Nunavut Tunngavik has attended
14 and relied on to gain information on technical issues,
15 data, and Inuit knowledge provided by intervenors and
16 affected communities. Thank you.

17 THE CHAIR: Qikiqtani Inuit Association,
18 Jared Ottenhof.

19 MR. OTTENHOF: Thank you, Madam Chair. Jared
20 Ottenhof for the Qikiqtani Inuit Association.

21 Qikiqtani Inuit Association is guided by its board
22 of elected community directors and has interactions
23 with hamlets and hunter and trapper organizations
24 through various venues. We are always listening when
25 at gatherings, meetings, workshops, even if they are
26 not specifically related to the Mary River Project.

1 Qikiqtani Inuit Association staff, in
2 participating in technical meetings, public hearings
3 and other review process related meetings, is guided by
4 our board.

5 The Hamlet of Arctic Bay is well represented on
6 our board of directors. It is important to note that
7 the Qikiqtani Inuit Association is but one of many
8 intervenors intended to represent communities, with
9 QIA -- with Qikiqtani Inuit Association having the
10 unique responsibility to represent Inuit interests
11 specifically.

12 It is Qikiqtani Inuit Association's understanding
13 that the Nunavut Impact Review Board process is a
14 public process, and anyone, whether associated with an
15 intervenor such as the hamlet or hunter trapper
16 organization or not, can make comments and submissions
17 to the Nunavut Impact Review Board on projects.

18 Qikiqtani Inuit Association is always and
19 continually open to engaging with the communities and
20 receiving feedback and guidance on how to participate
21 in projects and activities in the Qikiqtani region.
22 Thank you.

23 THE CHAIR: Government of Nunavut,
24 Natalie O'Grady.

25 MS. O'GRADY: Thank you, Madam Chair.
26 Natalie O'Grady, Government of Nunavut. Thank you for

1 the question, Lori.

2 I think in order to answer it fully and also for
3 the benefit of the Board and all intervenors in this
4 process, I would like to sort of propose to you that
5 the Government of Nunavut commit to detailing our
6 engagement summary throughout this process and explain
7 that a bit more fully in an updated written submission
8 so that not only Arctic Bay but all impacted
9 communities can review that, and the Board has offered
10 all parties and intervenors that opportunity.

11 I would like to note, though -- I think it's
12 important to note that the NIRB -- NIRB Review -- or
13 Nunavut Impact Review process is a consultation process
14 that the Government of Nunavut participates fully in.
15 That's where we get to really hear detailed concerns,
16 perspectives, Inuit Qaujimajatuqangit on these
17 proposals.

18 So I think the Nunavut Impact Review Board has
19 done a very hard job and have done a tremendous job on
20 this proposal that is -- you know, still has a lot of
21 big questions. So I just wanted to note that aspect of
22 it, but I think perhaps it would be good for all -- all
23 interested parties that we give our engagement summary
24 for everybody, not just one -- one community, if that's
25 okay with you. We can make that commitment. Thank
26 you.

1 THE CHAIR: I believe there's also a
2 follow-up statement from Baffinland. Mike
3 Setterington.

4 Deferred statement from Baffinland Iron Mines
5 Corporation to Mittimatalik Hunters and Trappers
6 Association

7 MR. SETTERINGTON: Madam Chair, it's Michael
8 Setterington with Environmental Dynamics for
9 Baffinland.

10 The follow-up that I have is in response to the
11 MHTO question to the Government of Nunavut wondering if
12 collaring 350 caribou is necessary for effects
13 monitoring, and I'd just like to clarify that we've
14 never suggested we were going to require 350 caribou to
15 be collared. Our number that we've looked at
16 statistically and presented in the Terrestrial
17 environment working group in December 2020, that the
18 Mittimatalik Hunters and Trappers Association was at,
19 is we're identifying that 35 caribou be collared per
20 year per duration of a study of the project's effects
21 on caribou, and we estimated that in order to be able
22 to collar 35 caribou, we would require that at least
23 350 caribou exist in a northern and/or southern study
24 area, but only 35 caribou collared per year, not 350.
25 Thank you, Madam Chair.

26 THE CHAIR: Before we go to the next

1 registered intervenor, there's an Elder in Pond Inlet
2 with a question. Kaujak Komangapik.

3 Kaujak Komangapik (Elder) Questions Baffinland
4 Iron Mines Corporation, Qikiqtani Inuit Association,
5 Government of Nunavut, Crown-Indigenous Relations and
6 Northern Affairs Canada, Fisheries and Oceans Canada

7 MS. KOMANGAPIK: Can you hear me?

8 THE CHAIR: Yes.

9 MS. KOMANGAPIK: Good afternoon. I apologize
10 that I could not attend in Iqaluit because I had a -- I
11 have a project that I'm doing.

12 I'm Kaujak Komangapik from Pond Inlet. We had
13 heard that we were going to have an evening session,
14 and so some of the Elders were -- when they were asked
15 to come to the hall last night -- I was one of them,
16 and -- I'm sorry -- I couldn't attend last night's
17 session.

18 I have a question to Baffinland and to the
19 Qikiqtani Inuit Association as well, as well as CIRNAC,
20 as well as the Government of Nunavut.

21 You have spoken and said when -- that you had --
22 as a collective working group, that you -- that you
23 meet prior to the project proposal started at Milne
24 Inlet, and then the project started at a very fast
25 pace. The construction started and then the operations
26 started. When we were -- when -- when our people

1 collect -- or working groups and parties work together
2 collectively, projects can operate better.

3 I wonder if there is any way -- the mic here
4 is ...

5 It felt like I could hear an echo. Sorry, Madam
6 Chair.

7 I have a question regarding the mine and mine
8 site. There's a widespread iron ore dust. It's become
9 widespread throughout the land. As hunters and
10 gatherers, we feel that impact. Baffinland, QIA, I
11 think there should be a better process that you should
12 maybe look into. We need to know whether there are
13 better -- there is going to be better plans in place.

14 I will also have another short question that I
15 would like to ask after -- after I get an answer.
16 Thank you.

17 THE CHAIR: First we'll go to Baffinland.
18 Megan Lord-Hoyle.

19 MS. LORD-HOYLE: Megan Lord-Hoyle, Baffinland.
20 Thank you for the question.

21 I'd just like to confirm. You were speaking at
22 the beginning about meeting as a working group, and
23 that is true. We -- Baffinland meets with many of the
24 parties that are participating in this process in
25 different groups -- environmental working groups or
26 socio-economic working groups as part of the annual

1 project review forum with the Qikiqtani Inuit
2 Association, and we thank you for mentioning that
3 working together and collaboratively can lead to better
4 operations. We do believe that, and we appreciate the
5 input that all parties have provided in the current
6 operations as well as the Phase 2 proposal as well.

7 If I understood correctly, you were asking about
8 dust specifically and noting that many hunters have
9 talked about impacts on the land from dust, and we are
10 aware of that. It's been brought to us in many
11 different ways from hunters speaking about this, and we
12 have been working internally as well as hearing from
13 Inuit in Pond Inlet and the Qikiqtani Inuit Association
14 about what can we do better as an organization to
15 decrease the dust that's produced.

16 So in our current operations, we've been doing a
17 lot of different things, watering the roads and, more
18 recently, spraying the stockpiles at port to try and
19 stop dust from blowing into the environment.

20 As part of Phase 2, there's a number of really
21 good changes to the operation that will help decrease
22 dust even further. Moving from trucks on the road to a
23 rail operation will decrease dust, and we're also
24 looking to change some of the crushing that we know is
25 going to -- the crushing that creates dust at the mine
26 site right now, we're changing that as well.

1 We're also going to hire a third party to do a
2 complete audit of our site and identify different
3 sources of dust. And should Phase 2 move forward -- if
4 the changes in Phase 2 aren't enough to offset or
5 reduce the dust, we'll take the recommendations in the
6 audit and put those into place as well, and we'd like
7 to -- to invite Inuit to be part of that audit as well
8 and help guide us in what extra practices we could put
9 in place.

10 I hope that answers your question. Thank you.

11 THE CHAIR: Qikiqtani Inuit Association,
12 Jared Ottenhof.

13 MR. OTTENHOF: Thank you, Madam Chair. Jared
14 Ottenhof with the Qikiqtani Inuit Association. Thank
15 you very much for your question.

16 You mentioned that when the first project was
17 approved, it all of a sudden started operating very
18 quickly. And it seems we're seeing that again with the
19 current project expanding too fast and too soon.

20 With respect to dust, QIA -- or Qikiqtani Inuit
21 Association has brought this up repeatedly through
22 annual reporting in comments to the Nunavut Impact
23 Review Board, identifying problems that we've heard
24 from the communities and also through monitoring.

25 There are some mitigation measures that are being
26 proposed for Phase 2, but they're largely unproven. We

1 don't know if they're going to work. Qikiqtani Inuit
2 Association has proposed different solutions and ways
3 to push for more Inuit involvement in project
4 decision-making, including the formation of a committee
5 to effect real change at the project, mostly because
6 the current working groups are not as effective as we
7 would like them to be.

8 Thank you.

9 THE CHAIR: Government of Nunavut,
10 Natalie O'Grady.

11 MS. O'GRADY: Thank you, Madam Chair.
12 Natalie O'Grady, Government of Nunavut. Thank you for
13 your question, your comments.

14 I'm not going to speak to dust too much. It's for
15 the proponent to manage and monitor the impacts of
16 their projects, and Baffinland has responded to that.
17 But I did want to chat a bit about process. So when I
18 listen to you, I sort of look at processes to -- two
19 sides of it. One is the process we're in right now,
20 the environmental impact assessment, and then should
21 Phase 2 be approved, what comes after to make sure
22 potential negative impacts are managed and mitigated.

23 For the assessment process, I think we've all --
24 all stakeholders, all intervenors, and the Board have
25 listened very carefully to the many positions and
26 opinions by intervenors and community participants.

1 The Government of Nunavut for sure views these
2 knowledge sets as complementary of each other and very
3 important to get the full picture around this proposal.

4 To that end, please know that comments and issues
5 raised by intervenors and community groups do not
6 invalidate each other. In fact, it helps the Board
7 very much to get a sort of full -- full view of this
8 proposal.

9 We'll continue to work with the hunters and
10 trappers associations and organizations, fellow
11 intervenors and stakeholders and the proponent, should
12 Phase 2 be approved, to ensure that the monitoring and
13 mitigation plans are working. And if it's shown that
14 they're not working -- you're right -- that's where we
15 have to work together to make decisions and course
16 correct where need be.

17 Unfortunately, we don't have all the answers
18 before us all of the time, but we do have the
19 capacity -- we do have -- everyone has something to
20 contribute to these discussions to ensure that the
21 project is managed effectively. I hope that answers
22 your question. Thank you.

23 THE CHAIR: For the Government of Canada
24 departments, Crown-Indigenous Relations and Northern
25 Affairs Canada, Spencer Dewar.

26 MR. DEWAR: Qujannamiik, Madam Chair,

1 Spencer Dewar, Crown-Indigenous Relations and Northern
2 Affairs Canada.

3 I think I'll say a few words, and then maybe I'll
4 open it up to other federal departments if they wanted
5 to add anything specific.

6 Thank you, Kaujak. Wise words. It's always
7 better when we work together. As such, in this
8 environmental assessment process, our department has
9 put in significant effort to identify issues within our
10 mandate and to help propose, you know, the areas where
11 potential impacts can occur, and we work with
12 Baffinland to -- but Baffinland can propose mitigations
13 to sort of ensure that the environment is protected.

14 We do share our concerns and our findings with the
15 Qikiqtani Inuit Association, with the Government of
16 Nunavut, and other intervenors, just to get a better
17 project. So we do try and work together.

18 Outside of that -- from the project,
19 Crown-Indigenous Relations and Northern Affairs has
20 another regulatory role where we're also field
21 operations. So field operations is our inspection and
22 enforcement capacity, and when the Nunavut Impact
23 Review Board issues a project certificate, it will
24 outline the requirements that are expected of
25 Baffinland, and our inspectors will inspect to ensure
26 that they're doing things appropriately in accordance

1 and in compliance with that project certificate.

2 In addition, there is other regulatory
3 instruments, such as the Nunavut water licence or Crown
4 land leases or authorizations, which we also inspect to
5 ensure that Baffinland's compliant with those as well.

6 In addition, we do monitor -- we do review and
7 analyze the monitoring reports provided by Baffinland
8 to ensure that what Baffinland has predicted stays
9 within the realm of what's acceptable, and when we find
10 things to be outside of that acceptable order, we'll
11 look for ways to further mitigate. Qujannamiik.

12 THE CHAIR: Was there other questions that
13 you wanted from Government of Canada?

14 MS. KOMANGAPIK: Thank you, Chairperson, for
15 these questions and the answers that I have received.
16 I have a better idea.

17 The second question I have, perhaps I'm going too
18 forward here, but if you look at this presentation,
19 there's a piece of map here. It looks like on
20 Milne Inlet. There seems to be a service there, and
21 also on Steensby, there seems to be a draft road.
22 There's a picture there. I just want to understand
23 clearly to perhaps -- to Baffinland, they can provide
24 an answer. Are both of these service areas -- these
25 roads at Milne Inlet and also at Steensby? Are those
26 both in the plans to be used if the project is

1 approved?

2 THE CHAIR: Baffinland, Megan Lord-Hoyle.

3 MS. LORD-HOYLE: Megan Lord-Hoyle, Baffinland.

4 Thank you for the question.

5 Currently, there is a road -- it's called the Tote
6 Road -- between the mine site and Milne Port. That's
7 in use. Under Phase 2, we would continue to use the
8 Tote Road as well as the rail line. The rail line
9 would be used to move ore -- so the iron ore, and the
10 road would be used to move people, equipment, fuel. So
11 both would continue to be used.

12 But under Phase 2, we would also look to make sure
13 that the road could be fully used by hunters or
14 visitors to the project site.

15 The line on the map for Steensby has not been
16 constructed yet. So the plan for Steensby under the
17 approved project is to build a rail line as well to
18 move fuel and iron ore, but there will also be a
19 support road between the mine site and Steensby for the
20 rail line as well. Thank you.

21 THE CHAIR: In Pond Inlet, Kaujak
22 Komangapik. Your question be answered?

23 MS. KOMANGAPIK: Thank you for this answer.
24 Yes, I understand.

25 So the last question is: When there's a service
26 of shipping through Eclipse Sound starting in July --

1 from July 15, November 14 -- I think that's the
2 dates -- has it been assessed properly by Fisheries and
3 Oceans in terms of seals and marine animals that this
4 is a place for seals -- especially in October they have
5 their -- they get pregnant in October, and they stay in
6 that area, and they stayed in that area, and they have
7 their cubs in that area.

8 Have you looked at it in the working group to have
9 a good review of -- good discussions on -- that there
10 will be -- whether there will be an impact to the
11 seals? Because seals, they're not people. They're
12 animals. If they want to be going away, they can go
13 away. If they're scared away or run away, if they --
14 if we -- when we are in Pond Inlet and if there is ice,
15 there is a whole bunch of hunters going on the ice to
16 hunt seals because they're so happy to be seal hunting
17 once the ice freezes solidly, Inuk, because for the
18 lack of caribou, we do a lot more seal hunting. That I
19 would consider as an Elder, that I'm not agreeing to
20 November 15 date. I'm not in agreement with this
21 proposal. This is -- have a good afternoon. I'll
22 leave it to others. I'll have go have my seat.

23 Thank you, Chairperson.

24 THE CHAIR: First we'll go to Baffinland,
25 Megan Lord-Hoyle.

26 MS. LORD-HOYLE: Megan Lord-Hoyle.

1 To respond, we have looked at the impact of our
2 project on seals, and currently for the Phase 2
3 project, that's what's under review right now, and what
4 parties around the tables are looking at right now.

5 So Baffinland has provided that assessment of how
6 our project activities may impact seals, and then
7 everyone around the table has the opportunity to
8 provide their input.

9 But at the working group level, Baffinland is --
10 has committed to start a specific seal monitoring
11 program, so that would be discussed at the marine
12 environment working group, the results of that.

13 And then I just want to respond to your last
14 comment around November 15th. More recently, through
15 conversations that have been had with residents of Pond
16 Inlet and through some of the submissions that the
17 Hamlet of Pond Inlet has provided or the Mittimatalik
18 Hunters and Trappers Organization, Baffinland has
19 changed the proposed shipping season for Phase 2. So
20 now we are proposing our shipping season will run from
21 July 15th to October 31st. So we're no longer looking
22 to have a set shipping season from July 1st to November
23 15th, which is what we had first proposed. Now it's
24 July 15th to October 31st. Thank you.

25 THE CHAIR: Fisheries and Oceans Canada,
26 Gabriel Bernard-Lacaille.

1 MR. BERNARD-LACAILLE: Thank you, Madam Chair.
2 Gabriel Bernard-Lacaille with Fisheries and Oceans
3 Canada. Thank you for your question.

4 In regards to seal, DFO can confirm that there has
5 not been a vast amount of research that has been done
6 on the impact of ice breaking or shipping on seals
7 during the shoulder seasons. Therefore, there's a
8 considerable amount of uncertainty as to how seals will
9 react to these activities and which habitats they will
10 choose, but we thank you for sharing your knowledge on
11 important areas for habitats for seals.

12 To better understand the impacts of these
13 activities, additional monitoring and research would be
14 required. To understand and track changes in seal
15 abundance and distribution on a time scale that would
16 allow for reasonable response times and then for
17 adaptive management programs, DFO would suggest aerial
18 surveys could be done. However, there are other ways
19 that are possible to monitor the impacts on seals,
20 including early warning indicators.

21 Thank you, Madam Chair. I hope this answers the
22 question. Thank you.

23 THE CHAIR: Next on the list of registered
24 intervenors, Hamlet of Sanirajak, Louis Primeau.
25 Hamlet of Sanirajak Questions Mittimatalik Hunters and
26 Trappers Organization, Baffinland Iron Mines

1 Corporation

2 MR. PRIMEAU: Thank you. Louis Primeau,
3 Hamlet of Sanirajak.

4 My first question is for the Mittimatalik Hunters
5 and Trappers Organization. I'm wondering if they could
6 provide a summary of their reasons for opposition to
7 Phase 2. Thank you, Madam Chair.

8 THE CHAIR: Mittimatalik Hunters and
9 Trappers Organization, Eric Ootoovak.

10 MR. OOTOOVAK: Thank you, Chairperson. Eric
11 Ootoovak. Thank you for that question, Louis.

12 Mittimatalik Hunters and Trappers Organization has
13 no or little trust that Baffinland will do what they
14 say they will do. They have had many years to prove
15 themselves, but they have failed to meet a number of
16 present projects' commitments and conditions, like
17 monitoring of Arctic char in Koluktoo Lake, monitoring
18 stations on the rail line. They have not collected
19 sufficient or adequate data in the time they have been
20 operating, data which is critical to the present
21 application, and they misrepresent meetings with us in
22 Inuit Qaujimajatuqangit meetings, all of which
23 undermines an effective working relationship.

24 This project is looking for too much and too fast.
25 Baffinland is not prepared for this hearing. They have
26 not done the necessary work to support this

1 application. Look at all the information that
2 Baffinland has filed in the last couple of weeks, well
3 into this hearing, monitoring data for narwhal,
4 that's -- no one has had a chance to properly review,
5 and so-called triggers and the thresholds that are
6 buried in one of Baffinland's answers to our questions.
7 And, worst of all, very little to no baseline data on
8 many issues that are critical for the longevity of our
9 harvesting rights. I'll leave it at that.

10 Thank you, Iksivauta.

11 THE CHAIR: Hamlet of Sanirajak, Louis
12 Primeau.

13 MR. PRIMEAU: Thank you, Madam Chairperson.

14 I have a follow-up question to the Mittimatalik
15 Hunters and Trappers Organization. What about issues
16 related to adaptive management, uncertainty, and
17 unresolved issues. From listening to your
18 presentation, it wasn't all that clear, and I'm
19 wondering if you can explain your position on those
20 items as related to Phase 2.

21 Thank you, Madam Chairperson.

22 THE CHAIR: Mittimatalik Hunters and
23 Trappers Organization, Eric Ootoovak.

24 MR. OOTOOVAK: Qujannamiik, Iksivauta.

25 Eric Ootoovak, Mittimatalik Hunters and Trappers
26 Organization.

1 Qujannamiik, Louie, for the follow-up, and I will
2 be happy to speak to those issues that were missed in
3 February.

4 From our presentation, Slides 28 and 29 looked at
5 marine environmental effects, monitoring plan, and
6 adaptive management. Baffinland was supposed to update
7 and modify its marine monitoring plan but has not.
8 Since 2015, marine mammal monitoring has occurred
9 inconsistently year to year. No changes have been made
10 to specifically monitor effects of icebreaking
11 activities on narwhals and seals or harvesting the last
12 three-and-a-half years. Baffinland has been operating
13 icebreakers without any environmental assessment all
14 that time.

15 Baffinland should have thought -- or a thoroughly
16 effects monitoring plan based on findings of monitoring
17 done to date. This is not in place. Missing
18 indicators, thresholds, and triggers for effects on
19 narwhals does not meet existing Project Certificate
20 Conditions 110 and 112.

21 We note that the Nunavut Impact Review Board does
22 not have a monitoring framework in place for the Mary
23 River yet either, and there are major areas of
24 uncertainty and gaps that we suggest must be addressed.

25 There are findings from Baffinland's monitoring
26 that should have triggered an adaptive management

1 response by now. Baffinland hasn't followed its own
2 procedures, which were put in place for adaptive
3 management.

4 It has been seven years since Baffinland began
5 monitoring the effects of shipping on narwhals and
6 still they have only developed one early warning
7 indicator. We still don't have clear thresholds and
8 triggers for modifying shipping, and this is not
9 acceptable.

10 From the third technical meeting, Baffinland said
11 that Phase 2 shipping levels won't occur before 2024,
12 so early warning indicators can be developed by that
13 time. We also heard Inuit-specific indicators are
14 expected by August of 2021. (INDISCERNIBLE) a few
15 months, Baffinland could do its own in seven years with
16 an army of marine experts and consultants, so you
17 cannot expect Inuit to do this in a few months.

18 On our -- on Slide 30, we reference issues to --
19 uncertainty around future monitoring and ability of the
20 project to implement change. Before deciding on
21 Phase 2, consideration must be given to whether the
22 effects of the project on our rights can be mitigated
23 and by what measures.

24 Since the Mary River Project was originally
25 approved, Baffinland has made promises for marine
26 mammal monitoring in the development of indicators, but

1 these have not been done in a meaningful, timely, and
2 transparent manner.

3 Our Presentation Slide 31 was on unresolved
4 issues. There are additional slides, 33 up to 44,
5 which touch on recommendations from the Mittimatalik
6 Hunters and Trappers Organization. I won't get to
7 those today. I'll just speak on our unresolved issues.

8 Mittimatalik Hunters and Trappers Organization
9 can't consider Phase 2 moving ahead until we know how
10 Baffinland will ensure our harvest of narwhals and
11 seals will not be impacted. Compensation isn't an
12 adequate replacement for loss of wildlife or impacts to
13 our harvesting rights. The project must show it has
14 the ability to implement necessary changes to shipping.
15 The project must show it has the ability to implement
16 necessary changes to shipping, if required, without
17 threatening to shut down.

18 Baffinland must show how its plan to ship ore can
19 be limited by adaptive management requirements for
20 marine mammals and still manage to achieve production
21 targets or remain financially viable.

22 When 6-million-tonnes proposal was submitted to
23 you, Nunavut Impact Review Board, it said it would
24 gauge public concern and determine a process, but you
25 decided it was an amendment, and a reconsideration
26 process happened. There wasn't any participant funding

1 to help our engagement at the time or since Phase 2 was
2 proposed. This project splitting and stacking has
3 undermined our ability to participate. We do not have
4 the resources to undertake these processes on an
5 ongoing basis as the proponent continues to change its
6 development plans.

7 The treatment of this as an amendment has resulted
8 in less consultation with us, and less Inuit
9 Qaujimaqatugangit has been collected and worked through
10 the -- through by the proponent.

11 Baffinland has promised us that so much will
12 happen if -- if its project gets approved, but that is
13 not precautionary, and we can't accept such an
14 uncertain future where our people, our harvesting, and
15 our resources are concerned.

16 And we also note that we had many more questions
17 on several topics throughout the January and February
18 agenda and today, which were notable to ask. Marine
19 environment is a topic that specifically affects our
20 protected harvesting rights. We are deeply concerned
21 that we did not hear intervenors fully test the
22 proponent's evidence during the oral proceedings and
23 that Baffinland has been allowed to file new evidence
24 just days before this hearing.

25 We are not confident in the written questions we
26 have submitted to the proponent and other intervenors

1 will be heard, felt, or responded to in a satisfactory
2 way, especially our fellow Inuit in Pond Inlet and all
3 affected communities.

4 Thank you, Hamlet, Clyde River (INUKTITUT SPOKEN),
5 for asking for clarification on the importance --
6 points today. Thank you, Chairperson.

7 THE CHAIR: Hamlet of Sanirajak, Louis
8 Primeau.

9 MR. PRIMEAU: Thank you, Madam Chairperson,
10 Louis Primeau, Hamlet of Sanirajak, and thank you for
11 the responses, Eric.

12 My next question is for Baffinland.

13 MR. PRIMEAU: In the presentations that were
14 presented by the Hamlet of Pond Inlet previously, they
15 had indicated that the average amount earned by people
16 in Pond Inlet from the project was \$44,590 a year and
17 that that result is similar for other North Baffin
18 communities.

19 In various places, Baffinland indicates that there
20 is full-time equivalent of \$71,500 of income, which
21 is -- makes it sound a lot better, I guess, than --
22 than the actual number. So it's a bit of wordsmithing
23 to make the project look better than it actually is and
24 what it contributes.

25 We also heard the Hamlet of Pond Inlet saying that
26 what -- the real value added to the project would be

1 the difference between the \$44,590 number and what
2 those people would have been earning before, which on
3 social assistance for a family of four approximated
4 that value.

5 Can Baffinland succinctly advise whether there's
6 any reason, other than making things look better for
7 favouring the project, that the full-time equivalent
8 numbers are referred to? Thank you.

9 THE CHAIR: Baffinland, Megan Lord-Hoyle.

10 MS. LORD-HOYLE: Megan Lord-Hoyle. I'll ask
11 Udloriak Hanson to start the response and then pass to
12 Andrew Moore. Thank you.

13 THE CHAIR: Udlu Hanson.

14 MS. HANSON: Qujannamiik. Udloriak Hanson,
15 Baffinland.

16 I won't speak to that exact \$44,000 reference --
17 we'll have Andrew speak to it -- but I will speak to
18 the fact that employees are paid based on the position
19 that they hold, and these positions have, well, a
20 number of factors that relate to their pay range, and I
21 guess to say -- what I'm hearing is that -- that you
22 may be implying that we're fudging the numbers or
23 trying to make it look like Inuit, on average, are
24 making more than they are.

25 That's -- the information we shared, since this
26 concern was brought forward, provided for a list of all

1 the -- the payroll that was paid and the amount of time
2 that they spent with Baffinland, which is crucial,
3 because there are a number of employees who may not
4 have worked for us for a year. So if those employees
5 are used in the calculation to get an annual rate, then
6 the estimation is incorrect.

7 What we were trying to demonstrate in our response
8 were that we have other factors to consider that should
9 help people understand that wages are based on, again,
10 their position. Other assurances are they're
11 unionized. There's the Inuit Impact Benefit Agreement,
12 but there's a number of factors that would go in to
13 demonstrate that Inuit are paid by their position and
14 not ethnicity. But, again, I'll have Andrew speak to
15 that exact number for clarification. (INUKTITUT
16 SPOKEN).

17 THE CHAIR: Andrew Moore.

18 MR. MOORE: Thank you, Madam Chair.

19 Andrew Moore, Baffinland. Thank you for the question.

20 Baffinland provided a response to this in the
21 written questions and responses to the Hamlet of Pond
22 Inlet.

23 In our annual monitoring reports for the project,
24 Baffinland presents full-time equivalent wages because
25 that is the standard way to account for seasonal
26 employment opportunities that Inuit may have on a

1 project. By presenting full-time equivalent wages,
2 Baffinland is accounting for Inuit or other employees
3 who may work a part-time seasonal position, for
4 example. As such, presenting full-time equivalent
5 wages is a standard socio-economic measure to account
6 for that and allow for a more accurate representation
7 of wages earned by the workforce.

8 As stated in the question, Baffinland suggests
9 that the average wage on an FT basis is significantly
10 greater than typical social assistance rates in
11 Nunavut. This is an important point to make.

12 Further, we acknowledge that to grow the workforce
13 takes time, and Baffinland has demonstrated up to the
14 COVID-19 pandemic beginning in 2020, our highest -- our
15 highest Inuit employment level at the project in 2019.

16 We've made further commitments through this
17 process to provide additional resources for training --
18 annual training on an ongoing basis, all of that to
19 grow the Inuit work force, to grow the number of Inuit
20 who choose to work at the Mary River Project, which
21 will, in turn, result in more wages to communities
22 across the North Baffin region.

23 Thank you, Madam Chair.

24 THE CHAIR: Hamlet of Sanirajak, it's also
25 your seven-minute warning. Louis Primeau.

26 MR. PRIMEAU: Thank you, Madam Chairperson,

1 Louis Primeau, Hamlet of Sanirajak. I have another
2 question for Baffinland.

3 In one of the hamlet's questions, we had asked if
4 they could provide the rate at which the existing ore
5 loader, the rate at which that operates as well as the
6 amount of time that it would take from when one fully
7 loaded ship leaves the dock until the next one is there
8 and ready to respond.

9 We received a partial -- well, the written
10 response provided a partial answer. It did provide the
11 rate. It provided additional information that there's
12 an industry standard 7 percent variance that is used in
13 such calculations, but it did not provide the amount of
14 time that is necessary for a ship to come to dock. It
15 provided an alternative more global number.

16 I'm wondering if Baffinland would be able to
17 provide the specific information that was requested in
18 the written question that we put to them, rather than
19 regarding the -- how long it takes for -- once one ship
20 leaves the dock until the next one can come to the dock
21 and be ready to receive ore so that the hamlet can
22 independently calculate how much ore they should be
23 able to ship with one -- one dock.

24 Thank you, Madam Chair.

25 THE CHAIR: Baffinland, Megan Lord-Hoyle.

26 MS. LORD-HOYLE: Megan Lord-Hoyle. I'll pass

1 over to Lou to provide a more fulsome response.

2 So, in response, we'll continue to work with you.

3 I think we may not understand what additional
4 information you're looking for past the response that
5 we've provided in our written comments, so we'd be
6 happy to work with you to provide that information, but
7 I think ultimately the important point here is this is
8 a 12-million-tonne project that's been assessed and
9 currently is under review.

10 So I think with that, I'll provide -- or I'll ask
11 Lou to continue the response.

12 THE CHAIR: Lou Kamermans.

13 MR. KAMERMANS: Thank you, Madam Chair.

14 Lou Kamermans, Baffinland.

15 Timing around -- or examples of handling times was
16 provided in our marine overview submission provided in
17 March 2019. It was a response to an information
18 request from the Government of Nunavut. I'm happy to
19 send you that information, or I'm happy to send the
20 intervenor the information, but at a high level, it
21 provides berthing/unberthing times for ten
22 Supramaxes -- Panamaxes and Supramax vessels at
23 1.5 hours per movement.

24 It also provides other information related to
25 discharge rates and unloading rates for freight and
26 fuel vessels, in case that's of interest as well.

1 Regardless, Baffinland's position is the
2 information it's provided in response to the hamlet is
3 detailed, comprehensive, and appropriate for assessment
4 purposes, and that the answer was fully answered. But
5 regardless, this information does exist on the record,
6 is available, and can be provided. Thank you.

7 THE CHAIR: It's 5:00. That is time for
8 the Hamlet of Sanirajak.

9 That concludes Day 2 of this public hearing.
10 Thank you all for your contributions to a productive
11 day. We'll resume the hearing tomorrow morning at
12 9 AM. And I hope to see you back tomorrow.

13 _____
14 PROCEEDINGS ADJOURNED UNTIL 9:00 AM, APRIL 14TH, 2021

15 _____
16
17
18
19
20
21
22
23
24
25
26

1 CERTIFICATE OF TRANSCRIPT:

2

3 We, Sandra Burns and Andres Vidal, certify that
4 the foregoing pages are a complete and accurate
5 transcript of the proceedings taken down by us in
6 shorthand and transcribed from our shorthand notes to
7 the best of our skill and ability.

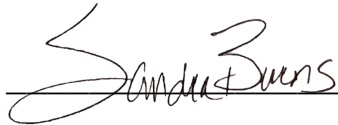
8 Dated at the City of Edmonton, Province of
9 Alberta, this 27th day of February 2021.

10

11

12

13



14

Sandra Burns, CSR(A), RPR, CRR

15

Official Court Reporter

16

17

18

19



20

21

Andres Vidal, CSR(A)

22

Official Court Reporter

23

24

25

26

<hr/> \$ <hr/>	12 2592:12 2650:3,14 2684:19 2685:21 2710:5	2637:1 2638:21 2639:2,5,13,17, 19 2655:6 2656:12 2663:18, 23,24 2667:13, 16,20 2669:5,11, 17 2680:9 2684:16 2685:9, 15 2686:10 2691:6 2693:16 2705:16,22 2706:5 2708:22 2710:14 2712:25 2713:4 2719:6,20 2720:3,4,26 2721:21 2722:12 2725:7,12 2727:2,19 2729:7 2730:20 2732:11, 21 2733:9 2734:1 2741:9	2020 2602:1 2603:13 2604:13, 21,23 2607:9 2653:18 2703:17 2707:11 2716:17 2738:14 2021 2568:5 2569:3 2603:20 2607:14 2644:5 2645:10 2707:12 2732:14 2741:14 2742:9 2024 2732:11 21 2710:5 22 2649:24 2650:2 22nd 2650:15 23 2710:5 24 2626:20 24-hour 2658:1 25 2586:3 2585 2568:5,6 2601 2568:7 2609 2568:9 2614 2568:11 2616 2568:13 2618 2568:15 2624 2568:17 2637 2568:18 2656 2569:3 2658 2569:4 2662 2569:5 2665 2569:7 2667 2569:9 2668 2569:11 2672 2569:13 2680 2569:16 2682 2569:18 2684 2569:19 2686 2569:21 2687 2569:22	2690 2569:24 2694 2569:26 2698 2570:2 2709 2570:4 2712 2570:7 2716 2570:11 2717 2570:14 27th 2742:9 28 2731:4 29 2710:6 2731:4
<hr/> 0 <hr/>	12-million-tonne 2740:8 120-some-odd- page 2630:14 13 2568:5 2569:3 14 2726:1 14TH 2741:14 15 2644:5 2645:10 2658:2 2710:6 2726:1,20 15-minute 2595:10,11 2710:18 2712:10 15th 2663:25 2664:1 2727:14, 21,23,24	20 2660:7 2661:4 2001 2633:9 2004 2599:3 2700:15,20 2006 2629:10 2008 2629:10 2691:26 2009 2599:22 2010 2700:15,23 2014 2629:11 2015 2705:18 2731:8 2016 2629:13 2705:18 2017 2629:13 2018 2626:26 2706:13 2707:14 2708:2 2710:5 2019 2586:9 2598:16 2604:17 2633:8 2639:20 2657:13 2707:4, 11 2710:6,7,14 2738:15 2740:17	<hr/> 3 <hr/> 3 2605:8 2630:2 2631:21 2686:25 2701:13 2704:17 3,000 2598:25 3.4 2597:7 30 2641:7 2643:5 2710:6 2732:18 31 2733:3 31st 2664:1 2727:21,24 32,000 2687:16 33 2733:4 35 2716:19,22,24 350 2653:13 2659:26 2716:12, 14,23,24 360-degree 2642:5 3:45 2712:10	<hr/> 3 <hr/> 3 2605:8 2630:2 2631:21 2686:25 2701:13 2704:17 3,000 2598:25 3.4 2597:7 30 2641:7 2643:5 2710:6 2732:18 31 2733:3 31st 2664:1 2727:21,24 32,000 2687:16 33 2733:4 35 2716:19,22,24 350 2653:13 2659:26 2716:12, 14,23,24 360-degree 2642:5 3:45 2712:10
<hr/> 1 <hr/>	16 2626:17 168 2684:18 2685:8,12 17 2710:7 176 2684:17 17th 2603:20 2657:13 18 2649:24 19 2710:7 1996 2633:9 1:15 2592:13 2656:15,17 1:20 2656:19 1st 2663:25 2727:22	20 2660:7 2661:4 2001 2633:9 2004 2599:3 2700:15,20 2006 2629:10 2008 2629:10 2691:26 2009 2599:22 2010 2700:15,23 2014 2629:11 2015 2705:18 2731:8 2016 2629:13 2705:18 2017 2629:13 2018 2626:26 2706:13 2707:14 2708:2 2710:5 2019 2586:9 2598:16 2604:17 2633:8 2639:20 2657:13 2707:4, 11 2710:6,7,14 2738:15 2740:17	<hr/> 4 <hr/> 4 2634:11 2657:5 4.2 2641:5 40-kilometre 2702:19 44 2733:4	<hr/> 4 <hr/> 4 2634:11 2657:5 4.2 2641:5 40-kilometre 2702:19 44 2733:4

<hr/> <p style="text-align: center;">5</p> <hr/> <p>5 2592:14 2610:7 50 2660:7,17 2661:4 50,000 2653:15 5:00 2741:7</p>	<p>Abernethy 2580:3 Abgrall 2573:16 ability 2603:12 2611:16 2662:4 2693:7 2732:19 2733:14,15 2734:3 2742:7</p>	<p>accurate 2589:9 2590:25 2595:6 2682:3,12,13 2738:6 2742:4 achieve 2733:20 acknowledge 2700:24 2701:6 2738:12</p>	<p>26 2732:2 2733:19 adaptively 2629:3 add 2697:26 2723:5 added 2692:17 2735:26</p>	<p>adjust 2662:4 admin 2623:15 administer 2624:14 administration 2571:16,24 2590:6</p>
<hr/> <p style="text-align: center;">6</p> <hr/> <p>6 2641:6,13 2684:10 2686:3 6-million-tonnes 2733:22 64 2706:26 65,000 2687:16 6th 2586:3</p>	<p>Aboriginal 2581:26 2582:2 absence 2633:20 2681:10 abundance 2629:7,20 2651:14,26 2652:3,5 2704:2 2706:12 2728:15 abundant 2696:10</p>	<p>acknowledged 2700:5 acknowledges 2628:8 acoustic 2628:10 2646:12 2703:1 2707:21 acronyms 2596:5 action 2650:16 actions 2601:18 2602:5 2605:9 2708:8</p>	<p>addendum 2628:21 addition 2590:13 2658:12 2693:18 2707:13 2724:2,6 additional 2594:20 2602:4 2603:10,13 2605:18 2608:26 2638:8,10,11 2643:25 2644:8 2645:11,17,23 2646:10,12,15 2675:2 2693:17 2703:21 2728:13 2733:4 2738:17 2739:11 2740:3</p>	<p>Administrative 2574:18 2576:21 Admiralty 2700:7,22 2701:5 adopted 2636:10 advance 2597:5 2622:16 adverse 2665:11 advice 2647:15, 19,22 2665:24 2666:10,11,15 advise 2590:9 2597:13 2711:25 2712:1 2736:5</p>
<hr/> <p style="text-align: center;">7</p> <hr/> <p>7 2739:12 750,000 2693:1</p>	<p>accelerating 2643:3 accept 2641:9 2671:20 2681:15 2734:13</p>	<p>actively 2632:25 activities 2627:22 2628:13 2648:19 2679:16 2693:17 2702:12 2703:5,9 2708:18 2714:21 2727:6 2728:9,13 2731:11</p>	<p>2675:2 2693:17 2703:21 2728:13 2733:4 2738:17 2739:11 2740:3</p>	<p>advised 2594:7 Adviser 2575:24 advising 2626:4</p>
<hr/> <p style="text-align: center;">8</p> <hr/> <p>8 2710:6 8th 2603:15</p>	<p>acceptable 2660:21 2706:1 2724:9,10 2732:9 acceptance 2677:18</p>	<p>activity 2647:16 2702:14 actual 2735:22 adapting 2630:3 adaptive 2640:15 2642:15 2646:11, 18,21 2649:26 2662:9 2673:10 2674:23,25 2675:4,7,16,17 2676:4,7 2677:9, 10,16 2678:7,14, 17 2679:24,25 2680:7 2692:5 2703:12 2728:17 2730:16 2731:6,</p>	<p>address 2622:4 2635:20 2639:24 2641:26 2642:10 2647:24 2648:17, 22 2692:11,13</p>	<p>addressed 2652:19 2731:24 adequate 2629:26 2642:5 2656:2 2729:19 2733:12</p>
<hr/> <p style="text-align: center;">9</p> <hr/> <p>9 2710:14 2741:12 90 2597:10 92 2610:4,17 9:00 2741:14</p>	<p>accepted 2638:17 2640:7 access 2586:10 2592:9 2636:4,19 2689:22 2693:6 accessible 2594:21 accessing 2595:24</p>	<p>accordance 2723:26 account 2693:17 2737:25 2738:5 accounting 2738:2</p>	<p>adherence 2589:10 2594:15 ADJOURNED 2656:17 2741:14 ADJOURNME NT 2617:13 2712:11 Adjun 2571:15</p>	<p>advisors 2623:8, 9,14 2676:9 advocated 2636:8 aerial 2629:11,22 2646:1 2651:18 2652:5 2659:8,</p>
<hr/> <p style="text-align: center;">A</p> <hr/> <p>abandonment 2701:3 abbreviations 2596:5,11,12</p>				

10,18 2706:19 2707:5 2728:17 Affairs 2568:13 2569:1,12,17 2570:17 2572:10, 23 2579:22 2597:13,20 2609:12,15 2614:8,11 2616:9,10,14 2617:2,4,9 2638:5 2656:4,11 2668:23 2669:3, 19,22,25 2671:4, 7,13 2680:12,16, 19 2689:14,20 2717:6 2722:25 2723:2,19 affect 2622:6 2630:18 affected 2586:25 2667:13 2706:24 2712:26 2713:7, 16 2735:3 affecting 2636:1 2637:15 affects 2734:19 affirm 2624:15 affirmation 2624:14,16 affirmed 2568:17 2588:7, 14,16 2624:16,19 afternoon 2569:3 2655:19 2717:9 2726:21 afterward 2589:6 AGENCY 2583:8 agenda 2592:10, 16,25 2595:22 2597:7 2617:22 2672:15 2673:1 2734:18	agree 2647:20 agreeable 2619:7 agreed 2645:19 2679:19 2690:11 2692:18 2708:22 agreeing 2726:19 agreement 2632:7 2636:18 2638:21 2639:3, 12,18 2640:4,6, 10,23 2641:25 2642:9,11,18,26 2676:24,25 2677:4,8,16 2678:6 2692:19 2708:21 2726:20 2737:11 agreements 2692:6 agrees 2653:11 ahead 2669:16 2673:2 2698:3 2733:9 Aipellee 2577:16 Air 2582:9,10 Akavak 2578:6 Akeeagok 2574:24 Akesuk 2574:25 Akpalialuk 2578:8 Alberta 2742:9 align 2611:2 alignment 2641:17 Allison 2648:24 2649:1,12,14 2656:24,26 allotted 2592:24 2617:18 2669:1 allowed 2703:26 2734:23 allowing 2611:19 2704:4	Alooloo 2575:25 alternate 2647:18 alternative 2647:14 2739:15 altogether 2683:16 Amagoalik 2575:15 2578:15 Amarualik 2578:14 Amaruq 2578:1, 3,6,8,10 amenable 2654:10 amendment 2733:25 2734:7 America 2599:15 amount 2655:24 2691:16 2692:7 2728:5,8 2735:15 2737:1 2739:6,13 analysis 2618:10 2635:9 Analyst 2580:3, 5,7,8 2583:10 analysts 2635:10 analyze 2724:7 analyzed 2604:11 anchored 2664:20 and/or 2628:10, 15 2657:20 2679:20 2716:23 Anderson 2568:17 2573:5 2622:13 2623:22, 23,25 2624:8,19, 23,24 2625:1,4,6, 12 2630:5,6 2634:3,5,9,14,17 Andres 2591:1 2742:3,21	Andrew 2736:12, 17 2737:14,17,19 Angutikjuaq 2577:20 animals 2661:19 2685:23,24,26 2686:4 2700:21 2726:3,12 Anna 2614:13,16, 19 2616:5 2667:23,24 2668:4 2670:5,6 2671:8 annual 2605:13 2713:10 2718:26 2720:22 2737:5, 23 2738:18 annually 2692:19 2703:8 anonymous 2622:2 answering 2588:10 2618:24 2681:2 2710:26 answers 2586:15 2646:13 2653:1 2680:10 2701:13 2709:11 2720:10 2722:17,21 2724:15 2728:21 2730:6 anticipate 2655:16 2679:20 anticipated 2691:20 2694:15 anticipating 2692:4 anymore 2695:13 Apologies 2643:2 2662:16 2668:11 apologize 2599:12 2634:17 2663:15 2717:9	appearing 2624:13 appears 2596:8 Appendix 2650:3,14 application 2611:9 2648:13 2687:13 2729:21 2730:1 applied 2573:22 2642:4 2655:25 2683:15 2687:12, 15 applies 2612:13 apply 2657:19 2683:14,21 appointed 2677:22 appreciated 2626:5 appreciates 2594:10 apprenticeship 2620:6 approach 2590:21,23 2636:8,9 2655:13 approached 2591:15 appropriately 2618:11 2646:24 2723:26 approval 2656:12 2675:6 2678:7 2684:14 2691:23 2710:11 2711:19 approved 2611:5,26 2639:23 2640:17 2681:5 2684:10, 18 2687:16 2720:17 2721:21 2722:12 2725:1, 17 2732:25
--	--	---	--	--

2734:12 approximated 2736:3 approximately 2592:12 2598:25 2653:13 approximation 2660:9 April 2568:5 2569:3 2603:15 2710:6 2741:14 Aqsarniit 2571:1 aquatic 2580:21, 24 2598:4 2601:13 2605:15 2612:19 2613:2, 10 archived 2598:26 arctia 2599:6 Arctic 2569:24 2570:10 2577:3,6 2580:14,26 2583:25,26 2584:2,7 2599:1, 25 2600:1,7,9,25 2608:19 2611:7 2659:11 2667:15 2688:8,20,23 2689:8 2690:1,3 2694:2,22 2697:12,19,25 2698:11,24 2699:12,23 2710:10,12,13 2712:22 2714:5 2715:8 2729:17 area 2581:16 2627:20 2629:8, 17 2657:24 2679:12 2686:7 2691:19 2695:17, 20 2696:11 2697:4 2698:25 2701:3 2702:7,9, 19,20 2703:7	2704:4,5 2706:24 2707:24 2716:24 2726:6,7 areas 2599:7 2604:25 2670:14 2700:19 2723:10 2724:24 2728:11 2731:23 Arko 2571:12 Arktis 2575:6,7 Armstrong 2572:5 army 2732:16 arrangements 2615:16 Arreak 2575:19 2585:19 arrivals 2595:20 arriving 2600:19 articulate 2632:6 Ash 2575:6 Asher 2582:9 asks 2596:17 2635:5 aspect 2715:21 aspects 2632:11 assembled 2650:25 assess 2589:26 2647:2,7 2713:1 assessed 2726:2 2740:8 assessment 2571:19 2579:2, 3,26 2580:2,5,6 2581:5,10 2582:21,23 2583:3,8 2586:9 2589:21 2597:3 2600:17 2626:9, 15 2627:2,4,19, 25 2628:8,19 2629:1,26 2630:1 2631:4,7 2633:26	2635:21 2636:10 2637:12 2639:21 2657:12 2665:25 2721:20,23 2723:8 2727:5 2731:13 2741:3 assessments 2652:14 2691:25 2705:2 assist 2589:4 assistance 2736:3 2738:10 Assistant 2574:14,16 2578:23,25 Assisting 2590:18 Associates 2573:15,16,17,18 2604:3 2606:25 2631:1 2699:6 2700:3 2702:4 association 2568:19 2570:8, 13,16 2574:21 2576:11,23 2577:4,7,13,17 2578:1,4,7,9,11, 16 2637:24 2638:15,19,26 2639:4,6,7,10,13, 22 2640:5,8,22 2642:17 2650:20, 24 2675:6 2676:13,26 2677:5,9,17,23, 24,25 2678:2 2681:3 2694:11 2705:14 2708:20 2712:21 2713:2, 17,20,21 2714:1, 7,9,18 2716:6,18 2717:4,19 2719:2,13 2720:11,14,21 2721:2 2723:15	Association's 2638:16 2714:12 associations 2722:10 assume 2596:11 2600:4 assuming 2619:14 assumptions 2641:19 assurances 2737:10 assure 2589:13 2613:9 assured 2587:5 2663:3,8 Atatahak 2571:16 Atkinson 2579:5 2658:18,20,22,23 2659:1 2662:12, 14,16 attached 2664:19 attachments 2631:19 2650:4 attend 2591:19 2594:1 2717:10, 16 attended 2591:5 2713:13 attending 2585:9,10 attention 2641:21 2696:26 audio 2595:24 2597:17 2624:8, 26 2625:11 audio-video 2587:5 2588:1 audio-visual 2585:11 2588:21 audit 2720:2,6,7 Audlakiak 2576:20 2577:21	August 2664:8 2732:14 Austin 2573:22 authority 2598:21 2675:7 authorizations 2724:4 availability 2627:6 2635:26 2636:3,14 Avatiliriniq 2578:26 avenue 2623:19 average 2735:15 2736:23 2738:9 avoid 2627:24 2628:15 2693:8 2702:24 avoidance 2645:2 2701:2 avoided 2628:4 2657:15 2658:3 2665:10 2679:12 avoiding 2631:16 awards 2689:11 aware 2596:7 2719:10 awareness 2711:7 <hr/> B <hr/> back 2585:4,5 2594:22,24,26 2617:14 2618:1 2619:2 2625:15, 23 2632:16 2649:2 2656:14, 20 2670:4 2684:17 2687:19 2688:26 2691:26 2692:23 2700:15 2712:12 2741:12 background 2668:8
--	--	---	---	---

badge 2591:7	2657:11 2658:9	2655:1 2674:12	2698:11,24	2605:23,24,25
Baffin 2586:24	2659:15,17	2677:15 2679:25	2699:12,23	2608:5,6,7
2651:17 2652:2,3	2660:20 2662:25	2693:7 2699:21	2703:2,7	2645:4,5,6
2655:15 2659:23	2663:13,14,24	2724:5 2730:6	2710:10,12,13	2665:19,20,21
2660:13 2662:11,	2664:13,16,24	2731:25 2741:1	2712:23 2714:5	2679:2,4,5
18 2683:12,13,17	2666:8 2672:22	ballast 2612:25	2715:8	2727:26 2728:1,2
2685:11 2693:4	2673:5,9,14,15	barcoding	Beach 2576:22	Bernauer
2695:8,10 2703:2	2675:13 2676:1,	2601:22 2602:2	2688:5	2577:15
2735:17 2738:22	2,9,11,16,21	2604:13,14,15,20	Beattie 2580:18	berthing/
Baffinland	2677:7 2678:5	2607:4,13	began 2691:23	unberthing
2568:7,9,14,15,	2679:19 2684:5	Barker 2571:13	2732:4	2740:21
20 2569:5,13,20,	2685:2,3,6	2581:20 2589:17	begin 2664:9	Bick 2599:3
24,26 2570:3,9,	2686:25 2690:3,	Barnabas 2575:3	2696:1	big 2715:21
11,14,20 2572:3,	8,24 2691:2	base 2694:9	beginning	Biljon 2573:19
11,12,14,25,26	2694:20 2695:8	based 2599:22	2610:10 2710:10	biologist 2574:17
2573:1,2,3,4,5,6	2696:9,18,19,23	2600:16,20	2718:22 2738:14	2580:13,17
2585:7 2586:16	2698:9,13,19	2635:10,23	behalf 2588:13	2653:25 2654:6,
2587:1 2589:25	2699:1,6,17,26	2639:14 2640:12	2658:23 2676:22	13
2600:21 2601:5,	2700:3 2701:24,	2642:13,16	2683:10,11	bit 2600:9
11,15,16,25	25 2705:6,11	2672:14 2691:8,	2699:6 2700:3	2602:23 2621:11
2602:1,3,6,7	2707:19 2708:19	11,16,21 2699:24	behaving	2675:24 2683:5
2603:8,14	2709:14 2710:17,	2700:7 2705:24	2601:13	2715:7 2721:17
2604:6,12 2605:8	20,21 2711:4	2707:18 2708:1	behaviour	2735:22
2606:20 2608:22	2712:22 2716:2,	2731:16 2736:18	2627:7 2628:1	blamed 2684:13
2609:1,9,20	4,9 2717:3,18	2737:9	2629:21 2698:26	Blank 2599:22
2611:3,23,24	2718:10,17,19,23	baseline 2629:8	2699:21	blowing 2719:19
2612:1,9,21	2721:16 2723:12,	2690:13 2691:24	behavioural	board 2571:4,9,
2614:5 2615:7,21	25 2724:7,8,23	2730:7	2653:14,20,24	18,22 2585:4
2616:11,15,16,	2725:2,3 2726:24	basic 2709:15	2655:10,17	2588:9 2589:19,
21,22 2617:20	2727:5,9,18	2711:5	2662:20	20,25 2590:4
2618:3,4,9,10,21,	2728:26 2729:13,	basically	believes 2640:22	2591:18,20
22 2619:8,13,22,	25 2730:2	2629:16 2631:10,	2642:17 2647:11	2592:4,6,17,20
23 2620:2,8	2731:6,12,15	20,25	belittle 2596:23	2593:3,17,25
2621:3,4,8,25	2732:1,4,10,15,	basis 2619:13	BELL 2643:1	2594:10,12
2622:9,10,21,25,	25 2733:10,18	2620:3 2633:23	2662:10 2683:6	2595:1,2,19,25
26 2623:4,16,26	2734:11,23	2734:5 2738:9,18	2692:21	2596:17,18,26
2626:7,14	2735:12,19	Bastick 2581:10	benefit 2586:18	2597:1 2603:7
2627:10 2628:3	2736:5,9,15	Bastrop 2599:22	2596:13 2608:11	2605:14 2606:4
2630:20,25	2737:2,19,20,24	Bay 2569:24	2636:16 2715:3	2611:24 2613:9
2633:21 2635:12,	2738:2,8,13	2570:10 2577:3,6	2737:11	2615:4,7,12,13
19 2637:25	2739:2,16,25	2578:13,14,15	benefits 2642:7	2624:5,21
2641:16 2642:24	2740:14	2685:11 2688:8,	Bernard-lacaille	2625:20 2627:17
2644:13 2645:16,	Baffinland's	20,23 2689:8	2580:13 2597:23,	2636:11 2638:11,
19 2646:20	2610:2,14	2690:1,3 2694:2,	25,26 2598:1	17 2639:13
2649:23 2650:8,	2614:24 2619:11	22 2697:25	2601:4,7,8	2641:9 2644:23
13 2652:9	2637:2 2639:21			
2653:23 2655:14	2641:18 2653:12			

2647:4 2649:25 2650:3 2651:3 2656:12 2666:14 2671:11,17 2672:1 2676:9 2681:11,18 2689:4,6,23 2696:24 2697:21 2711:1 2713:9, 10,11,12,21 2714:4,6,13,17 2715:3,9,18 2720:23 2721:24 2722:6 2723:23 2731:21 2733:23 Board's 2585:23 2586:2,8,11 2588:15 2590:3, 15 2591:12,26 2592:2,4,8 2593:13,15,21 2594:13,15 2596:21 2605:16 2607:17 2656:7 2671:23 2681:1 body 2675:2 Boon 2581:12 bottom 2587:24 Boulanger 2653:18 Branch 2583:5 break 2592:11,13 2595:10,12,14 2617:11 2649:17 2654:16 2702:24 2710:18 2712:10 breaking 2643:21 2644:16 2645:2 2647:6, 13,20 2648:18 2658:4 2664:25 2728:6 breaks 2594:24 2595:18 breeding 2631:14	Brian 2676:2 briefly 2633:5 2635:20 bring 2683:17 bringing 2595:16 2674:10 brings 2600:13 broadcasted 2588:21 broader 2635:24 2669:26 broken 2707:17 brought 2674:24 2719:10 2720:21 2736:26 Bruce 2706:13,15 budget 2656:1 buffer 2702:20 2703:1 build 2678:4 2725:17 buildings 2634:24 bunch 2726:15 buried 2730:6 Burns 2584:18 2591:1 2742:3,14 Buset 2582:21 Bushie 2581:25 button 2688:21 <hr/> C <hr/> calculate 2739:22 calculated 2692:8 calculation 2618:19,20 2635:7 2737:5 calculations 2739:13	call 2622:17 2623:5,6 2625:13 2708:20 called 2650:15 2705:21 2725:5 calling 2619:1 calving 2703:8 camera 2595:25 2625:2 camps 2637:9 Canada 2568:7, 9,11,14,20 2569:1,8,10,12, 17 2570:18 2573:12,13,14 2579:22 2580:12, 22 2581:4,19 2582:5,18 2583:1,8 2597:10,20,24 2598:2 2601:5,9 2603:17 2605:22, 26 2608:4,8,25 2609:12,15,17, 18,20 2610:1,4, 13,16,24 2611:1, 4,7,21,23 2612:6, 24 2613:15,22,25 2614:2,8,11,13, 16,17,20,22 2615:15,19 2616:5,7,9,10,14 2617:2,4,7,9 2637:25 2638:5 2645:3,7 2648:3, 5,12,24 2649:1, 12,15 2654:15 2656:11,24,26 2665:4,18,22 2667:6,10,15,19, 23,25 2668:23 2669:3,19,21,23, 25 2670:5,7,11, 17,19 2671:4,7, 15,19,21 2678:26 2679:3,6,9	2680:12,16,19, 21,25 2681:9,13, 16 2683:3 2689:14,20 2697:7 2717:6 2722:23,25 2723:2 2724:13 2727:25 2728:3 Canada's 2597:8 2610:3,15 2615:4 Canada2679 2569:15 Canadian 2599:25 2600:7, 25 2604:15 2614:25 2667:15 capacity 2594:1 2611:17 2722:19 2723:22 capital 2618:10, 12,14,15 2624:26 2625:8,11 2634:21,22,23 2635:4 captured 2631:20 2701:11 captures 2638:24 Cardo 2573:12 careful 2671:19 2672:2 2681:14 carefully 2721:25 caribou 2641:18 2651:16 2652:2, 13 2653:13,21,23 2655:1,2,13,18 2656:9 2659:9, 13,17,24,25,26 2660:6,12,13,14, 20 2661:10,14 2662:11,17,21 2681:4 2716:12, 14,19,21,22,23,24 2726:18 carried 2705:17	2707:6 carriers 2685:8, 9,12,13 carry 2629:6 2709:8 carrying 2587:17 2613:4 case 2611:15 2653:23 2672:19 2706:11 2740:26 cases 2679:18 Catherine 2589:21 caused 2693:14 cell 2585:16 2596:14 centered 2628:1 centimetres 2657:21 2658:2 centre 2571:2 2594:22 2604:15 CEO 2676:2 certainty 2636:18 2638:20 2639:3,12,18 2640:4,6,10,23 2641:25 2642:9, 11,18,26 2676:24,25 2677:4 2678:6 2681:15 2692:18 2708:21 certificate 2610:5,17 2656:8 2723:23 2724:1 2731:19 2742:1 certify 2742:3 cetera 2623:15 2630:17 chair 2571:5 2585:2,21 2595:26 2597:15, 17,18,24,26 2598:8,10
---	--	---	--	---

2599:8,10 2601:4,7 2602:5, 6,16 2603:4,5,8, 26 2604:1,2 2605:22,24 2606:19,20,23,24 2608:4,6,23 2609:10,11,13, 18,22,24,26 2610:6,8,11,12 2611:26 2612:1, 5,7,8 2613:25 2614:1,7,9,15 2615:9,10,13 2616:3,4,6,8,12, 21,23 2617:1,6, 11,14,24 2618:21,23 2619:4,22,26 2620:2,11 2621:3,7,18 2622:10,13,19,21 2623:22,23,24 2624:2,3,9,11,22, 23,24 2625:1,4,5, 12,18,21,26 2626:1,3 2627:10,13,14 2630:5,7,9,20,23, 26 2632:26 2633:2 2634:3,6, 8,14,16 2635:11, 12,17,18 2637:20 2638:6 2639:7 2643:9 2645:3,5 2647:23,25 2648:24,26 2649:5,12,14,18 2650:8,11,12 2651:4,6,21,23 2653:2,26 2654:2,10,14 2656:14,20,25 2658:14,16,20, 22,26 2662:12, 15,23 2663:1,12, 13,15,22 2664:14,15	2665:1,5,17,18, 20 2667:2,3,7,21, 22 2668:2,4,6,8, 13,15,17,20,24 2669:17,18 2670:4,9 2671:3, 5 2672:8,10,14, 18,21,24 2673:14,17 2675:8,10,20,22 2676:10,11,15, 19,20 2677:25 2678:1,24,25 2679:4 2680:9, 11,17 2681:20,25 2682:5,9,15,21, 24,26 2683:7,22 2684:1,2,23 2685:16 2686:12, 20,23 2687:2,7, 20,21 2688:2,5,6, 19 2689:1,2,5,24, 25 2690:24 2691:1,3 2692:22 2693:20 2694:16, 19 2696:18 2697:25 2698:5 2699:1,4,5,9,26 2700:1 2701:15, 24 2702:2,4 2704:11 2705:6, 9,10 2708:26 2710:16 2712:9, 12,17,19 2713:17,19 2714:23,25 2716:1,7,25,26 2717:8 2718:6,17 2720:11,13 2721:9,11 2722:23,26 2724:12 2725:2, 21 2726:24 2727:25 2728:1, 21,23 2729:7,8 2730:11,22 2735:7 2736:9,13 2737:17,18	2738:23,24 2739:24,25 2740:12,13 2741:7 chairing 2585:25 chairperson 2576:12 2583:16 2585:3 2589:19 2595:8 2685:18 2724:14 2726:23 2729:10 2730:13, 21 2735:6,9 2738:26 challenges 2673:9,13 chance 2613:7 2615:25 2649:3 2730:4 change 2568:11 2569:10 2582:5 2613:2 2614:13, 15,17,20,22 2615:4,14,19 2616:4,7 2627:6 2667:6,10,14,19, 22,25 2669:21 2670:5,7,11,17, 19 2674:3,23 2677:14 2687:16 2691:16 2692:3 2694:3 2698:24 2699:22 2706:9 2719:24 2721:5 2732:20 2734:5 changed 2633:18 2645:1 2674:7 2694:1,2 2727:19 changing 2719:26 Channel 2588:26 2589:1 chapter 2632:16 chapters 2632:15 char 2697:12,19 2729:17	characteristics 2609:4 chat 2721:17 check 2700:15 chief 2572:6 2574:13,18 2576:21 2593:23 2594:16 Chisholm 2581:7 choose 2637:6 2728:10 2738:20 Churchill 2600:15,19 circulate 2615:13 circulated 2615:20 2641:16 2689:15 circumstances 2593:19 CIRNAC 2717:19 cited 2630:15 2693:1 City 2742:8 clarification 2598:5,12 2601:11 2605:16 2606:1,15 2608:9 2618:13 2659:4, 10,20 2698:18 2735:5 2737:15 clarified 2689:6 clarify 2598:17 2625:21 2627:17 2656:13 2676:12 2680:1 2685:5 2716:13 clarifying 2691:4 2700:2 clarity 2649:2 Clark 2572:12 2619:24,26 2620:1,2 2621:5,	7,8 2622:12,19, 20,21 clear 2591:9 2605:5 2612:15 2619:18 2632:24 2637:12 2639:20 2640:5,6 2647:7 2677:20 2680:25 2703:2 2730:18 2732:7 clearance 2704:2 cleared 2704:3 click 2587:23 Climate 2568:11 2569:10 2582:5 2614:13,15,17, 20,22 2615:4,14, 19 2616:4,7 2667:6,9,14,19, 22,25 2669:21 2670:5,7,11,17, 19 Clinton 2573:20 clock 2625:24 close 2654:9 closely 2632:1 2664:1 closest 2696:12 closing 2606:8 2629:25 Clyde 2568:22 2577:12,14,15, 16,18,19 2638:1 2655:21 2681:24, 26 2682:6,8,16, 17 2735:4 coalition 2636:9 coast 2599:15 Coleman 2578:25 collaborate 2609:8 collaboration 2652:23
---	---	---	--	---

collaboratively 2719:3	commenting 2603:13	2642:11 2666:5 2669:4,15 2678:9,12 2683:18 2693:4, 10 2695:4 2708:7 2711:23,26 2712:26 2713:7, 16 2714:8,19 2715:9 2720:24 2735:3,18 2738:21	7,10 2693:13,15 2733:11	concentrations 2611:13 2657:14 2697:14,16 2703:8
collaborators 2662:3	commentors 2596:26		complementary 2722:2	concept 2643:1
collar 2716:22	comments 2587:2 2591:24 2595:6 2596:23, 24 2606:8 2608:15 2613:15 2622:6 2635:20 2714:16 2720:22 2721:13 2722:4 2740:5	communities' 2640:9	complete 2587:16 2592:17 2640:17 2664:21 2680:4 2720:2 2742:4	concern 2623:1 2629:5 2631:13 2678:16 2733:24 2736:26
collared 2653:13 2659:26 2716:15, 19,24		community 2572:8 2575:11, 13,14,15,16,26 2576:16,17,25,26 2577:1,8,9,10,21, 22 2586:18,20,23 2587:7 2592:21 2621:26 2633:13 2637:5,17 2639:14 2660:21 2661:24 2677:21, 22 2697:9,18 2706:23 2708:1 2711:25 2713:22 2715:24 2721:26 2722:5	completed 2591:26 2621:1, 16 2627:19 2635:22 2681:6 2700:14	concerned 2639:22 2734:15, 20
collaring 2661:26 2662:7, 19 2716:12	commit 2613:17 2715:5		completing 2630:1	concerns 2623:6, 12,18,20 2627:21 2628:2 2631:16 2641:20 2643:7 2652:19 2672:5,6 2692:11,13 2713:1 2715:15 2723:14
collars 2659:23 2660:2,7,17,20 2661:3,10	commitment 2612:23 2663:21 2676:26 2678:6 2680:2 2715:25		completion 2605:12 2619:17 2620:4,22,23	concert 2678:19
colleague 2672:12	commitments 2613:2,5,9 2679:20 2711:16 2729:16 2738:16	community's 2711:19	compliance 2593:5 2611:7,11 2724:1	concludes 2741:9
colleagues 2649:4 2670:3	committed 2622:25 2707:4 2727:10	Community- based 2576:8	compliant 2724:5	conclusions 2630:18 2636:11
collect 2604:19 2671:10 2708:4 2718:1	committee 2616:18 2677:1,2 2678:11,19 2721:4	companion 2632:16	comply 2592:8 2594:11	condition 2610:4,16 2615:2,5,20
collected 2600:11 2633:9 2706:7 2729:18 2734:9	committees 2675:3 2677:2, 19,20 2678:22	company 2676:23 2696:11 2711:18,26	component 2647:21 2705:22	conditions 2648:14,20 2656:9 2657:6, 10,25 2702:16 2729:16 2731:20
collecting 2670:24 2691:26	common 2599:14 2608:18	comparative 2631:19	components 2642:26	conduct 2697:8
collection 2660:16 2708:6	communicated 2589:5 2592:2 2613:23	comparison 2629:9	composed 2636:24 2677:21	conducted 2622:22
collective 2717:22	communication 2626:22	compensating 2693:8	comprehensive 2598:21 2626:8, 15 2627:2 2631:9 2633:22,25 2635:22 2637:13 2741:3	conducting 2593:14 2660:3
collectively 2692:7 2718:2	communities 2586:24 2627:21 2636:23 2637:16 2639:11 2640:7, 20 2641:2,4,10	compensation 2691:13 2692:4,	concentration 2664:21 2702:18 2707:19	Conference 2571:1
commence 2586:21				confidence 2628:22,24 2640:10 2641:24 2642:12 2660:25
COMMENCED 2656:19				confident 2654:26 2655:8
commensurate 2627:20				
comment 2670:13 2727:14				
commentary 2603:19				

crucial 2737:2 crushing 2719:24,25 CSR(A) 2584:17, 18 2742:14,21 cubs 2726:7 cultural 2623:8,9 2711:6,7 culture 2639:26 2640:16 2642:4 2711:12 curious 2638:25 current 2604:7 2611:22 2618:8 2627:2 2637:16 2641:9,12,18,21, 26 2642:2,24 2644:3,11 2645:13 2651:19 2652:3 2655:1,14 2659:16 2664:2 2673:11 2687:15 2706:10 2719:5, 16 2720:19 2721:6 currents 2664:22 cut 2617:26 2695:5,7 cycle 2628:4	date 2605:15,16 2613:16 2689:12 2691:22 2693:15 2726:20 2731:17 Dated 2742:8 dates 2700:16 2726:2 dating 2691:26 David 2712:18, 19,24 day 2585:6 2595:15 2616:24 2658:1 2698:2 2702:17 2741:9, 11 2742:9 days 2585:26 2586:22 2592:21 2644:5 2698:3 2734:24 dead 2695:17 deal 2603:9 2633:4,8 dealing 2626:18 deals 2618:20 2626:20 2630:14 Dean 2574:16 Debicki 2584:5 December 2687:14 2716:17 decided 2639:4, 13 2707:2 2733:25 deciding 2732:20 decision 2590:2 2639:1,14 2666:23 2669:12 2670:22 2671:15, 20 2676:7 2681:9,14,17 decision-maker 2670:18 decision-makers 2589:20	decision-making 2591:21,25 2670:21 2672:4 2676:8 2706:3 2708:15 2721:4 decisions 2677:7 2722:15 decollaring 2660:22 decrease 2719:15,21,23 decreased 2685:6 decreases 2702:8,10 deeply 2734:20 defer 2649:2 2654:14 2668:19 2670:2 2682:1,3 deferral 2682:11 deferred 2569:4, 15,16,18,21,22 2570:7,11 2654:19 2655:18 2656:23 2658:14, 21 2669:20 2678:25 2679:3 2680:15 2682:5, 15,25 2684:23 2686:22 2687:3, 21,24 2688:7 2710:18 2712:15, 20 2716:4 deficiencies 2641:26 defined 2611:11 definition 2611:10 2664:11, 12 2708:2 degree 2587:9 2700:6,9,10,19 2701:10 degrees 2674:5 Del 2573:12	delays 2588:2 deliverable 2632:19 demonstrate 2650:26 2662:20 2737:7,13 demonstrated 2600:1 2653:20 2738:13 demonstrates 2609:3,7 denied 2592:9 denigrate 2596:23 densities 2659:16,17 2660:12,13 2662:10 density/relative 2629:7 department 2578:24 2579:19 2597:13 2643:16, 22 2644:1,9,14, 18,20,24 2647:9 2656:6,10 2658:8,10 2665:7 2666:7,9 2723:8 departmental 2680:3 departments 2617:7 2722:24 2723:4 depend 2636:15 2661:14,17,20,23 depends 2661:13 deploy 2660:19 deployment 2660:18 depths 2600:11 Deputy 2578:21, 22,23,25 2583:4 describe 2681:2	describing 2602:4 2605:9 description 2568:3 2631:20 2705:16,23 2706:5 design 2697:23 2705:13 designated 2586:23 designed 2637:8 desire 2708:14 detail 2596:7 detailed 2601:18 2604:22 2715:15 2741:3 detailing 2715:5 details 2658:11 detect 2645:26 2646:2 2659:9, 18,24 2660:5 2661:11 2662:8 detected 2661:16 detecting 2659:12 detection 2601:16 determine 2652:4,6 2690:19 2691:21 2692:6 2706:20 2708:16 2733:24 determined 2690:13 2703:14 2705:24 Determining 2652:2 develop 2640:26 2642:21 2643:25 2678:22 developed 2593:22 2609:6 2615:2 2639:18 2646:19 2650:1,
---	---	---	--	--

6,19 2658:7 2675:3 2678:18 2707:9 2732:6,12 developing 2631:15 2675:5 development 2572:9,19,21 2581:25 2582:3 2585:7 2590:2 2609:9 2646:10 2650:18 2655:6 2680:6 2732:26 2734:6 Devereaux 2572:26 devices 2596:14 Dewar 2579:24 2584:13 2590:17 2597:15,17,18,19 2609:12,13,14 2614:8,9,10 2616:9,12,13 2617:2,3,8 2669:23,24 2671:4,5,6 2672:11 2680:14, 17,18 2722:25,26 2723:1 DFO 2580:20 2597:22 2598:17 2601:14,23 2602:16 2604:4, 10 2605:18,20 2609:1,5,8 2617:26 2629:14 2645:11,12,15 2647:2,5,10,21 2658:8 2665:10, 14,23 2666:1,19 2679:18,19 2680:1 2700:14 2728:4,17 DFO's 2647:8 dialing 2618:25 Dicta 2591:2	difference 2607:23 2736:1 difficult 2660:19 difficulties 2634:18 direct 2653:24,25 2675:25 2708:23 directed 2638:14 2643:15 2653:9 2654:23 2656:3 direction 2591:13 2592:3 2616:2 2677:5,18 directions 2592:8 2595:3 directives 2593:2 directly 2623:7 2654:8 2689:18 2692:1 2708:14 Director 2571:11,12,23 2572:20 2574:12, 15,16,26 2575:1, 11,13,14,15,16 2579:9,24,25 2580:9,24 2582:7,8 2583:4, 16,17 directors 2713:22 2714:6 disagrees 2638:23 discharge 2740:25 discretion 2637:10 2692:16 discuss 2649:3 discussed 2598:14 2602:18 2609:1 2646:23 2647:6 2685:5 2686:16 2727:11 discussing 2612:13 2666:20	discussion 2587:14 2598:12 2602:23 2612:18, 21 2625:23 2670:1 2693:13 discussions 2603:22 2666:7 2722:20 2726:9 displacement 2701:2,4 display 2709:21 disrupt 2596:25 distancing 2594:8 distillate 2614:25 distributed 2600:1,6 distribution 2659:13 2660:5 2728:15 disturbance 2626:21 2628:17 2630:16 2648:18, 23 2700:25 2702:6 2707:21 DNA 2604:13,14, 15,18 2605:6 2607:4,13 dock 2598:15 2739:7,14,20,23 document 2605:13 2613:20 2626:20 2627:1 2630:11,14 2631:21,24 2632:5,12,18,21 2638:23 2639:1 2701:13 2704:17 documentation 2701:12 2704:18 documented 2605:4,10 2628:18 2629:22 documents 2626:17 2631:24	2699:18 2704:24, 26 DOE 2578:22,25 2579:2,4 doors 2594:14, 19,22,24 double-check 2654:5 Douville 2573:1 draft 2646:21 2650:19,23 2724:21 drafts 2706:6 drawn 2703:21 driver's 2676:4 2678:20 drivers 2673:10 due 2593:1 2683:16 Dufour 2582:12 Duke 2572:17 Dumbrille 2583:23 Duoson 2590:20, 21 duration 2716:20 dust 2635:1 2641:20 2718:8 2719:8,9,15,19, 22,23,25 2720:3, 5,20 2721:14 Dyer 2579:9 dying 2695:16, 21,23 2696:1,16 Dynamics 2573:7,8,9 2716:8	earlier 2644:13 2659:5 2662:21 early 2628:21 2631:11 2662:9 2663:9 2664:8 2728:20 2732:6, 12 earned 2735:15 2738:7 earning 2736:2 earnings 2695:12 easier 2587:26 easily 2661:16 east 2599:14 eastern 2592:12 2600:9 easy 2607:19 echo 2718:5 Eclipse 2627:4 2700:6,21 2701:5 2706:21 2707:7, 26 2725:26 Ecologist 2581:7 economic 2614:25 2622:15 2635:8 2644:26 2647:8 Economics 2573:20 ecosystemic 2590:1 Ecosystems 2580:25 2584:1 edge 2646:12 2702:22 2707:24 EDI 2573:7,8,9 Edmonton 2742:8 EDT 2578:21,24 Eetoolook 2574:11 2712:16, 17 effect 2629:21 2645:15 2657:14
E				
EA 2630:2 2632:17,19				

2693:12 2721:5 effective 2646:18 2680:7 2721:6 2729:23 effectively 2593:10 2602:26 2628:15 2702:8 2703:19 2722:21 effects 2590:1 2604:23 2605:11 2626:9,21 2627:9 2628:10,16,17,18 2630:16 2631:4,7 2637:19 2651:19 2653:20 2659:9, 12,19,24 2660:5, 26 2661:11 2662:8,20 2665:11,12 2702:6 2708:17 2716:12,20 2731:5,10,16,18 2732:5,22 efficacy 2679:24 effort 2723:9 efforts 2685:22 2711:11 2713:6 Ejangiaq 2577:9 2688:22,23 Ejeckam 2582:16 elaborate 2616:16 2665:16 Elder 2569:26 2570:14 2575:22, 24,25 2576:24 2577:20 2578:5 2694:20,24 2717:1,3 2726:19 Elders 2595:4,5,7 2631:11 2637:8 2694:13 2717:14 elected 2677:21 2713:22	electronic 2596:14 element 2677:10 elements 2611:1 2677:10 eliminating 2703:25 elimination 2680:4 Elliott 2579:3 email 2687:9 2689:22 embed 2711:18 Emergencies 2582:11 emerging 2641:20 Emingak 2571:20 emphasis 2646:18 emphasize 2626:12 employed 2648:9 employee 2623:5 employees 2621:1,26 2622:4 2623:1,10,17 2709:15 2711:5, 10 2712:1 2736:18 2737:3,4 2738:2 employment 2621:25 2622:9 2737:26 2738:15 Emrick 2571:7 2589:21 enable 2637:8 enabler 2692:18 encourage 2631:7 2672:6 2677:23 end 2592:13,19 2634:18 2666:25	2699:23 2722:4 end-of-season 2646:1 enforced 2592:16 enforcement 2723:22 engage 2604:10 2629:12 engaged 2591:21 engagement 2575:1 2582:24 2638:16 2639:11 2711:6 2713:6 2715:6,23 2734:1 engagements 2710:9 engaging 2702:14 2714:19 Engineering 2573:19 2581:24 English 2589:1 2623:11 2698:22 2712:25 enhance 2636:19 2693:16 enhancement 2636:16 enhancements 2695:11 ensure 2588:16 2589:25 2590:25 2592:17 2593:4 2610:19 2613:22 2623:19 2641:2, 23 2642:21 2646:24 2647:21 2652:24,25 2707:24 2708:22 2709:14 2710:12, 26 2711:4,12 2712:1 2722:12, 20 2723:13,25 2724:5,8 2733:10	ensuring 2652:11 2711:9 enter 2594:9,14 2615:24 2707:26 entrance 2657:22 entrapment 2646:2 entry 2702:22 entryways 2594:13 environment 2568:11 2569:9 2580:10 2582:5 2603:10,25 2608:1 2612:18 2613:13 2614:13, 15,17,20,22 2615:4,14,18 2616:4,7 2643:24 2645:15 2667:5, 9,14,16,19,22,24 2668:16 2669:20 2670:4,6,11,15, 16,17,19 2674:15 2680:5 2707:10 2708:25 2716:17 2719:19 2723:13 2727:12 2734:19 environmental 2573:7,8,9 2579:2 2580:1,4, 6,7 2581:5,10,20, 21 2582:7,11,25 2583:2 2594:5 2604:23 2605:11 2616:19 2640:2, 18 2642:1 2652:14 2670:12 2716:8 2718:25 2721:20 2723:8 2731:5,13 equally 2660:20 equipment 2610:20 2620:5 2634:24 2635:2	2725:10 equivalent 2735:20 2736:7 2737:24 2738:1,4 Eric 2637:22 2639:10 2643:10, 12 2645:7 2647:26 2649:6, 8,19,20 2651:5,6, 25 2653:4,6 2654:4,11,17,21 2680:20,21 2729:9,10 2730:23,25 2735:11 Eric's 2647:24 2688:24 ERP 2628:20 error 2626:19 escalating 2641:20 essential 2647:20 2667:18 established 2677:2 establishing 2696:9 establishment 2648:16 estimate 2626:25 2627:3 2633:16 estimated 2716:21 estimates 2700:17 estimation 2737:6 ethanol 2606:18 2607:5,11,16 ethnicity 2737:14 Europe 2599:16 2600:18
---	---	--	---	--

evaluation 2620:17	exist 2716:23 2741:5	expert 2576:7 2580:20,21,23 2582:9,10,11,12, 13,14,15 2598:5 2618:23	faces 2593:9	feed 2587:5 2589:5 2591:14 2592:9 2597:17 2610:9 2617:26 2624:8,26 2625:11,12 2712:25
evaluations 2619:10,12,15,16 2620:18,19 2621:13	existed 2700:24 2701:20	expertise 2647:10 2670:12 2674:24	facility 2611:18	feedback 2639:14 2708:1 2714:20
evening 2592:10 2717:13	existing 2636:17 2640:24 2641:1, 3,14 2642:14,19, 22 2686:26 2700:7 2701:12 2731:19 2739:4	experts 2666:9 2732:16	fact 2599:26 2607:25 2618:7 2621:17 2684:15 2700:5 2701:6 2722:6 2736:18	feeding 2627:5
event 2611:18 2669:6	exists 2609:2	explain 2596:7,9 2616:16 2663:11 2681:4 2715:6 2730:19	factoring 2620:7	feeds 2585:11 2588:22
events 2646:2	exit 2594:9,23 2620:24 2621:16 2622:1,22	explains 2633:21	factors 2635:26 2637:15 2661:13 2705:26 2736:20 2737:8,12	feel 2619:20 2718:10
everyone's 2593:8 2635:14	exiting 2622:8	explicit 2632:18	failed 2729:15	feelings 2597:2
evidence 2601:11 2602:11 2605:17 2609:3,7 2639:17 2670:24 2671:10 2734:22,23	expanded 2708:2	explicitly 2615:1 2666:7,19	failing 2657:20	fellow 2589:20 2722:10 2735:2
evident 2693:26	expanding 2697:19 2720:19	Explosives 2583:4	fair 2627:1	felt 2632:21 2650:21 2676:6 2718:5 2735:1
EWI 2646:10	expansion 2640:25 2641:7, 22 2642:20,23	expressed 2592:7 2680:24	Fairbairn 2582:8	female 2620:4
exact 2687:18 2736:16 2737:15	expansions 2635:1	extend 2705:20	faith 2602:26	females 2620:7,9
examples 2703:15 2705:12 2740:15	expect 2660:23 2663:20 2664:3 2732:17	extended 2585:25 2586:22 2588:11 2592:19	fall 2645:24 2648:17,22 2657:8,18 2664:8,26 2703:24	Ferguson 2687:23,26 2688:1,3
exceeded 2701:23 2703:14	expectation 2671:22 2677:15 2680:22,26	extending 2605:2	family 2736:3	fewer 2660:17
exceptional 2593:19	expected 2587:9 2660:15,16 2723:24 2732:14	extension 2586:2 2593:19 2706:5	fast 2640:21 2641:11 2664:18 2692:24 2717:24 2720:19 2729:24	field 2581:9,12, 13,17 2607:3 2723:20,21
excess 2661:1,2	expecting 2616:24 2656:11 2675:24 2676:12 2695:5	extensive 2626:8, 14 2627:2 2629:18 2631:17 2633:25	faster 2667:11	file 2585:24 2591:21,25 2603:13 2734:23
exchanged 2586:8 2674:15	expects 2656:6	extent 2662:2	favouring 2736:7	filed 2586:15 2603:15 2616:3 2649:25 2730:2
exclusive 2614:25	experience 2621:25 2642:13	externally 2601:20	fax 2686:19	filing 2603:19
executive 2571:11 2572:6 2574:14 2583:16 2676:9	experiences 2660:3,11	extra 2596:9 2720:8	fear 2622:4	filming 2591:11
exemption 2593:25 2594:3		extremely 2600:11	feasible 2684:20	final 2592:16 2603:20 2614:23 2616:15 2642:1 2643:17 2644:24 2645:10,17,18 2647:12 2661:6
exhibit 2568:12 2614:18,22 2615:3,8,14,23, 24		<hr/> F <hr/>	February 2586:3,10 2588:8 2650:6,7,18 2731:3 2734:17 2742:9	
		face 2639:19	fed 2706:2	
			federal 2597:13 2655:26 2667:17 2669:11,14 2670:1 2723:4	
			Fednav 2573:10, 11	

2669:2 finally 2596:22 Finance 2571:23 financially 2733:21 find 2604:16,21 2607:10,20 2618:1 2690:21 2694:11,12 2695:22 2696:13 2724:9 findings 2599:19 2605:13 2723:14 2731:16,25 Fiord 2585:14 Firelight 2575:8, 9 firms 2709:18,20 firstly 2694:24 2698:12,21 fish 2580:13,14, 16 2695:16,19, 20,25 2696:10, 16,24 2697:2,11, 13,16 Fisheries 2568:7, 19 2569:7,15 2570:18 2580:12, 23 2597:24 2598:1 2601:5,8 2603:16 2605:22, 25 2606:3 2608:4,7,9,12 2612:6,11,22,24, 26 2613:11 2637:24 2643:16, 17,22 2644:1,9, 14,19,20,24 2645:3,6 2658:8, 10 2665:3,7,16, 18,21 2678:26 2679:3,5,9 2690:10 2697:6 2707:6 2717:6 2726:2 2727:25 2728:2	Fist 2681:24 fitness 2594:22 fits 2708:2 five-minute 2592:23 2675:11 fleet 2634:25 floe 2646:12 2702:22 2707:24 floor 2588:26 2682:19 focus 2589:23 2628:23,25 focused 2587:14 2628:24 follow 2606:22 follow-up 2586:14 2592:18, 25 2594:26 2597:9,14 2617:16 2621:5 2630:22 2653:8 2689:26 2701:19 2704:15 2709:16 2716:2,10 2730:14 2731:1 follow-ups 2597:11 food 2626:12,16 2627:6 2633:5, 11,16,22 2634:1 2635:21 2636:1, 4,9,10,12 2637:5, 12,15,16 2642:6 footprint 2702:9 2703:1 force 2738:19 forced 2620:25 foregoing 2742:4 foreign 2695:24 2696:8 Forgive 2672:18 form 2650:19 2670:22 2677:1	formal 2615:5 2619:9,16 2620:16 2621:13 2632:4 2708:5 2712:25 formalin 2607:3 formalize 2678:9 formalized 2675:17 format 2673:22 formation 2721:4 formative 2619:9,15 2620:19 2621:23 formed 2678:11 formulated 2631:15 forum 2602:20 2719:1 forward 2605:20 2612:12 2614:4, 23 2618:10,20 2635:9 2674:26 2680:2 2706:2 2708:22 2720:3 2724:18 2736:26 forward-looking 2635:9 Foulds 2574:23 found 2598:15 2600:12,16 2605:1,2 2660:2 2703:7 foundations 2640:14 Founder 2583:17 fourth 2661:23 frames 2606:16 framework 2711:20,21 2731:22 Frank 2617:23, 24 2619:4	2620:11,13 2621:9,18,20 2625:15 2626:1,5 2629:24 2630:7, 10 2632:26 2633:3 Freely 2611:12 freezes 2726:17 freezing 2625:2, 13 freight 2740:25 frequently 2661:18 2699:23 freshwater 2575:4,5 2616:19 Frezza 2583:11 Friday 2586:21 front 2683:25 2703:23 froze 2624:9 FT 2738:9 fudging 2736:22 fuel 2611:17 2614:25 2725:10, 18 2740:26 full 2605:14 2699:8 2722:3,7 full-time 2735:20 2736:7 2737:24 2738:1,4 fully 2611:2 2641:14 2656:6 2671:24 2679:14 2715:2,7,14 2725:13 2734:21 2739:6 2741:4 fulsome 2631:6 2740:1 function 2633:11 2674:18 functional 2674:7 functionality 2673:20	functioning 2602:24 2603:1 2674:4,11,14 fund 2583:22 2615:21 2692:10, 18 funders 2689:19 funding 2633:22 2636:23 2655:24 2656:1 2683:4, 14,16,22 2687:5, 17 2688:25 2689:11 2691:15 2733:26 funds 2637:3,6,7 future 2632:23 2659:15 2695:8, 11 2732:19 2734:14
G				
Gabriel 2597:22, 25 2598:1 2599:2 2601:1,4,8 2605:23,25 2606:25 2608:5,7 2645:4,6 2648:2 2665:19,21 2667:8 2679:2,5 2727:26 2728:2 gain 2713:14 Gale 2582:19 gaps 2731:24 Gas 2580:18 gather 2589:12 2620:18 2660:24 2682:2,12 gatherers 2718:10 gatherings 2713:25 gauge 2733:24 Geela 2688:23				

general 2579:9, 25 2580:9 2652:9 2667:16 2713:10 generating 2660:7 generation 2636:7 Genessee 2573:12,13,14 genetic 2599:20 2600:23 2601:22 2602:2 genus 2598:23 2599:21 Gilles 2583:15 Gillis 2574:15 give 2586:5 2592:23 2595:3 2624:18 2660:9 2671:19 2681:13 2690:22 2715:23 giving 2684:15 2690:15 glad 2617:26 Glenen 2573:26 global 2598:26 2601:20,26 2739:15 GN-02 2661:8 GN-03 2659:20 go-rounds 2687:11 goal 2652:11 GOC-DFO- NUMBER-5 2601:15 Golder 2573:15, 16,17,18 2604:3 2606:25 2631:1 2699:6 2700:3 2702:3 Gonzalez 2574:9 good 2602:26 2604:2 2609:22, 	25 2610:11 2614:1 2688:18 2698:15 2706:12 2715:22 2717:9 2719:21 2726:9, 21 Goruk 2573:6 Governance 2581:1 government 2568:21 2569:4 2570:6,9,16 2572:22 2578:18, 20 2593:23 2594:5 2597:8,10 2608:24 2617:7 2637:26 2651:9, 12,21,24 2652:16 2653:9,11,16,26 2654:3,15,23,26 2655:8,15,26 2658:15,17,21,23 2659:6 2669:11, 14 2670:1 2671:15,19,21 2680:21,25 2681:9,13,16 2683:2,3 2709:25 2710:2 2712:21 2714:23,26 2715:5,14 2716:11 2717:5, 20 2721:9,12 2722:1,23 2723:15 2724:13 2740:18 Graham 2582:7 2614:13,16,19 2616:5,6 2667:23,24 2668:3,4,5,7,10, 14,16,18 2670:5, 6,10 2671:9 granted 2592:7 2638:9,10 gray 2658:2 	great 2672:26 2680:8 greater 2657:15 2681:15 2738:10 Greg 2594:4 Grise 2585:14 group 2569:5,7,9, 11,13,18 2575:8, 9 2576:10,13,14, 15 2580:22 2598:24 2599:1, 20 2600:24 2602:19,24 2603:11,25 2612:19 2613:14 2636:24 2643:25 2662:24,25 2663:2 2665:1,3 2667:3,5 2668:21,22 2672:8,16,22,26 2673:18 2674:2 2675:12,20,23 2679:1 2682:18, 25 2683:2,12,13, 17 2686:11 2691:6,15 2707:10 2716:17 2717:22 2718:22 2726:8 2727:9,12 groups 2603:1 2616:19 2673:6, 7,8,21,22 2674:3, 6,11,13,17,21,25 2718:1,25,26 2721:6 2722:5 grow 2738:12,19 Gruda-dolbec 2579:20 guaranteed 2691:10,14 guarantees 2640:1 Gudmundson 2581:21 	Guelph 2604:16 guess 2678:4 2700:4 2735:21 2736:21 guidance 2714:20 guide 2720:8 guided 2709:21 2713:21 2714:3 guides 2711:13 <hr/> H <hr/> habitat 2580:14, 16 2626:22 habitats 2728:9, 11 half 2657:26 halfway 2595:11 hall 2576:22 2593:12 2594:15 2688:5 2717:15 hamlet 2568:15, 21,23,25 2569:21,24 2570:10,19 2575:18,20 2576:19 2577:3, 12,14,15,18,19 2578:13,14 2617:23,25 2618:4,8 2619:4, 9 2620:11,14 2621:18,21,22 2625:15,22 2626:1,6,8,17 2630:7,10,23 2632:26 2633:3 2636:24 2637:10, 26 2638:2,3,20 2655:21,22,23,25 2681:24,26 2682:6,7,9,16 2683:4,10 2686:21,22 	2688:8,15,20,23 2689:7 2690:1,3 2693:20 2694:23, 26 2712:22 2714:5,15 2727:17 2728:24, 25 2729:3 2730:11 2735:4, 7,10,14,25 2737:21 2738:24 2739:1,21 2741:2,8 hamlet's 2739:3 hamlets 2713:23 hand 2587:24 2594:8 2652:8 2688:21 handful 2600:7 handicap 2594:20 handling 2611:18 2740:15 Hanson 2572:8 2736:11,13,14 Hanson-main 2576:5 happen 2607:13 2674:16 2734:12 happened 2696:4,15 2733:26 happening 2643:7 2695:19, 21 2696:2 happy 2606:4,6, 13 2609:8 2649:16 2695:9 2726:16 2731:2 2740:6,18,19 hard 2615:16 2689:23 2693:10 2715:19 harvest 2633:8 2636:20 2693:7 2706:26 2733:10
---	---	--	--	---

harvested 2633:12	2735:1,25	2602:10 2674:20	HR 2623:14,15	2725:13 2726:15
harvesters 2637:4	hearing 2571:5	highlighting 2636:22 2673:26	HTA 2688:5	2727:18 2728:25
harvesters' 2693:2	2585:24,25	highly 2608:13	HTO 2655:21,22	2729:4,8,12
harvesting 2636:13,16	2586:1,2,9,12,20	hire 2720:1	2688:4,11	2730:15,22,25
2637:14 2692:20	2587:14,18	hired 2709:20	hub 2587:5	2733:6,8
2693:3 2703:5	2588:8 2589:3,10	hiring 2709:19	2594:2	hunters' 2692:17
2705:25 2706:25	2590:25 2591:24	historic 2600:22	human 2622:23	2693:6
2730:9 2731:11	2593:20 2594:14	2637:15	2623:14	Hunters 2728
2733:13 2734:14, 20	2602:12 2608:12	historical 2601:19	hundred 2707:1	2570:19
Hatch 2573:19	2626:21 2639:17, 20 2644:6,25	historically 2700:8	hundreds 2607:19	hunting 2636:6
he'll 2619:1	2650:6,18,22	history 2640:12	hunt 2726:16	2726:16,18
Head 2572:10	2663:3 2664:24	Hitchcox 2579:15	hunter 2713:23	hypothetical 2598:17
2706:13,15	2670:26 2687:15	Hoggarth 2580:24	2714:15	
headsets 2590:22	2710:15 2712:6	hold 2666:16	hunters 2568:18, 22,24,25	I
health 2582:18	2719:12 2729:25	2702:21 2736:19	2569:19,22	ICA 2676:6
2589:11 2593:1, 5,23 2594:6,16	2730:3 2734:24	Holt 2582:10	2570:2,4,12	ice 2611:12,14
2627:5	2736:21 2741:9, 11	home 2608:18	2575:23 2576:1, 10,22 2577:3,6, 12,16 2578:1,3,6, 8,10,15 2636:25	2643:20 2644:15
healthy 2594:12	hearings 2710:3	2688:14,17	2637:11,21,23	2645:2 2646:2
hear 2590:22	2714:2	honour 2678:16	2638:1,2,4,19,22, 24 2643:9,12	2647:6,12,20
2598:9 2609:23	heaviest 2702:16	hope 2646:13	2644:22 2647:3, 25 2649:5,8,18, 21 2651:4,11	2648:14,18,20
2623:23 2625:4	heavily 2708:20	2647:23 2653:1	2653:2,6 2654:21	2657:6,10,14,20
2627:26 2634:15	heavy 2620:5	2680:9 2696:20	2657:1 2659:2	2658:2,4 2663:11
2649:13 2658:25	held 2586:2	2701:13 2711:17	2661:7 2672:12, 16 2680:13	2664:11,17,18, 19,25 2702:14, 16,18,24 2703:25
2666:3 2668:17	2644:17 2647:1	2720:10 2722:21	2681:21,23	2704:1 2707:16, 17,18 2726:14, 15,17 2728:6
2670:8 2688:1,22	helped 2674:9	2728:21 2741:12	2682:8,10,17	ice-breaking 2648:10
2694:23 2699:8	2683:14,21	hoping 2697:21	2684:2,4,6,24,25	icebreaker 2648:9 2657:22
2715:15 2717:7	helpful 2647:19	Hopkins 2580:9	2685:21 2686:8, 13 2687:4,22,24	2702:12
2718:5 2734:21	helps 2722:6	Hostetler 2577:18	2689:5 2692:14, 15 2693:22	icebreakers 2731:13
heard 2603:22	Henrikson 2579:25	Hotel 2571:1	2697:22,25	icebreaking 2626:9 2629:21
2623:20 2628:2	herd 2652:4	hours 2740:23	2698:6,8,10	2657:12 2663:4, 6,10,17,21
2644:12 2650:22	2655:15 2661:20, 21	housekeeping 2594:18	2699:12 2701:15	2664:4,5,9
2656:5 2663:5	herds 2660:12	Howland 2580:21 2598:5, 8,9,11 2599:8,9, 12 2602:10	2704:11 2708:26	2703:25 2704:5
2665:23 2673:18, 19 2678:15	Higdon 2575:4		2709:23 2716:5, 18 2718:9	2705:20 2731:10
2684:10,16	high 2628:21		2719:8,11 2722:9	icon 2587:24
2696:21 2705:4	2703:8 2740:20			
2706:22 2708:13, 18 2709:6	higher 2660:12			
2710:12 2717:13	2700:21			
2720:23 2732:13	highest 2738:14, 15			
	highlight			

idea 2724:16 Ideally 2642:24 ideas 2674:15 identification 2591:8 2606:17 identified 2587:15 2599:24 2600:6 2604:8,26 2605:3 2618:23 2628:9,21 2629:4 2631:13 2634:12 2677:10 2693:14 2697:7 identify 2588:14 2631:12 2655:2, 9,17 2720:2 2723:9 identifying 2716:19 2720:23 Idlout 2577:5 2578:14 2698:7, 10 2699:10,11 2701:16,17 2704:12,13 2709:2,3,26 Igloolik 2568:23, 24 2569:5,7,9,11, 13,18,19 2576:10,12,14,15 2638:2 2655:21, 23 2662:24,25 2663:2 2665:1,3 2667:3,5 2668:20,22 2672:8,16,22,25 2675:11,20,23 2679:1 2681:21 2682:18,25 2683:1,4,10,15 2684:2,4,12,25 2685:16,21 2686:8,13,15 Ikoo 2577:20 Ikajutit 2570:2,4 2577:3 2698:6,8 2699:9,12	2701:15,18 2704:11,13 2708:26 2709:4, 23 Iksivauta 2638:8 2643:11 2649:7, 20 2653:5 2654:20 2730:10, 24 Imanga 2581:15 immediately 2654:12 impact 2571:4,9, 18,19,22 2573:20 2579:3,26 2582:21,23 2583:8 2585:4 2593:3 2603:6 2615:11 2624:4, 21 2625:19 2628:20 2642:1, 10 2644:23 2647:4 2649:25 2650:3 2652:12, 14 2656:7,11 2665:9 2666:14 2670:14 2671:11, 16,17,22,26 2679:11 2680:5, 26 2681:10,17 2689:3 2690:16, 18,19,20,21,23 2693:26 2694:4, 6,8 2696:24 2703:14 2708:24 2713:10,12 2714:13,17 2715:13,18 2718:10 2720:22 2721:20 2723:22 2726:10 2727:1,6 2728:6 2731:21 2733:23 2737:11 impacted 2639:11 2640:7,9 2641:2 2642:8 2655:5 2669:4,15	2678:12 2715:8 2733:11 impacts 2626:15, 18 2627:25 2628:6,7,8 2633:26 2641:4, 12,14,18,21 2642:6 2648:18, 23 2651:16 2652:2,11,16,26 2676:6 2679:15, 16,21 2693:8,13 2713:4 2719:9 2721:15,22 2723:11 2728:12, 19 2733:12 impairment 2626:21 implement 2645:16 2662:9 2697:23 2732:20 2733:14,15 implementation 2593:24 2677:6 2692:12 implemented 2593:9 2703:13 2704:8 2707:11, 14,23 implementing 2642:25 implying 2736:22 importance 2626:11,13,16 2634:1 2680:8 2735:5 important 2596:10 2612:23 2646:14 2650:22 2674:1 2679:9,22 2697:18 2708:13, 25 2714:6 2715:12 2722:3 2728:11 2738:11 2740:7	importantly 2646:10 2697:6 imposed 2690:16 2707:19 improve 2647:15 improvements 2674:16 2711:14 in-person 2588:23 2589:2 include 2685:12 2702:6 2703:22 2705:18,20 included 2599:1 2607:7 2618:9, 12,16 2631:17 2635:3 2650:2,14 2699:17 2707:16 2713:7 includes 2605:14 2628:14 2634:23 2636:5 2677:12 2693:17 including 2590:15 2591:22 2601:18 2623:14 2637:14 2639:16 2646:23 2689:12 2692:14 2701:12 2704:26 2710:11 2721:4 2728:20 income 2735:20 inconsistently 2731:9 incorporate 2665:13,14 incorporated 2570:6,8 2574:7, 19 2631:6 2709:25 2712:16, 20 incorrect 2737:6 increase 2603:1 2639:16 increased 2693:6 2699:24 2707:3	increases 2661:21 increasing 2697:15 2707:13 Independent 2583:13,18 independently 2739:22 indicating 2669:8 indicative 2680:2 indicator 2678:13 2732:7 indicators 2640:18 2646:22 2649:26 2650:5 2677:13 2728:20 2731:18 2732:12, 13,26 Indigenous 2669:2 INDISCERNIB LE 2732:14 individual 2661:19 individuals 2599:24 2661:21 2668:26 industry 2635:10 2739:12 ineffective 2673:7,12 infaunal 2604:24 2607:1,6 influence 2652:6 2659:14 influenced 2705:13 info 2647:1 inform 2674:25, 26 2679:24 2710:25 information 2586:7 2588:24
--	---	---	---	--

2589:12,14,16,26 2591:18 2598:6 2600:20 2601:25 2602:14,16,17, 19,21 2603:10 2604:7 2605:19 2606:5 2608:26 2612:26 2613:6 2626:18 2627:8 2630:12 2631:3, 18 2633:20 2635:23 2637:14, 18 2644:14,18,21 2646:5 2647:2 2658:6,12 2679:13,23 2682:2,12 2687:10,19 2688:3 2689:7, 10,12,14 2690:9 2691:24 2692:1 2696:22,26 2704:18 2707:2 2708:4 2710:24 2711:1 2713:14 2730:1 2736:25 2739:11,17 2740:4,6,17,19, 20,24 2741:2,5 informed 2647:16 infrastructure 2618:15 2625:9 2634:22 2655:5 2667:12 Ings 2571:23 2589:5 inhabited 2695:20 initially 2631:10 2683:14 initiative 2678:21 initiatives 2692:20 2693:3	Inlet 2568:15 2571:18 2575:18, 19,20,22 2585:10 2586:3 2587:4,5, 8 2588:21 2589:8 2593:13 2594:2, 15 2617:23,25 2618:4,8 2619:4 2620:11,14 2621:18,21 2625:15 2626:1,6 2627:4 2630:7, 10,23 2632:26 2633:3,13,23 2636:25 2637:10 2657:22 2682:6, 22 2684:12,22 2685:20,23 2686:15 2688:11 2690:16 2691:5, 12,17 2693:20,25 2694:2 2695:16, 18 2696:12,22,25 2697:2,13,20,21 2699:24 2700:7 2702:23 2703:6 2706:21 2717:1, 12,24 2719:13 2724:20,25 2725:21 2726:14 2727:16,17 2735:2,14,16,25 2737:22 Inlet's 2625:22 input 2638:20,25 2674:3 2678:12 2707:9 2719:5 2727:8 inputs 2675:18 inspect 2723:25 2724:4 inspection 2723:21 inspectors 2723:25	instance 2640:14 institute-issued 2708:5 Institution 2584:8 instructed 2619:21 instruments 2724:3 insufficient 2642:2 integrate 2632:2, 25 2665:14 integrated 2630:13 2631:3 2646:11 integrates 2665:23 integration 2639:25 intend 2602:3 2605:8 2606:16 intended 2596:23,24 2628:23,25 2636:26 2714:8 intense 2662:7 intensity 2607:26 2660:10 2661:17 2662:4 intensively 2660:22 intent 2652:13 intention 2595:10 2631:25 2632:19 interact 2661:22 interacting 2628:6 2707:25 interactions 2713:22 interest 2586:4 2590:7 2601:24 2615:22 2633:4	2668:25 2712:7 2740:26 interested 2586:7 2652:25 2689:21 2715:23 interests 2618:17 2667:18 2714:10 interfere 2703:5 interfering 2628:6 2707:25 internal 2706:2 internally 2719:12 interpret 2674:9 interpretation 2588:18 2590:15, 19 2600:21 2610:9 interpreter 2643:1 2662:10, 15 2683:5,8 2692:21,25 interpreter- translator 2590:16 interpreter- translators 2590:14 interpreters 2588:20 2596:2, 6,8 INTERPRETE RS/ TRANSLATOR S 2584:11 interrupt 2595:21 interrupted 2625:3 interruptions 2596:19 intervenor 2617:23 2635:25 2651:9 2656:22	2681:21 2686:20 2710:14 2712:14 2714:15 2717:1 2740:20 intervenor's 2627:26 2635:20 intervenor's 2574:5 2586:14, 16 2587:1,6,15 2589:25 2595:1 2597:8 2606:4 2608:25 2615:7 2617:17,21 2636:2 2637:21 2666:16 2681:22 2689:26 2698:6 2710:1,8,19 2713:15 2714:8 2715:3,10 2721:24,26 2722:5,11 2723:16 2728:24 2734:21,26 intervenor's' 2662:24 interview 2620:25 interviews 2591:23 2620:22, 24,26 2621:16,24 2622:1,2,22 2631:11 2632:12 Intrinsik 2573:21 introduce 2590:8 2614:21 introduced 2627:24 2628:12 2663:24 Introduces 2568:11 2614:17 Inuarak 2576:6 Inuit 2568:19 2570:5,8,15 2574:21 2616:17 2622:25 2623:3,
---	---	--	---	--

9,10,13,14,16,18 2631:13 2632:1, 5,10 2636:15,18, 19 2637:24 2638:15,16,18, 20,26 2639:3,6,7, 10,12,13,18,22, 23,25 2640:2,4,5, 8,10,17,21,23 2641:12,17,23,25 2642:3,6,9,11,16, 18,26 2643:7,8 2646:23 2650:20, 23 2665:15,23 2666:3,4,5,6,15, 20 2669:14 2672:5,6 2675:3, 6 2676:3,7,13,24, 25,26 2677:1,3,4, 5,9,17,18,20,22, 23,25 2678:2,6, 11,16,19,20 2681:3 2692:6,18 2694:11 2695:10, 16 2698:17,20 2699:15 2701:11 2704:24 2705:1, 12 2706:7 2708:3,13,19,21, 23,25 2709:18, 19,24 2710:23 2711:4,12,13,20, 25 2712:2,21 2713:1,2,15,17, 20,21 2714:1,7,9, 10,12,18 2715:16 2717:4,19 2719:1,13 2720:7,11,14,20 2721:1,3 2723:15 2729:22 2732:17 2734:8 2735:2 2736:23 2737:11, 13,26 2738:2,15, 19 Inuit-developed 2693:19	Inuit-led 2693:18 Inuit-shared 2702:20 Inuit-specific 2732:13 Inuk 2726:17 inuktitut 2589:1 2620:1,9 2621:17 2622:20 2623:11, 20 2685:16 2699:9 2713:9 2735:4 2737:15 invalidate 2722:6 invasive 2580:21 2598:4,13 2599:17 2605:15, 17 2608:20 2609:4,8 2612:19 2613:3,10 invest 2636:26 investigate 2697:5 investigation 2623:7 investigations 2697:8 investment 2662:5 invite 2595:4 2598:4 2613:21 2615:6 2666:25 2720:7 involved 2598:24 2632:10 2695:10 2708:14 involvement 2638:25 2721:3 involves 2632:10 2702:26 Ipeelie 2578:10 IQ 2575:1 2630:11 2631:2, 6,21,23 2632:4, 25 2667:1 2701:10,12 2705:3 2709:14, 20,22 2711:19 Iqaluit 2571:2,9 2572:4 2585:9, 10,26 2588:20,25 2589:7 2591:6 2593:12 2594:1, 3,6,14,19 2619:25 2688:17 2717:10 Iqqaqsaq 2576:17 Irngaut 2574:12 iron 2568:8,9,14, 15,20 2569:5,13, 20,24,26 2570:3, 9,11,15,20 2572:3,11,12,14, 25,26 2573:1,2,3, 4,5,6 2585:7,8 2601:5 2609:20 2616:11 2618:4 2637:2,25 2662:25 2672:22 2684:5 2690:3 2694:20 2696:7 2698:9 2712:22 2716:4 2717:4 2718:8 2725:9,18 2728:26 Irqittuuq 2576:24 irregardless 2667:20 Island 2652:4 2655:15 2660:13 2662:11 2695:9, 11 issue 2612:16 2627:21 2652:8 2698:18 issued 2591:14	issues 2589:4 2618:6 2625:25 2628:25 2629:4 2639:21,24 2641:21 2642:10 2670:12 2673:19 2713:7,14 2722:4 2723:9,23 2730:8,15,17 2731:2 2732:18 2733:4,7 item 2597:7 2616:23 items 2629:2 2662:1 2730:20 Ivalu 2576:12 2662:24 2663:1,2 2665:2,5 2667:4, 7 2668:20,24 2672:9,10,17,18 2682:18,21 <hr/> J <hr/> J.F. 2582:12 Jaideep 2609:16, 18,26 2610:12 2613:25 2614:2 James 2584:15 2712:16 Jane 2590:17 January 2586:3, 10 2588:8 2644:5 2645:10 2649:24 2650:18 2710:6 2734:17 Jared 2639:8,9 2643:13 2677:26 2678:1 2713:18, 19 2720:12,13 Jarrat 2573:24 JASCO 2573:22 Jaypoody 2575:14	Jeetaloo 2665:13 Jerry 2681:25 Jewitt 2575:7 job 2632:5 2672:26 2715:19 Johar 2581:23 2609:16,19,22, 25,26 2610:7,8, 11,12 2612:4 2613:26 2614:1,2 Johnson 2573:4 Johnstone 2583:4 join 2586:19 joining 2585:11 2587:23 2593:11 2596:17 2617:15 joint 2678:6 Jonart 2581:14 Jones 2584:8 Joshua 2585:19, 21 Josie 2590:16 Joynt 2584:6 JPSCL 2574:2 Jr 2578:22 July 2663:25 2664:1,7 2725:26 2726:1 2727:21, 22,24 June 2710:7 Junior 2571:20 2581:2 jurisdiction 2652:17 JUSTICE 2579:19 <hr/> K <hr/> Kabanguka 2582:11
--	--	---	---

Kaerner 2576:26	Knight 2573:23 2633:8	Lake 2729:17	left 2589:22 2592:24 2633:1 2654:18 2698:4	2638:12 2651:8 2676:23 2701:1 2708:3 2709:7 2733:19
Takee 2578:5	knowing 2701:20	land 2574:22 2611:14 2718:9 2719:9 2724:4	legal 2571:10 2572:5,16,17 2574:8,9,22,23 2576:3 2577:5 2578:19 2579:20 2583:15 2584:5 2588:16 2590:7 2603:4,6 2615:9, 11 2624:2,4,10, 20 2625:17,19 2689:1,3	limits 2592:15
Takee's 2665:13	knowledge 2587:2 2636:6,20 2637:8 2666:16 2701:8,11 2702:20 2713:15 2722:2 2728:10	land-fast 2658:4 2663:11 2664:11, 17,25 2705:20 2707:17		lines 2608:14
Kaluraq 2571:5 2585:3	Koluktoo 2703:7 2704:4 2729:17	land-use 2579:1 2640:1,16 2642:4		link 2588:1 2590:18 2711:26
Kamermans 2572:20 2612:4, 7,8,9 2635:15,17, 18,19 2650:10, 11,12,13 2664:12,14,15,16 2676:18,19,20,21 2690:26 2691:1,2 2692:26 2705:8, 9,10,11 2740:12, 13,14	Komangapik 2570:14 2575:24 2717:2,3,7,9,12 2724:14 2725:22, 23	Lands 2574:15 2583:6		linked 2587:6 2677:14
Karlik 2578:23	Koonark 2575:20	language 2615:6, 19	Legault 2573:10	linking 2591:14
Katsak 2584:14 2590:17	Koonoo 2577:6 2699:15	language-specific 2588:23	Legislation 2583:11	links 2595:24
Kaujak 2570:14 2717:2,3,12 2723:6 2725:21	Kotierk 2574:10	lanyards 2590:10	length 2633:21	Lipsett 2583:20
Kaviq 2585:3	Kowbel 2572:16	large 2575:10,12 2634:25 2707:5	lessen 2679:21	list 2587:25 2605:21 2631:17 2637:21 2656:3 2662:24 2689:25 2690:1 2698:5 2710:3,9 2728:23 2736:26
Keane 2573:11	Krizan 2573:8	largely 2720:26	Letia 2590:17	listed 2600:17
Keenan 2584:2	Kunnuk 2583:18	Lastly 2594:26 2658:4	letter 2650:2 2696:6	listen 2589:24 2623:11 2632:5 2721:18
keeping 2590:26 2594:11	Kunuk 2569:26 2574:13 2583:17 2694:18,19,20,22 2697:26 2698:2, 18 2712:19,24	late 2595:19 2664:9	level 2627:18,20 2629:25 2651:20 2652:12 2659:12, 18 2660:26 2661:11 2690:21 2700:26 2706:23 2709:15,20 2711:5 2727:9 2738:15 2740:20	listened 2721:25
key 2587:16,20 2627:20 2628:24 2640:14 2641:26	Kuppaq 2576:25	Lavallée 2574:19		listening 2608:11 2670:24 2708:6 2713:24 2730:17
kills 2696:24 2697:3,11		lead 2575:3 2580:18 2583:23, 25 2719:3		literature 2601:19 2606:10
kilometres 2660:15	L	Leader 2581:7	levels 2655:14 2664:4 2732:11	live 2591:14 2592:9
Kimberley 2598:5	L'HEREAULT 2576:8	learn 2694:7	licence 2724:3	living 2613:20
Kimberly 2598:8	L.R. 2573:13	learned 2619:19	life 2628:4 2639:15	loaded 2739:7
kind 2703:12	lab 2607:16	learning 2619:20	light 2600:22 2613:7 2627:23	loader 2686:26 2739:5
kit 2703:20	laboratory 2607:22	leases 2724:4	limit 2593:26 2646:6	loading 2686:26
kits 2650:16	lack 2639:25,26 2641:17 2642:12 2652:9 2726:18	leave 2622:25 2726:22 2730:9	limitations 2596:20	lobby 2594:21
Klarenbach 2582:2	Laforest 2583:26	leaves 2739:7,20	limited 2573:10, 11 2574:2 2628:9,17	local 2593:5 2637:4
		leaving 2621:2		localized 2701:2
		led 2639:1 2713:4		located 2594:19, 21
		Lee 2574:17		
		Leech 2575:9		

location 2588:23 2589:2 2591:6 2619:25 locations 2605:1 locked 2607:18 long 2648:14 2661:11 2688:14, 17 2693:22,23 2694:1 2698:2 2709:12 2739:19 longer 2660:26 2705:18 2727:21 longevity 2730:8 looked 2604:25 2635:24 2637:13 2716:15 2726:8 2727:1 2731:4 Lord-hoyle 2572:18 2602:6,7 2606:20,21 2612:1,2 2616:21,22 2618:21,22 2619:22,23 2621:3,4 2622:10,11 2627:10,11 2630:20,21 2634:8,9 2635:12,13 2650:8,9 2663:3, 13,14 2673:14,15 2675:8,9,13,14 2676:11,16,17 2685:2,3 2690:24,25 2696:18,19 2699:1,2 2701:24,25 2705:6,7 2710:20,21 2718:18,19 2725:2,3 2726:25,26 2736:9,10 2739:25,26	Lori 2698:7 2699:10,11 2701:16,17 2704:12,13 2709:2,3 2715:1 Loris 2698:10 loss 2626:22 2733:12 LOST 2624:8,26 2625:11 lot 2595:19 2627:26 2673:9 2695:14 2699:16, 17 2715:20 2719:17 2726:18 2735:21 Lou 2612:3,7,8 2635:15,17,19 2650:10,11,12 2651:7 2664:12, 14,15 2676:18, 19,20 2690:26 2691:1,2 2705:8, 9,10 2740:1,11, 12,14 louder 2702:13, 14 Louie 2731:1 Louis 2686:21 2728:24 2729:2, 11 2730:11 2735:7,10 2738:25 2739:1 low 2628:23 2651:19 2655:14 2659:16 2662:10, 17 2706:23 lower 2660:13 2700:21 lunch 2592:12 2649:17 2654:10, 12,16,19 lunchtime 2656:14	Lyall 2574:14 Lyrette 2582:25 <hr/> M <hr/> M-I-K-K-I 2684:8 Ma 2582:20 Macdonald 2575:8 2584:7 madam 2597:15, 18,26 2601:7 2602:5,15 2603:5,8,25 2604:2 2605:24 2606:19,24 2608:6,23 2609:10,13,22,26 2610:11,12 2611:26 2612:4,8 2614:1,9 2615:10,13 2616:3,6,12,23 2617:24 2618:23 2620:1 2622:13, 20 2623:23 2624:3,11,21,24 2625:4,18,21,26 2626:3 2627:14 2630:9,26 2633:2 2634:8,14 2635:11,18 2638:6 2645:5 2647:23 2648:26 2649:14 2650:12 2651:6,23 2654:2,10 2656:25 2658:16, 22 2663:1,12,15, 22 2664:15 2665:5,6,17,20 2667:1,7,21 2668:24 2669:17 2671:5 2672:10, 18,24 2673:17 2675:22 2676:10,	20 2678:1,24 2679:4 2680:9,17 2681:25 2682:9, 21,26 2683:22,26 2686:23 2687:20 2689:2,5,24 2691:3 2699:5 2700:1 2702:4 2705:10 2712:17 2713:19 2714:25 2716:7,25 2718:5 2720:13 2721:11 2722:26 2728:1, 21 2729:7 2730:13,21 2735:9 2737:18 2738:23,26 2739:24 2740:13 made 2611:4,6,21 2612:23 2663:21 2671:16 2673:21 2678:5 2681:10 2691:8,11 2704:20 2711:15, 16 2731:9 2732:25 2738:16 Madeleine 2589:22 Maher 2581:8 main 2703:10 mainland 2660:11 maintain 2611:16 2634:24 2636:14 maintaining 2618:15 maintains 2610:19 major 2581:25 2582:3 2634:25 2710:3 2731:23 majority 2599:18 make 2590:2 2593:9,19	2598:5,11 2612:15 2615:15 2622:6 2632:24 2647:7 2651:1 2654:5,12 2666:23 2667:26 2671:11,15 2674:14 2680:22 2681:9,16 2682:13 2694:25 2706:9 2711:11 2714:16 2715:25 2721:21 2722:15 2725:12 2735:23 2736:23 2738:11 makes 2587:26 2677:8 2735:21 making 2613:17 2666:11,16 2671:20 2681:14 2695:6 2698:25 2736:6,24 Malcolm 2572:24 Malliki 2684:3,7, 8 mammal 2580:20 2631:4, 22,23 2731:8 2732:26 mammals 2646:1 2679:17 2702:21 2733:20 manage 2629:3 2707:21 2721:15 2733:20 managed 2652:18 2721:22 2722:21 management 2579:7,10,12,14, 15,24 2580:23 2623:20 2640:3, 15 2642:15 2646:11,19,21 2649:26 2652:15
--	--	--	--	--

2662:9 2673:10 2674:23,25 2675:4,9,16,17 2676:5,7 2677:10,11,16 2678:7,14,17 2679:24,25 2680:7 2692:5 2703:13 2705:4, 14 2706:6 2707:7 2708:9,10,11,16, 23 2711:20,21 2713:9 2728:17 2730:16 2731:6, 26 2732:3 2733:19 Manager 2571:19 2572:22 2579:1,3,17,26 2580:6,26 2581:8,14,21,23, 24 2582:2,19,20, 22 2583:11 mandate 2644:25 2647:8 2723:10 manner 2610:23 2612:16 2613:24 2622:23 2733:2 map 2605:4 2724:19 2725:15 March 2586:15 2650:2,15 2710:6 2740:17 Marcoux 2580:20 Marenzelleria 2598:14 2599:5, 6,13,21,25 2600:5,17 marine 2575:4,5 2576:7 2580:20 2581:15,23 2583:23 2603:10, 13,25 2604:23 2605:10 2612:18	2613:13 2616:18 2631:3,22,23 2643:24 2645:15 2646:1 2679:17 2680:5 2685:23, 25 2691:19 2702:21 2707:9 2708:11 2726:3 2727:11 2731:5, 7,8 2732:16,25 2733:20 2734:18 2740:16 mark 2589:5 2615:24 market 2637:3 Mary 2585:8 2593:15 2640:12 2684:11 2695:8, 14 2713:26 2731:22 2732:24 2738:20 masking 2626:21 2628:18 masks 2594:7 mass 2697:11 material 2603:13 2612:12 2616:3 materials 2678:22 mating 2628:1 matter 2596:15 2635:25 2658:19 matters 2624:22 Matthew 2619:24,26 2620:2 2621:5,7, 8,22 2622:12,19, 21 maximum 2657:26 2685:8 2707:19 Mayor 2575:19 2576:20 Mcclintock 2574:3	McLennan 2580:26 McLeod 2573:7 Meadows 2571:10 2603:5,6 2606:5 2615:10, 11 2624:3,4,11, 20 2625:18,19 2626:4 2689:2,3 meals 2595:17 meaning 2596:11 2619:9 meaningful 2640:2 2706:9 2733:1 means 2607:12, 13 2659:12 2664:5 2675:18 2685:10 meant 2642:10 2677:8,21 2692:10 meantime 2692:9 measure 2645:23 2647:11 2738:5 measures 2589:11 2593:9 2594:11 2609:6,9 2627:24 2643:26 2644:3,8,10 2646:4 2648:7 2702:5 2703:20, 21 2704:8 2707:15 2720:25 2732:23 meat 2695:4,6 mechanism 2674:21,22 2675:1,15,16 mechanisms 2708:21 media 2591:5,7, 9,11,15,17,18,23	meet 2695:15 2717:23 2729:15 2731:19 meeting 2585:5, 6,15,22 2593:12 2595:18 2596:16 2618:25 2694:26 2718:22 2732:10 meetings 2588:20 2591:8, 19 2593:14 2594:1 2597:6 2612:19 2644:17 2647:1,6 2673:3 2683:17 2695:14 2696:23 2713:9, 10,13,25 2714:2, 3 2729:21,22 meets 2718:23 Megan 2602:6,7 2606:20,21 2612:1,2 2616:21,22 2618:21,22 2619:6,22,23 2621:3,4 2622:10,11 2627:10,11 2630:20,21 2634:9 2635:12, 13 2650:8,9 2663:13,14 2664:23 2673:14, 15 2675:8,13,14 2676:11,16,17 2685:2,3 2690:24,25 2696:18,19 2699:1,2 2701:24,25 2705:6,7 2710:20,21 2718:18,19 2725:2,3 2726:25,26 2736:9,10 2739:25,26	melting 2667:12 Member 2571:6, 7 2575:10,12 members 2587:7 2589:20 2590:4 2591:11,22 2603:24 2623:3, 9,13,16,19 2643:24 2673:5, 13,18 2674:13 2677:21 2688:15 memo 2602:3 2603:14 2605:9 memorandum 2703:16 2704:7 mentioned 2599:2 2600:15 2604:22 2620:23 2627:3 2652:8 2720:16 mentioning 2719:2 Merkosak 2572:11 Merlyn 2672:20, 21,25 2675:20,23 2678:3 2682:23, 24 met 2638:19 2701:21 metal 2697:14,15 method 2596:16 methods 2643:26 2644:8 2662:22 MHTO 2659:2,5 2716:11 MHTO-BIM-41 2649:24 MHTO-DFO-12 2645:21 2646:6 MHTO-DFO- NUMBER-12 2658:11 MHTO-GN-02
--	---	---	--	---

2654:24 MHTO-GN-03 2651:10 2659:7, 20 MHTO-GN-04 2659:22 MHTO-PC-02 2657:5 mic 2672:12,19 2682:19,20 2718:3 Michael 2568:17 2622:13 2623:22, 25 2624:19,23 2625:1,12 2630:5 2634:3,9,11 2687:22,26 2716:7 microphone 2587:20 2595:9, 25 2596:3 2608:24 midafternoon 2595:12 might've 2680:24 migrating 2653:20 migration 2698:24 Mike 2578:3 2716:2 Mikki 2576:16 2672:13 2684:6,8 2685:17,18 2686:16 million 2641:5,7, 13 2643:5 2684:10,19 2685:21 2686:3 2691:7 2692:14 Milne 2609:4 2627:4 2657:22 2685:11,14 2695:16 2696:25	2697:13,20 2703:3,6 2706:21 2717:23 2724:20, 25 2725:6 mind 2682:4 mindful 2596:5, 12 mine 2639:15 2640:24 2641:22 2642:19 2653:21 2667:13 2684:11 2711:8 2718:7 2719:25 2725:6, 19 Minerals 2583:6 Mines 2568:8,9, 14,16,21 2569:6, 14,20,25 2570:1, 3,9,11,15,20 2572:3,11,12,14, 25,26 2573:1,2,3, 4,5,6 2585:7 2601:6 2609:20 2616:11 2618:4 2637:25 2662:25 2672:22 2684:5 2690:3 2694:20 2698:9 2712:22 2716:4 2717:4 2728:26 minimize 2628:15 mining 2580:18 2582:16 2634:25 2695:24 2696:7, 9,11,12 minister 2578:21,22,23,25 2656:7 2667:17 2669:11,16 2670:18,20 2671:12 2681:8 ministers 2666:18,23 minutes 2592:24 2597:10 2633:1	2654:17 2675:25 mirrors 2664:2 miscommunicati on 2663:16 misidentification s 2599:26 misrepresent 2729:21 missed 2671:1 2731:2 Missing 2731:17 misunderstandi ng 2685:1 mitigate 2628:12 2679:20 2724:11 mitigated 2652:11,26 2665:10 2679:12 2690:14 2721:22 2732:22 mitigation 2627:23 2628:5, 12 2631:16 2635:1 2643:26 2644:3,8,10 2645:23 2646:4 2647:11,15 2648:6 2652:18 2701:20,21,22 2702:5,26 2703:10,13,20 2704:20 2707:15 2720:25 2722:13 mitigations 2645:11,13,17 2646:14,25 2648:16,22 2657:8,14,17,19 2658:7 2702:1 2705:14 2708:12 2723:12 Mittimatalik 2568:18 2570:12, 19 2576:1 2636:25 2637:11,	21,23 2638:22,24 2643:9,12 2644:21 2647:3, 25 2649:5,8,18, 21 2651:4,11 2653:2,6 2654:21 2657:1 2659:2 2661:7 2680:13 2681:23 2684:24 2687:4 2688:4 2689:5 2692:15 2697:22 2716:5, 18 2727:17 2728:25 2729:4, 8,12 2730:14,22, 25 2733:5,8 Mittimatalingmi ut 2626:11 2634:2 mixing 2700:6,9, 10,19 2701:7,11 modelling 2626:20 2630:16 models 2640:10 moderate 2628:24 modest 2664:9 modified 2593:4 2692:11 2708:10 modify 2706:3 2731:7 modifying 2732:8 moment 2609:2 2647:9 2668:10, 19 2673:11 2704:16 2709:11 moments 2670:2 money 2636:26 2690:15,22 2695:6 monitor 2646:3 2697:12,13 2721:15 2724:6 2728:19 2731:10	monitored 2661:19 monitoring 2576:8 2601:17 2602:4 2603:14 2604:23 2605:9, 11,15 2612:17,25 2613:10 2628:22 2629:6,12,14 2632:2,11 2640:2,18 2641:15,19 2642:15 2643:26 2644:8 2645:12, 17,25 2646:12,15 2647:16 2652:15, 18 2655:1,9,11, 17 2660:10 2661:9,18,25 2662:4,5,6,7,19, 21 2666:8,21 2674:8 2677:13 2691:9,18,22 2693:11,15,16,18 2697:4,10,19 2703:17 2706:14, 17,20 2707:3,13 2708:15 2716:13 2720:24 2722:12 2724:7 2727:10 2728:13 2729:17 2730:3 2731:5,7, 8,16,22,25 2732:5,19,26 2737:23 months 2705:21 2732:15,17 Moore 2572:22 2573:21 2736:12 2737:17,18,19 morning 2568:5 2586:21 2595:11 2604:2 2609:22, 25 2610:12 2614:1 2741:11 Morrison 2571:19
---	--	---	---	--

Moses 2698:18 2699:14 motion 2686:17, 18 move 2618:26 2646:26 2648:2 2655:3 2664:22 2682:14 2686:12 2704:22 2720:3 2725:9,10,18 movement 2660:6 2740:23 movements 2648:11 moves 2708:22 moving 2597:7 2606:14 2634:7 2637:20 2661:6 2694:4,5 2699:23 2719:22 2733:9 multiple 2635:26 2636:1 2643:19 municipality 2683:15 Murkowski 2626:25 Murphy 2576:3 Murray 2572:25 muted 2595:25 mutual 2652:10 <hr/> N <hr/> N-S-O-N 2624:8 Nagmalik 2576:22 Namautaq 2682:10 Naqitarvik 2688:9,12,13 2690:2,5 2693:21 narwhal 2641:15 2646:2 2694:1 2698:24,25	2699:21 2701:1 2702:6,21 2703:7,11,17 2704:3 2706:13, 21,24 2707:22,26 2730:3 narwhals 2693:24 2731:11, 19 2732:5 2733:10 Nasook 2577:1 Natalie 2651:22, 24 2653:7 2654:1,3 2658:15,17 2714:24,26 2721:10,12 Natanine 2577:14 2681:25, 26 2682:9 national 2581:15 2667:18 native 2599:7,15 natural 2580:9 2583:1 2700:6 nature 2629:13 navigable 2611:12 Navy 2697:20 necessarily 2665:9 2666:6 2679:11 needed 2640:1,25 2641:23 2642:20 2653:14,23 2693:12 2703:21 negative 2721:22 neglecta 2599:6 negotiated 2641:26 negotiations 2644:16 neighbourhood 2687:12	Network 2583:13,19 Nguyen 2582:24 Ngwa 2579:26 night 2656:6 2717:15 night's 2717:16 nine-tenths 2702:18 2703:25 Ningiuk 2575:12 NIRB 2589:4,9, 11 2590:8,9,10, 23 2591:22 2595:14 2600:21 2603:4 2605:13 2606:7,13 2615:9 2624:2 2647:19, 20 2666:1,11,22 2669:6,8,9 2671:24 2680:22 2681:6,7,12 2698:13 2710:3 2715:12 NIRB's 2590:5, 13 2595:14 2669:12 Noble 2578:22 noise 2628:11,17 2648:17,22 2668:9 2701:1 2702:5,8,13 2703:11 non-inuit 2709:15 2711:5, 12 nonviable 2643:21 normal 2593:4 north 2580:19 2584:4 2586:24 2599:15 2651:16 2652:2 2659:23 2660:4 2662:11, 17 2667:10 2683:12,13,17	2693:4 2703:6 2735:17 2738:22 northern 2568:13 2569:1, 12,17 2570:17 2572:10 2579:7, 9,11,13,15,22 2597:13,19 2599:16 2600:18 2609:12,14 2614:8,10 2616:9,10,13 2617:2,4,9 2638:5 2656:4,10 2657:16 2668:23 2669:3,19,22,25 2671:4,6,12 2680:12,16,18 2689:14,19 2716:23 2717:6 2722:24 2723:1, 19 notable 2734:18 note 2588:18 2599:17 2600:8, 14 2606:9 2610:24 2613:19 2638:7 2649:24 2658:5 2679:9 2714:6 2715:11, 12,21 2731:21 2734:16 noted 2592:10 2611:1,3 2629:23 notes 2610:4,16 2742:6 notice 2594:12 notified 2697:8 notify 2591:4 noting 2719:8 November 2586:9 2639:20 2663:25 2710:5, 14 2726:1,20 2727:14,22	NTI 2710:2 2712:24 number 2593:9, 21,26 2601:17 2604:6 2605:5 2610:17 2618:9 2620:7 2621:1 2622:26 2623:13 2626:20 2632:9 2634:12 2644:17 2647:5 2660:14 2661:2 2685:7,8, 13,26 2686:25 2691:11,16 2692:24 2693:1,7 2694:9 2700:21, 22 2701:13 2702:11,15 2703:26 2704:17 2705:26 2706:26 2707:3 2711:6 2716:15 2719:20 2729:15 2735:22 2736:1,20 2737:3,12,15 2738:19 2739:15 numbers 2633:12 2653:15 2662:17 2682:3, 12 2683:11,24 2685:5 2687:18 2692:23 2700:23 2701:7 2736:8,22 Nunalirijikkut 2574:26 Nunami 2573:24, 25,26 2574:1 Nunavut 2568:21 2569:4 2570:5,6,7,9,16 2571:2,4,9,18,22 2574:7,19 2578:18,20 2581:9,13,16 2583:13,18 2585:4 2593:3 2603:6 2615:11
--	--	--	---	--

2624:4,21 2625:19 2636:8 2637:26 2644:22 2647:4 2649:25 2650:3 2651:10, 12,21,24 2653:10,11,16,26 2654:3,15,24,26 2655:8,15 2656:6,11 2658:15,17,21,24 2659:6 2660:4 2666:14 2671:11, 16,17,22,26 2680:26 2681:10, 17 2683:3 2689:3 2696:24 2707:23 2709:24,25 2710:2 2712:15, 20,21 2713:3,7,8, 10,12,13 2714:13,17,23,26 2715:5,13,14,18 2716:11 2717:5, 20 2720:22 2721:9,12 2722:1 2723:16,22 2724:3 2731:21 2733:23 2738:11 2740:18 Nunavut's 2593:23 2594:5 2652:16 nursing 2628:2 2631:14 Nutarak 2575:26 nutrients 2633:17	2721:10,11,12 O'SOUP 2581:25 oath 2588:10,15 objections 2616:2 objective 2608:14 objectively 2635:22 objectives 2593:13 2608:21 2677:12 2678:13 observations 2632:3,6,13 2655:11 observe 2697:2, 14 observed 2655:12 2691:9 2707:14 observer 2629:19 observing 2641:4,17 obtain 2601:21 occasions 2643:20 occur 2647:13 2658:1,4 2663:10 2701:4 2705:25 2723:11 2732:11 occurred 2663:16 2731:8 occurring 2629:15 2664:4,6 occurs 2632:9 2657:21 ocean 2686:2 Oceanography 2584:9 Oceans 2568:7, 20 2569:8,15 2570:18 2580:12,	22 2584:4 2597:24 2598:1 2601:5,8 2603:16 2605:22,25 2606:4 2608:4,7, 9,12 2612:6,11, 22,24,26 2613:11 2637:25 2643:16, 23 2644:2,9,14, 19,21,25 2645:3, 6 2658:8 2665:3, 8,17,18,21 2678:26 2679:3, 5,9 2690:10 2697:7 2707:7 2717:6 2726:3 2727:25 2728:2 Oceans' 2643:17 2658:10 October 2664:1, 10 2710:5 2726:4,5 2727:21,24 offered 2715:9 offering 2673:17 office 2579:7,10, 12,14,16 2593:24 2687:9,20 officer 2572:7 2574:13,18 2576:21 2581:2 2582:16 2583:3 2594:6 officer's 2594:16 Official 2584:17, 18 2742:15,22 officially 2710:13 offset 2720:4 oil 2580:18 2611:18 oily 2611:9 Okalik 2583:25 2669:8	Olayuk 2688:8, 12 2690:1,5 on-the-land 2637:9 Onalik 2578:21 ongoing 2604:9 2618:6 2620:3 2652:22 2734:5 2738:18 online 2571:22 2572:15 2588:22, 25 2589:5,15 2606:11 2618:1 2654:13 Ootoovak 2576:4 2637:22 2638:6 2643:10,11,12 2647:26 2648:1 2649:6,7,8,19,20, 21 2651:5,6,7 2653:4,5,6 2654:17,20,21 2729:9,10,11 2730:23,24,25 Ootoovak's 2658:19 open 2611:10 2622:24 2628:13 2657:20,24 2671:10 2672:6 2714:19 2723:4 opening 2568:6 2585:1,18,20,22 operate 2642:24 2718:2 operates 2739:5 operating 2574:13 2641:13 2657:24 2691:23 2707:18 2720:17 2729:20 2731:12 operation 2613:20 2618:8 2719:21,23	operational 2646:18 2680:7 operations 2640:24 2642:19 2657:12 2680:9 2707:16,22 2711:14 2717:25 2719:4,6,16 2723:21 operator's 2620:6 opinion 2609:2,5 2652:17 opinions 2597:2 2721:26 opportunities 2713:1,6 2737:26 opportunity 2595:23 2602:13, 15,18 2603:16 2608:23 2614:21 2616:26 2627:16 2674:2 2679:6 2698:13,16 2715:10 2727:7 opposition 2729:6 optimal 2607:12 option 2632:23 2643:20 2693:5 options 2587:12 2647:22 2704:1 oral 2734:22 order 2594:17 2603:1 2604:5 2640:25 2642:20 2645:26 2646:1, 24 2654:7 2659:24 2660:5 2661:12 2662:9 2666:2 2715:2 2716:21 2724:10 orderly 2595:22 ore 2585:8 2598:15 2618:19
---	---	--	---	--

O

O'GRADY

2578:20 2651:22,
23,24 2654:1,2,3
2658:15,16,17
2714:24,25,26

2635:6 2637:2 2684:19 2685:8, 9,12,13 2696:7 2718:8 2725:9,18 2733:18 2739:4, 21,22 organism 2607:21 organization 2568:18,23,24,26 2569:19,23 2570:2,4,5,20 2575:23 2576:1 2587:15 2588:4 2636:26 2637:11, 22,23 2638:2,3,4, 20,23,25 2643:10,13 2644:22 2647:3, 26 2649:6,9,19, 22 2651:5,12 2653:3,7 2654:22 2657:2 2659:3 2661:8 2672:13, 17 2680:14 2681:22,24 2682:8,10,17 2684:3,4,7,25 2685:22 2686:9, 14,15 2687:22,25 2689:6 2692:15 2697:23 2698:7, 8,11 2699:13 2701:16 2704:12 2709:1,23,24 2714:16 2719:14 2727:18 2728:26 2729:5,9,12 2730:15,23,26 2733:6,8 organization's 2587:19 2684:26 2687:4 organizations 2683:12,20 2713:23 2722:10	origin 2611:14 originally 2663:23 2732:24 originate 2599:18 Osbourne 2573:17 Ottenhof 2574:26 2639:8,9 2643:2 2677:26 2678:1,2 2713:18,19,20 2720:12,13,14 outcome 2613:18 outlet 2591:9 outliers 2600:10 outline 2639:4 2723:24 outlined 2639:1 2646:5 Outreach 2571:15 outstanding 2601:2 overhauls 2634:25 overlap 2702:24 oversight 2677:1 overstated 2642:8 overturns 2669:12 overview 2740:16 <hr/> P <hr/> P.J. 2574:24 pace 2596:4 2643:4 2717:25 package 2632:20 2650:25 pages 2630:14 2742:4	paid 2736:18 2737:1,13 Palituq 2577:22 pan-arctic 2599:4 Panamaxes 2740:22 pandemic 2593:3 2738:14 Panel 2571:6,7 2587:3 2591:21 Panel's 2589:23 paper 2598:20 2602:10 2603:17, 18,23 2606:6,9 2698:15 papers 2602:22 Parks 2568:20 2581:4 2637:25 2648:3,5,12,24 2649:1,12,15 2654:15 2656:24, 26 part 2594:16 2604:24 2627:25 2628:20 2639:12 2646:13,14 2648:4 2652:24 2657:5 2663:18 2665:16 2666:22 2676:8 2684:14 2686:10 2698:23 2699:14,20 2703:11 2708:8 2718:26 2719:20 2720:7 part-time 2738:3 partial 2739:9,10 partially 2713:5 participant 2655:24 2656:1 2689:11 2733:26 participants 2587:12,26 2589:10 2591:4,	15 2595:16,21,23 2596:13,17,24 2615:17 2617:15 2619:20 2620:4 2666:5 2689:21 2721:26 participate 2593:10 2674:14 2714:20 2734:3 participated 2713:3 participates 2715:14 participating 2587:4 2588:24 2589:12,15 2590:4 2597:5 2602:26 2651:2 2671:24 2683:3, 21 2711:2 2714:2 2718:24 participation 2585:13 2589:18 2596:16 2656:2 2674:5 2713:8 parties 2587:17 2589:13 2591:9 2592:2,7,15,23 2593:18 2595:23 2597:1,5 2602:25 2603:12,22 2606:12 2615:15, 25 2616:1 2617:20 2625:22 2632:24 2638:9 2643:14 2652:25 2674:1,10,13 2689:9 2715:10, 23 2718:1,24 2719:5 2727:4 parties' 2596:20 parts 2659:11 2703:4 party 2588:12 2720:1	pass 2602:9 2603:2 2612:3 2623:12 2672:11, 19 2691:12 2736:11 2739:26 passed 2636:6 passing 2608:24 past 2618:18 2635:6,8 2691:17 2694:5 2696:5,23 2740:4 Patel 2582:13 path 2681:3 2703:2 patience 2635:14 patient 2587:12 2596:18 Paton 2575:1 patterns 2627:5 2660:6 Paul 2669:7 pause 2596:8 2610:8 2668:8 2675:10 Pawley 2580:6 pay 2736:20 payment 2691:8, 10 2692:14 payroll 2737:1 PCA-02 2648:4 Pelletier 2573:13 pending 2605:12 Penney 2572:6 2676:2 people 2593:26 2608:11 2694:8 2695:3,15,18 2696:12 2717:26 2725:10 2726:11 2734:14 2735:15 2736:2 2737:9 percent 2739:12 percentage 2620:26
--	---	---	---	---

perfect 2602:18	2670:21 2680:9	2693:8 2702:1,5	2693:12 2738:11	2652:12 2653:15
perfectly	2684:16 2685:9,	2705:17 2718:13	2740:7	2655:14 2700:12
2629:26	15 2686:10	2720:6,9 2726:4	pointed 2628:11	populations
performing	2691:6 2693:16	2731:17,22	points 2678:4	2700:13
2644:4,11	2705:16,22	2732:2	2703:10 2735:6	port 2609:4
2645:13 2646:25	2706:5 2708:22	places 2735:19	Policy 2580:7	2657:22 2685:11,
period 2631:14	2712:25 2713:4	plan 2602:1	2583:10 2584:6	14 2703:3
2633:14 2658:1	2719:6,20	2604:12,13	polluted 2685:24	2719:18 2725:6
2660:8,24	2720:3,4,26	2607:14 2609:6,	pollution 2611:8	Portfolio 2575:3
2684:26	2721:21 2722:12	10 2610:3,15,25,	2685:25	portion 2587:14
periods 2628:4	2725:7,12	26 2611:1,3,24	polychaete	ports 2600:18
2631:12	2727:2,19 2729:7	2613:11,12,17,	2601:20,26	position 2640:9
permafrost	2730:20 2732:11,	18,19 2614:5	pond 2568:15	2643:22 2711:24
2667:12,21	21 2733:9 2734:1	2631:15 2646:21	2571:18 2575:18,	2730:19 2736:18
permits 2708:5	Phil 2602:8	2675:17 2677:3,6	19,20,22 2585:10	2737:10,13
persist 2648:14	2603:2 2604:1,3	2679:26 2680:8	2586:3 2587:4,5,	2738:3 2741:1
person 2588:15	2605:26 2606:2,	2693:19 2708:10,	8 2588:21 2589:7	positions
2589:13 2595:22	22,23,24 2608:8	11 2725:16	2593:12 2594:2,	2721:25 2736:19
2694:15,16	2627:12,13,14	2731:5,7,16	15 2617:23,25	possibility
personnel	2630:22,25,26	2733:18	2618:4,8 2619:4	2622:7 2700:24
2610:20	2699:3,4,5,26	plan's 2613:22	2620:11,14	possibly 2648:6
perspective	2700:2 2701:26	planned 2592:19	2621:18,21	post-collection
2660:21	2702:2,3 2707:20	2701:20,22	2625:15,22	2607:22
perspectives	Phil's 2606:14	2707:3,12	2626:1,6 2630:7,	post-mitigation
2637:17 2715:16	phone 2585:12	planning 2579:1	10,23 2632:26	2628:16
pertaining	2593:11 2623:4,5	2613:3	2633:3,13,23	post-program
2656:9	2625:14 2634:7,	plans 2646:11,19	2636:25 2637:10	2632:12
Peter 2662:24	9,12 2654:6	2650:17 2652:15,	2657:22 2682:6,	posted 2594:12
2663:1 2665:1,22	phones 2585:16	18 2655:1 2675:4	22 2684:12	2689:17,18
2667:3 2668:20	2596:14	2677:11 2692:5	2685:20,22	potential
2672:8,17	phonetic 2694:23	2704:20 2705:5,	2686:15 2688:11	2589:26 2608:20
2682:18	physical 2627:5	15 2706:6 2708:9	2690:16 2691:5,	2610:21 2615:19
Peter's 2679:7	picture 2619:19	2718:13 2722:13	12,17 2693:20,25	2628:15 2639:19
2680:10	2722:3 2724:22	2724:26 2734:6	2694:2 2695:15,	2645:26 2679:14,
phase 2585:7	piece 2674:1	play 2665:16	18 2696:12,22	21 2680:4
2590:1 2611:5,25	2724:19	played 2708:20	2697:2 2699:24	2702:10 2707:21
2612:20 2613:19	Pikuyak 2576:17	playing 2652:24	2702:22 2717:1,	2708:17 2721:22
2618:7 2628:21	Pittman 2573:2	Plc 2574:3	12 2719:13	2723:11
2636:12 2637:1	Piésold 2573:23	pleasure 2646:7	2725:21 2726:14	potentially
2638:21 2639:2,	2633:8	PM 2592:12,14	2727:15,17	2586:25 2598:13
5,13,17,19	place 2593:2	2656:17,19	2735:2,14,16,25	2664:8
2655:6 2656:12	2602:20 2626:25	point 2595:11	2737:21	practical
2663:18,23,24	2639:24 2640:15	2624:1 2629:5	ponds 2635:1	2660:17
2667:13,16,20	2652:15 2674:18	2637:1 2650:21	population	practice 2594:8
2669:5,11,17	2678:10 2690:15	2683:19 2689:9	2626:25 2627:3	
			2633:13 2651:19	

practices 2593:4 2720:8	2724:18 2730:18 2731:4 2733:3	primary 2626:11,13	2596:18,25 2656:17,19 2673:1 2734:22 2741:14 2742:5	2620:18 2628:22 2632:2 2636:17, 22 2637:4,7 2666:8,21 2674:8 2676:5 2691:9,18 2692:13,16 2693:5,16 2697:19 2698:21 2703:18 2706:20 2708:15 2711:9 2728:17
prayer 2585:18, 20	presentations 2735:13	Primeau 2576:21 2686:21,23 2687:2,6,8 2728:24 2729:2 2730:12,13 2735:8,9,10,13 2738:25,26 2739:1	process 2603:21 2630:3 2639:17 2642:15 2644:15 2651:2 2652:20 2666:1,13 2667:1 2671:10,24 2672:7 2673:19, 24 2674:5 2675:16 2678:7 2681:6 2684:14 2710:11 2711:8 2713:11 2714:3, 13,14 2715:4,6, 13 2718:11,24 2721:17,19,23 2723:8 2733:24, 26 2738:17	progress 2619:17 progressed 2651:1 prohibits 2592:4 project 2579:3 2580:8 2581:2,14 2582:16 2585:8 2586:25 2590:6 2593:16 2599:18 2610:5,17,22 2611:22 2613:21 2626:15 2627:19, 22 2628:5,22 2629:4,8,12 2631:12 2633:26 2636:17 2637:19 2639:22 2640:12 2641:1,3,13 2642:1,14,22,25 2643:21 2644:20, 26 2647:9,17,21 2652:16 2655:4, 10,18 2656:8 2659:9,12,18,24 2660:26 2661:11, 15,22 2662:20 2666:12,17,24 2667:12,15,18,20 2668:3 2669:7,9, 10 2670:13,14, 16,18,21,22 2673:10,11 2674:22 2676:4 2679:13,15 2681:5 2701:5 2705:4,13,23
pre-shipping 2700:13	presented 2633:6,15 2646:16,20 2716:16 2735:14	print 2615:16		
precautionary 2707:15 2734:13	presenting 2601:12 2738:1,4	prior 2606:2 2608:26 2680:8 2704:4 2709:19 2717:23		
predetermined 2677:14	presents 2737:24	priority 2693:7		
predict 2679:14 2701:4	preserve 2604:19 2607:21	Prno 2574:2 2709:17,18,19,21		
predicted 2701:1 2724:8	preserved 2604:20	proactive 2609:5	processed 2607:8	
predictions 2626:22 2628:20, 23 2698:23,25 2699:18,21 2700:25,26 2701:19,21,22 2703:14 2704:19	preserving 2607:15	problems 2696:16 2720:23	processes 2642:13 2708:15 2721:18 2734:4	
pregnant 2726:5	press 2591:7 2688:21	procedural 2591:13 2592:3 2624:22	produce 2681:7	
preparations 2710:11	pretty 2654:6,9 2695:7	procedures 2732:2	produced 2657:13 2671:14 2719:15	
prepare 2591:2	prevention 2611:8	proceed 2598:10 2609:24 2623:24 2625:5 2634:16 2638:13 2643:14 2647:17 2651:8 2657:24 2658:26 2669:4 2670:9,23 2688:2	production 2639:16 2641:5 2643:4 2733:20	
prepared 2636:5 2680:12 2681:23 2729:25	previous 2585:23 2586:5,8 2588:7 2592:4 2593:15 2605:1 2631:14 2690:6 2700:12 2706:15,22	proceeding 2673:24	productive 2597:4 2741:10	
preparedness 2611:16	previously 2588:13 2599:24 2604:26 2605:3 2613:8 2664:24 2680:24 2707:20 2735:14	proceedings 2571:1 2586:6 2588:17,19 2589:3 2590:5,26 2591:5,12,13 2592:4 2593:15 2594:4 2595:4,24	program 2580:14 2582:21 2604:24,25 2605:11 2629:15, 19,23 2632:3,13 2676:5 2691:5,13 2693:2 2697:24 2706:14,18 2707:9 2727:11	
preregister 2589:17	prices 2618:18 2635:6		programs 2581:22 2612:14, 17 2619:11,12	
preregistered 2589:16	pricing 2635:8,9, 10			
presence 2697:16	primarily 2600:5 2626:23			
present 2595:5 2600:18 2611:13, 14 2619:25 2659:19 2660:14 2662:18 2696:25 2729:16,20				
presentation 2649:25 2665:8				

2706:1,3,5,9 2707:8 2708:16, 24 2710:25 2711:13 2713:4, 26 2717:11,23,24 2719:1 2720:16, 19 2721:3,5 2722:21 2723:17, 18,23 2724:1,26 2725:14,17 2727:2,3,6 2729:24 2731:19 2732:20,22,24 2733:13,15 2734:2,12 2735:16,23,26 2736:7 2737:23 2738:1,15,20 2740:8 project's 2716:20 project-level 2651:16,19 2652:1 project-related 2648:11 2652:11 projected 2618:18 projects 2579:7, 9,12,14,15 2580:26 2581:26 2655:12 2659:14 2714:17,21 2718:2 2721:16 projects' 2729:16 prolific 2608:1 promised 2734:11 promises 2732:25 prompted 2705:4 promptly 2595:18	pronounce 2653:19 proof 2643:1 proper 2639:26 2640:15 properly 2638:23 2642:4 2712:2 2726:2 2730:4 proponent 2572:1 2600:15 2610:19 2617:18 2643:19,23 2721:15 2722:11 2734:5,10,26 proponent's 2611:16 2734:22 proponents 2708:24 proposal 2585:7 2590:2,7 2639:19 2640:21 2641:9, 11 2642:1,2 2663:18,23 2669:9,10,17 2685:10 2686:10 2691:20 2706:3 2712:25 2713:4 2715:20 2717:23 2719:6 2722:3,8 2726:21 2733:22 proposals 2715:17 propose 2615:2, 24,26 2636:13 2669:4 2715:4 2723:10,12 proposed 2615:6, 14,20 2629:5 2637:1 2640:23 2641:3,24 2642:13,18 2644:2,10 2645:13 2663:23 2679:13,15,25 2685:7 2702:15,	19 2705:19 2720:26 2721:2 2727:19,23 2734:2 proposes 2640:4 proposing 2727:20 protect 2622:8 protected 2681:5 2723:13 2734:20 protection 2580:17 2656:9 protein 2633:17 protocol 2595:14 protocols 2593:22,25 2594:13,16 prove 2729:14 provide 2587:8 2588:17 2590:3 2591:23 2602:3, 16,19 2605:8 2606:4,6,13 2612:5 2616:1 2621:5,11,17 2622:12,14 2627:12 2630:22 2647:2,5,18 2659:4 2664:12 2674:2 2676:18, 22 2677:5 2679:6,22 2683:1,5,9,25 2689:23 2692:19 2694:9 2704:18 2705:12 2710:9 2712:5 2724:23 2727:8 2729:6 2738:17 2739:4, 10,13,17 2740:1, 6,10 provided 2586:16 2588:19, 24 2595:7 2598:6 2603:14 2605:19 2613:8,16	2622:16 2631:5, 19 2636:17 2644:13,18 2645:16,20 2647:1,14 2655:26 2656:1 2657:4 2658:6,12 2666:15 2672:3 2687:1,19 2689:11,13 2696:22 2700:17 2703:15 2704:21, 24 2710:3 2713:15 2719:5 2724:7 2727:5,17 2736:26 2737:20 2739:10,11,15 2740:5,16 2741:2,6 providing 2591:18 2597:14 2614:5 2637:18 2646:4 2666:9,10 2699:17 Province 2742:8 provisions 2677:16 public 2572:23 2585:24,25 2586:1,2,8,11,20 2587:7 2588:8 2589:10 2591:24 2593:1,5,20,23 2594:16 2670:25 2689:15,18 2710:14 2714:2, 14 2733:24 2741:9 publication 2599:2 publications 2600:23 publicly 2592:1 2606:10,11 Pudluk 2575:11	pupping 2627:4 2628:1 2631:14 purpose 2629:11 2652:13 purposes 2589:14 2604:18 2605:6 2624:17 2741:4 pursue 2689:8 push 2721:3 put 2585:17 2593:2 2605:21 2614:23 2619:8 2621:10,15 2626:7 2646:17 2650:22 2653:8 2674:26 2676:3 2698:14 2706:2 2720:6,8 2723:9 2732:2 2739:18
Q				
Q-STEP 2620:5 Qammaniq 2575:16 Qaqqasiq-taqtu 2577:10 Qaujimajatuqan git 2639:26 2642:3 2665:15, 24 2666:4,6,15, 20 2678:16 2698:17,20 2699:16 2704:25 2705:1,13 2706:8 2708:3 2710:24 2711:4,13,20,25 2712:2 2715:16 2729:22 2734:9 Qaunaq 2577:8 Qazi 2579:13 QIA 2619:13 2633:22 2638:18 2641:9 2676:3				

2678:20 2710:2 2713:5 2714:9 2718:10 2720:20 QIA's 2713:5 Qikiqtani 2568:19 2570:5, 8,15 2574:21,26 2637:24 2638:15, 16,18,26 2639:3, 5,7,9,12,22 2640:5,8,21 2642:16 2650:20, 23 2675:6 2676:13,26 2677:5,9,17,22, 23,25 2678:2 2681:3 2694:10, 11 2708:19 2709:24 2712:21 2713:2,17,20,21 2714:1,7,9,12,18, 21 2717:4,19 2719:1,13 2720:11,14,20 2721:1 2723:15 quality 2582:9, 10,12,13,14,15 2636:4,15 2697:13 quantities 2633:8 Quassa 2576:14 question 2590:11 2599:14 2600:13 2601:14 2602:2 2604:6,12 2605:8 2606:2,17 2608:2 2616:15 2618:8, 12,17,24,26 2619:8,24 2620:15 2624:25 2625:7,10 2626:7 2627:17 2631:2 2633:5,15 2634:19 2635:5, 16 2638:14	2639:5,10 2643:15 2644:7, 12,24 2645:8,9 2646:13,26 2648:4,20 2649:11,16,23 2650:2 2651:9,25 2652:7 2653:1,9, 25 2654:4,7,11, 18,23 2655:20 2656:3,5 2657:2, 3,5 2659:3,7,21, 22,25 2660:1 2661:6,8 2663:9 2665:7,13,22,23, 26 2667:9,14,25 2668:1,12,21 2669:2,26 2673:16 2676:1 2678:3,26 2679:7 2680:10,13,21 2681:2 2682:1, 22,23 2684:22,26 2685:4 2687:5 2688:10,24,25 2690:6,8,12,20 2693:22 2694:14 2695:13 2696:15, 20 2698:1,21,22 2699:7,8 2700:2 2701:14,19 2703:12 2704:15, 22 2709:5,9,16 2710:23 2711:3 2712:4,5 2715:1 2716:11 2717:2, 18 2718:7,14,20 2720:10,15 2721:13 2722:22 2724:17 2725:4, 22,25 2728:3,22 2729:4,11 2730:14 2735:12 2737:19 2738:8 2739:2,18 question's 2710:8	questioning 2592:26 2595:1 2597:22 2598:18 2601:10 2612:10 2614:12 questionings 2608:14 questions 2568:7,9,14,15, 19 2569:5,7,9,11, 13,20,24,26 2570:3,5,14,19 2586:15,17,26 2587:8,16 2588:10,12 2589:24 2591:23 2592:18 2597:9, 11,14 2598:3 2601:2,5,24 2602:9 2604:4 2606:15,26 2608:21 2609:20 2616:7,11 2617:7,19,20 2618:2,4 2622:15,16 2627:26 2636:2 2637:24 2638:9, 12,13 2643:14 2644:6 2645:7 2647:24 2648:3 2658:19 2659:5 2662:25 2665:3 2667:5 2668:1, 22,26 2670:25 2671:1 2672:13, 22 2673:4 2675:24,25 2684:4,9 2686:24 2689:26 2690:3 2694:20 2698:3, 8,12,14,15,17 2699:15,20 2709:10,13,23,26 2710:1,4 2715:21 2717:3 2724:12, 15 2728:25	2730:6 2734:16, 25 2737:21 2739:3 quick 2606:1,14 2704:15 quickly 2645:21 2655:20 2661:15 2720:18 Qujannamiik 2597:15,18 2609:13 2614:9 2616:12 2643:11 2645:2 2648:23 2649:7,20 2651:20 2653:5 2654:20 2656:13 2670:3 2671:5 2672:7 2680:17 2681:19 2699:25 2705:5 2710:15 2722:26 2724:11 2730:24 2731:1 2736:14 Qumuatuq 2571:6 2589:22 quota 2693:23,25 2694:1,3 quotas 2694:9 quote 2601:23 2633:24 quotes 2632:18 quoting 2673:12 <hr/> R <hr/> rail 2581:24 2719:23 2725:8, 17,20 2729:18 raise 2587:24,25 2623:18 2688:21 2698:12 raised 2636:1 2639:24 2672:5 2692:12,14 2722:5	raising 2680:20 range 2598:22,26 2600:11 2661:4 2736:20 rapid 2613:3 rapidly 2695:4, 23 rate 2620:23 2641:5 2643:4,6 2686:26 2737:5 2739:4,5,11 rates 2620:4,8 2627:5 2628:1 2738:10 2740:25 re-assessment 2598:25 re-examination 2600:25 reach 2670:20 2711:9 reached 2630:19 react 2728:9 read 2601:15 2610:18 2611:11 2633:24 2643:18 2646:7 2648:5,12 2651:13 2653:12, 17 2654:25 2655:7 2704:25 readily 2621:9 ready 2622:17 2650:21 2739:8, 21 real 2708:8 2721:5 2735:26 realize 2681:1 realm 2724:9 rearranged 2586:23 reason 2628:3 2632:17 2647:17 2693:21,24 2694:8 2695:12, 22 2736:6
---	---	---	--	---

reasonable 2596:4 2617:5 2728:16 reasons 2639:4 2641:10 2729:6 rebroadcasting 2592:5 recall 2663:17 recap 2586:5 receipt 2612:12 receive 2589:16 2686:18 2687:8, 9,19 2691:7 2739:21 received 2636:26 2639:15 2683:19, 22 2687:11,17 2691:22 2696:6 2708:2 2724:15 2739:9 Receivers 2588:22 receiving 2608:1 2714:20 recent 2598:21 2599:19 2613:23 2633:10 2639:16 recently 2600:1 2663:21,26 2685:6 2694:26 2703:15 2719:18 2727:14 Recinos 2576:15 2672:20,21,24,25 2675:21,22,23 2676:14 2682:24, 26 2683:9 recognition 2702:15 recognize 2603:8 2632:4 2669:7 recognized 2595:8,26 recognizes 2597:1	recognizing 2603:12 2607:12 2630:2 2678:10 recommend 2600:20 recommendatio n 2611:6 2615:3,5 2645:1 2656:7 2666:12,17 2671:12,18,23,25 2672:2 2679:10 2680:3,23 2681:1,8,13,18 recommendatio ns 2590:3 2592:1 2611:4,21,25 2614:4 2645:16, 20 2720:5 2733:5 recommended 2614:24 2645:25 2646:9 recommending 2656:12 reconciled 2669:15 reconsideration 2733:25 reconvene 2615:26 2656:15 reconvened 2586:2 2587:17 reconvening 2592:12 record 2588:13 2589:9 2590:25 2595:6 2602:12 2624:7 2629:19 2631:8,23 2638:7 2650:23 2701:10 2706:25 2741:5 recorded 2600:9 2706:12 recording 2590:19 2591:13 2592:5 2632:11	records 2600:7, 22 2601:19 2622:24 recovery 2652:3 reduce 2627:24 2663:22 2720:5 reduced 2648:8 2702:6 reducing 2702:15 2703:26 reduction 2686:4 2693:25 2702:11 2703:23 redundant 2629:16 2632:21 reexamined 2599:4 refer 2632:15 2658:9 2664:17 2680:4 2688:4 2703:19 reference 2588:3 2606:7 2610:2,14 2673:25 2678:9 2696:22 2732:18 2736:16 referenced 2606:12 2626:26 2630:15 2691:14 references 2632:18 2633:7 referencing 2598:20 2603:18 referred 2626:17 2633:7 2644:16 2657:6 2697:12 2736:8 referring 2598:23 2613:1 2645:14 2664:18 reflect 2615:3 2706:7 regard 2619:14 2620:22 2622:1 2630:11,12	2633:15 2664:3 2699:19,21 2709:16,17 region 2580:15 2599:4 2714:21 2738:22 regional 2579:25 2580:3,24 2581:20,21 2582:8,19,20 2594:5 2655:9, 11,16 2657:23 2659:8 2661:9,25 2662:3,6,18 2692:1,17 2693:2 2701:3 2702:7 2704:3,5 registered 2572:3,14 2574:7,21 2575:18 2576:2, 11,19 2577:4,13 2578:1,13,18 2579:7,19,23 2580:12 2581:4, 19 2582:5,18 2583:1,8,13,22 2584:4 2586:14 2595:1 2597:8 2617:17,21,22 2637:20 2656:22 2662:23 2681:21 2683:2 2689:26 2698:5 2710:19 2712:14 2717:1 2728:23 registry 2586:12 2606:7 2689:15, 18 regular 2613:21 regulations 2611:8 2613:23 regulators 2652:25 regulatory 2610:25 2611:2,	10 2634:26 2723:20 2724:2 rehired 2622:7 rehiring 2622:25 reiterate 2671:8 reiterating 2676:23 reject 2671:20 2681:15 relate 2624:26 2625:9 2736:20 related 2585:8 2627:21 2635:21 2657:8,17 2700:25 2708:16 2710:4 2713:26 2714:3 2730:16, 20 2740:24 relates 2625:11 relating 2602:17 2652:16 relation 2612:20 2613:2 2627:6 2629:21 2669:26 2704:23 relations 2568:13,26 2569:12,16 2570:17 2572:22 2579:22 2597:12, 19 2609:11,14 2614:7,10 2616:8,10,13 2617:1,4,9 2623:15 2638:5 2656:10 2666:26 2668:23 2669:3, 13,19,22,25 2671:3,6 2680:11,15,18 2689:13,19 2717:5 2722:24 2723:1,19 relationship 2618:7 2621:1
--	---	--	--	--

2626:23 2630:16 2633:19 2729:23 relationships 2599:20 relative 2629:19 release 2650:21 released 2592:1 relevant 2611:22 2627:9 2640:23 2642:18 2648:14, 20 2652:23 2657:6,10 relied 2631:10 2712:26 2713:14 relies 2666:1 rely 2673:9 2674:24 relying 2713:5 remain 2733:21 remainder 2664:7 remaining 2585:26 2592:17 2597:10 2598:3 2601:2 remains 2591:16 2593:14 2594:2 remarks 2568:6 2585:1 2586:5 remember 2596:10 remind 2591:20 2596:22 reminded 2588:9 2591:12 reminder 2588:6 2590:20 2597:9 2617:15 remote 2645:25 2679:12 repeat 2586:4 2604:5 2632:22 2712:7	repeatedly 2720:21 rephrase 2699:14 replacement 2635:2 2733:12 report 2590:3 2591:26 2602:3 2603:14 2604:23 2605:4,9,11,13 2623:1,6 2641:15 2666:22 2671:11, 14,15,18 2672:2 2681:7,10,12,18 2695:1 2709:17 Reporter 2584:17,18 2742:15,22 reporters 2591:1 2596:1 reporting 2591:2 2611:15 2612:14, 17 2720:22 reports 2632:11 2646:3,16 2724:7 2737:23 represent 2684:6 2714:8,10 representation 2738:6 Representative 2575:26 2576:16, 17,25,26 2577:1, 8,9,10,21,22 representatives 2586:18,24 2587:7 2590:20 2591:6 2688:19 represented 2714:5 representing 2591:10 request 2611:23 2682:11 2740:18	requested 2605:4 2606:5,13 2687:18 2688:4 2739:17 requesting 2600:25 requests 2595:2 require 2596:6 2641:21 2659:26 2660:2 2676:6 2704:9 2716:14, 22 required 2589:11 2614:6 2634:24 2637:2 2648:10 2659:23 2660:16 2661:1 2728:14 2733:16 requirement 2610:26 2652:22 requirements 2593:6 2611:2,15 2723:24 2733:19 requires 2602:25 research 2584:7 2602:21 2620:17 2660:3 2708:4 2728:5,13 residents 2684:13 2697:2 2710:10 2727:15 Residual 2628:16 Resolute 2578:13,14,15 2585:14 resolved 2665:9, 12 2679:8,10,18 2680:2 resource 2579:24 2581:8,25 2582:3 2639:26 2640:16 2642:4 resources 2574:15 2580:10	2583:1 2622:23, 26 2623:14 2662:6 2734:4,15 2738:17 respect 2586:14 2591:12 2592:18 2594:3 2595:2,3, 17 2612:10,24 2659:6 2661:7 2678:17 2689:10 2703:11,17 2720:20 respectful 2597:4 respects 2640:8 respond 2591:23 2593:2 2602:8,13 2606:15 2610:21 2611:17 2635:15 2645:8 2650:10 2670:3 2680:12 2681:23 2690:26 2699:3 2705:8 2708:17 2712:18 2727:1,13 2739:8 responded 2618:11 2626:14 2653:16 2721:16 2735:1 responding 2605:19 2682:1 responds 2612:4 response 2569:4, 15,16,18,21,22 2601:14 2606:2, 14 2608:8 2609:6,10 2610:3,15,25 2612:3,6 2613:3, 4,11,17 2616:24 2619:11 2622:13, 15 2625:10 2627:12 2629:23 2630:6 2631:5,9, 14 2634:5,19 2640:19 2644:13	2645:21 2648:4 2650:1,17,26 2651:11 2653:16, 21 2654:14,19,24 2655:10,17 2656:5 2657:4 2658:6,10,21 2661:14,15 2667:8 2669:20 2672:1,11 2673:5 2676:13,14,18,22 2678:26 2679:3,7 2680:15 2682:3, 6,13,25 2686:22 2687:21,24 2688:7 2693:11 2702:20 2710:16 2716:10 2728:16 2732:1 2736:11 2737:7,20 2739:10 2740:1, 2,4,11,17 2741:2 responses 2570:7 2587:9 2605:26 2618:24 2636:2 2647:23 2650:14 2656:23 2658:14 2670:25 2674:26 2675:5 2677:14 2678:14 2682:16 2684:24 2687:3 2699:16 2709:12 2710:18 2712:15, 20 2735:11 2737:21 responsibility 2674:12 2714:10 responsible 2595:16 2666:17, 23 2670:20 rest 2667:11 2673:3 2683:11, 20 restated 2699:7 restaurant 2594:20
--	--	--	---	--

restricted 2703:4 2709:8 restriction 2657:11,18 restrictions 2611:8 2628:14 2645:24 2646:9 2648:7,13,16,21 2657:7 2707:16 restrictive 2648:6 result 2596:19,26 2674:16 2701:5 2702:13 2735:17 2738:21 resulted 2734:7 results 2602:4 2621:23 2622:2 2674:9 2727:12 resume 2741:11 retransmitting 2592:6 return 2595:18 reveal 2622:5 revenue 2628:21 reverse 2693:12 reversed 2700:23 review 2571:4,9, 18,22 2585:4,6 2590:6 2593:3 2601:18 2602:13 2603:7 2610:3,15 2613:7,16,21 2615:7,12 2620:3 2623:7 2624:5,21 2625:20 2631:8 2644:23 2647:4 2649:25 2650:3, 20 2652:20 2656:7,11 2663:19 2666:13, 14 2671:11,16, 17,22 2672:1 2681:1,10,17 2689:4 2695:20	2696:24 2706:7 2711:22 2713:11, 12 2714:3,13,17 2715:9,12,13,18 2719:1 2720:23 2723:23 2724:6 2726:9 2727:3 2730:4 2731:21 2733:23 2740:9 reviewed 2568:12 2614:18 2692:10 reviewers 2651:2 reviewing 2586:7 2610:26 2612:13 2614:5 reviews 2695:19 2713:3 revise 2711:22 revised 2663:26 revising 2711:8 revision 2599:23 revisit 2600:21 Rhoda 2590:17 rights 2730:9 2732:22 2733:13 2734:20 ringed 2626:10 2627:19,22 2628:7 2629:6,9, 13,14,20,22 2631:22 2633:26 risk 2600:17 2627:20 2628:26 2680:4 risks 2667:20 River 2568:22 2577:12,14,15, 16,18,19 2585:8 2593:15 2638:1 2640:12 2655:21 2681:24,26 2682:7,8,16,17 2684:11 2695:8, 14 2713:26	2731:23 2732:24 2735:4 2738:20 road 2719:22 2724:21 2725:5, 6,8,10,13,19 roads 2653:21 2655:13 2719:17 2724:25 Robinson 2579:1 robust 2613:10 Roger 2610:11 role 2652:24 2675:4 2708:23 2723:20 roles 2640:2 rolling 2641:6 2642:22 room 2586:22 2587:10 2588:25 2593:12 2594:9, 14,23,25 roots 2699:22 Rouget 2573:18 2602:8 2603:3 2604:1,2,3 2606:22,23,24,25 2627:12,13,14,15 2630:22,25,26 2631:1 2663:5 2699:3,4,5,6,26 2700:1,2 2701:26 2702:2,3 rough 2683:11 roundtable 2586:13,20 2592:21 route 2611:20 2648:15 2657:16, 20 2658:3,5 2685:10,14 2692:5 Roy 2580:1 RPR 2584:18 2742:14	RSA 2701:3 2702:25 2703:5 run 2706:14,17, 19 2707:4 2726:13 2727:20 <hr/> S <hr/> safe 2593:5 2594:11 2667:15 2668:5 2670:16 safely 2593:10 safety 2581:23,24 2583:5 2593:24 2594:11 2611:7 sake 2596:1 2649:1 2654:9 sample 2607:20 2653:18,22 samples 2604:9, 14,19,21 2605:1 2607:2,5,6 sampling 2601:21 2604:17, 18,24,25 2605:6 2607:1,2,4,9,24, 25 sanctioning 2596:26 Sandra 2591:1 2742:3,14 Sangoya 2575:22 2577:19 Sanirajak 2568:25 2569:21, 22 2570:19 2576:19,20 2585:14 2638:3,4 2655:22,23 2686:21,22 2687:22,24 2728:24,25 2729:3 2730:11 2735:7,10 2738:24 2739:1	2741:8 sanitizer 2594:9 satellite 2659:23 satisfactory 2735:1 save 2616:25 scale 2661:25 2662:6 2679:14 2728:15 scared 2686:5,7 2726:13 scheduled 2592:11 science 2580:20, 22 2631:26 2632:8 2701:9 science-based 2666:10,14 Sciences 2573:22 scientific 2602:21 2606:10 2647:15,18 2670:12 Scientist 2581:6 screen 2587:24 2624:9,13 2625:1 Scripps 2584:8 sea 2611:12 2685:24 seal 2581:2 2626:10,15 2627:19,22 2628:7 2629:9, 13,14,20,22 2630:12 2631:3, 22 2633:5,18,26 2726:16,18 2727:10 2728:4, 14 seals 2626:19 2629:6 2630:15 2726:3,4,11,16 2727:2,6 2728:6, 8,11,19 2731:11
--	---	--	---	---

2733:11	segment 2631:8	8	20,21 2685:7,26	significantly
search 2590:11	selected 2692:4	setting 2596:15	2686:1 2694:4	2687:13,17
searching	self-sufficient	2677:12	2702:9,24,26	2738:9
2600:10	2610:23	settlement	shore 2664:20	Sikorski 2599:3
season 2628:13,	sell 2695:6	2707:24	2703:6	silent 2585:17
14 2632:14	selling 2695:3,6	seven-minute	shore-based	2596:15
2645:24 2646:3	send 2602:1	2630:24 2738:25	2706:14	similar 2591:7
2648:17,22	2604:12,14	severely 2709:7	shore-fast	2608:16 2629:13
2657:9,18	2606:16 2607:11	Sewell 2573:3	2664:18	2664:4 2735:17
2663:5,7,10,22,	2740:19	Shafi 2579:11	shoreline	Simon 2684:3
25,26 2664:2,6	sending 2604:9	share 2587:2	2664:20	Simonfalvy
2691:17 2702:23	2607:16	2609:1 2644:21	short 2718:14	2578:26
2703:23,24	Senior 2580:1,4,	2652:10 2666:2,3	shorthand	simple 2636:11
2705:19 2706:17	13 2582:16	2672:6 2711:1	2742:6	simply 2596:24
2707:22 2727:19,	2583:2,26 2584:6	2723:14	shoulder	simultaneous
20,22	sense 2660:9	shared 2602:22	2628:13 2645:24	2588:18 2590:15
seasonal 2737:25	separate 2672:15	2706:8 2736:25	2646:2 2648:17	single 2683:19
2738:3	separator 2611:9	sharing 2597:3	2657:8,18	single-point
seasons 2627:6	September	2728:10	2663:4,7,10	2626:25
2702:12,13	2664:9	sheets 2589:7	2702:12 2703:23,	sir 2665:6
2705:26 2706:22	service 2724:20,	ship 2628:9,16,17	24 2728:7	site 2605:18
2728:7	24 2725:25	2645:25 2648:11	show 2642:26	2622:22 2623:8,
seat 2676:4	Services 2571:12	2686:26 2700:26	2651:19 2653:14,	13,17,20 2711:8
2678:20 2726:22	session 2568:5	2702:10 2733:18	23 2691:19	2718:8 2719:26
seated 2586:25	2569:3 2586:1,22	2739:7,14,19,23	2694:3 2733:13,	2720:2 2725:6,
section 2617:16	2588:8,11	ship-based	15,18	14,19
sections 2632:15	2592:11,13,22	2629:18	showed 2599:3	sites 2599:14
2679:25	2617:17 2709:17	shipped 2684:11	showing 2655:3	2605:3 2660:4
Sector 2583:6	2710:15 2717:13,	shipping 2583:23	2699:23	sitting 2702:26
secure 2593:25	17	2611:7,20 2626:9	shown 2659:11	situation
security 2581:23	sessions 2585:24,	2627:9 2628:10	2722:13	2598:18 2693:11
2583:5 2633:5,	25 2586:9,11,20	2641:5 2643:4	shut 2733:17	six-minute
11,22 2635:21	2589:24 2592:6,	2648:15,19	side 2594:19,23	2653:3 2709:1
2636:1,9,10	19 2672:15	2657:16 2658:3,5	2701:9	six-tenths 2704:1
2637:12,15,16	2710:4,13	2663:22,25,26	sides 2721:19	size 2632:22
2642:6	set 2592:16	2664:2,6 2684:19	sieved 2607:2	2653:18,22
sediment	2595:9,18	2685:14 2699:24	sign-in 2588:22	2661:20,21
2604:25 2607:2,	2647:18 2648:3	2700:17 2703:4	2589:7	sizes 2610:21
18,20	2675:5 2727:22	2705:19,22	signed 2589:8	skill 2742:7
sedimentation	setback 2702:19	2708:10 2725:26	2622:14 2624:13	skills 2636:21
2635:1	2707:23	2727:19,20,22	significant	Slide 2649:24
seeking 2616:16	sets 2722:2	2728:6 2732:5,8,	2633:16 2641:6	2732:18 2733:3
seeks 2618:13	Settingington	11 2733:14,16	2642:23 2650:26	slides 2731:4
Sefsik 2573:14	2573:9 2716:3,7,	ships 2599:18	2673:21 2723:9	
		2600:19 2684:17,		

2733:4 slow 2599:10 2662:13 2683:7 small 2607:18 smaller 2653:18, 22 Smith 2580:23 snacks 2595:17 so-called 2730:5 social 2594:8 2677:1 2736:3 2738:10 socio-economic 2580:3 2590:1 2642:7 2718:26 2738:5 solely 2674:12 solidly 2726:17 Soloman 2672:13 2684:7,8 2685:17 solutions 2575:6, 7 2640:4,6,22 2641:3,24 2642:17 2721:2 Sorckoff 2580:16 sort 2605:14 2626:19 2632:16 2652:7,10 2670:1 2701:8 2704:1 2715:4 2721:18 2722:7 2723:13 sorted 2625:25 sought 2638:19 sound 2588:2,26 2590:18,19 2609:19 2625:3 2627:4 2634:6 2700:6 2706:21 2707:8,26 2725:26 2735:21 sounds 2617:5 source 2600:18 2626:12,16	2633:16 sources 2720:3 south 2667:11 2704:3 southern 2716:23 speak 2587:13, 19,22 2591:16 2595:6,9,23,26 2596:2,3 2623:10,18 2666:26 2670:2 2677:24 2698:21 2701:26 2721:14 2731:2 2733:7 2736:16,17 2737:14 speaker 2587:16, 20 speakers 2572:3, 14 2574:7,21 2575:18 2576:2, 11,19 2577:4,13 2578:2,13,18 2579:8,19,23 2580:12 2581:4, 19 2582:6,18 2583:1,9,14,22 2584:4 2590:23 speaking 2595:22 2598:17 2602:11 2664:23 2718:21 2719:11 speaks 2652:7 Special 2575:2 specialist 2572:24 2575:4,5 2580:2 2581:11 2582:24,25 2583:23,25,26 2584:2,7 2604:8, 9 2607:8,11 specialists 2601:21,26 species 2580:21	2584:1 2598:4, 19,22,24 2599:1, 13,21,26 2600:2, 6,15,18,24 2601:12,13 2604:26 2605:7, 15,17,21 2606:16 2607:10,17,26 2612:20 2613:3, 10 2628:25 2629:26 2631:22 2633:12 2700:8 specific 2587:16 2602:8 2615:6 2631:16 2644:7 2645:11 2646:4 2648:6,22 2657:8,17 2666:21 2670:14 2701:26 2708:9 2723:5 2727:10 2739:17 specifically 2629:7,9 2632:15 2657:5 2673:20 2700:14 2703:24 2704:23 2713:26 2714:11 2719:8 2731:10 2734:19 specimen 2604:11 2607:15, 17 specimens 2598:26 2599:4 2600:8,10,26 2601:22 2602:1 2604:13,17 2606:18 2607:7, 11,19 speculating 2598:18 speculative 2600:4 speed 2628:14 2646:9	speeds 2648:8 2702:7 spell 2624:6 spelling 2624:12 Spencer 2597:16, 17,19 2609:12,14 2614:8,10 2616:9,13 2617:2,3,8 2669:23,24 2671:4,6 2680:14,18 2722:25 2723:1 spend 2637:6 spent 2637:7 2639:2 2692:16 2737:2 spill 2611:15,17, 19 spill-at-sea 2610:3,15,25 2613:17 spills 2610:21 spirit 2597:6 splitting 2734:2 spoken 2620:1,10 2621:17 2622:20 2623:21 2685:16 2691:5 2699:9 2713:9 2717:21 2735:4 2737:16 spraying 2719:18 spring 2648:13, 21 2657:7,10 2664:26 2707:17 squared 2660:15 stacking 2734:2 staff 2571:9,18, 22 2589:4 2590:4,8,9,11,12, 13,21,23 2591:22 2595:8 2714:1 stage 2652:3	2670:23 stages 2631:11 2650:17 staging 2707:26 stakeholders 2646:23 2652:23 2721:24 2722:11 stand 2673:23 2674:17 standard 2604:24 2737:25 2738:5 2739:12 standardized 2598:25 standing 2650:16 2692:9 stands 2708:24 Staniewski 2580:8 Stantec 2573:24, 25,26 2574:1 Star 2634:11 start 2585:16,17 2588:5 2610:9 2627:18 2629:12 2642:3 2645:8 2664:6 2673:17 2680:8 2691:4 2700:4 2702:23 2704:5 2710:22 2727:10 2736:11 started 2696:9,26 2698:25 2699:15 2717:23,24,25,26 2720:17 starting 2585:17 2725:26 state 2596:3 2606:3 2608:25 2656:5 2664:19 2706:21 stated 2643:18,19 2647:12 2655:7 2738:8
--	---	--	---	--

statement 2570:11 2603:20 2612:5 2642:2 2656:13 2716:2,4	2649:1,13,14,15 2656:24,25,26 Stoimenova 2583:10 stop 2719:19 store-bought 2633:19 stored 2607:3,5 stories 2666:3 2670:25 Strategic 2572:9 strength 2661:14 strict 2593:24 strikes 2626:23 2628:9,16 2645:25,26 2702:10 strong 2597:2 2609:2 2675:4 stronger 2661:15 structures 2642:9 studies 2600:14, 16 2640:1,16 2642:5 2665:15 2696:3,4,7 study 2599:3,20, 22 2633:23 2635:22 2657:24 2662:19 2695:21, 25 2696:14 2701:3 2702:7 2704:4,5 2716:20,23 subject 2608:13 2612:18,21 2651:1 submission 2614:24 2629:24 2632:20 2643:17 2645:10,18 2715:7 2740:16 submissions 2647:12 2714:16	2727:16 submitted 2615:3 2703:16 2706:6 2733:22 2734:26 submitting 2603:17 substance 2606:18 substitutes 2633:19 success 2593:20 2620:7 2623:16, 18 successful 2620:9 2640:14 succinctly 2736:5 sudden 2720:17 sufficient 2656:1 2660:24 2679:13 2729:19 suggest 2728:17 2731:24 suggested 2603:9 2635:25 2648:12 2716:14 suggesting 2663:25 2685:9 suggestion 2653:12 suggests 2638:18 2738:8 summarize 2645:21 summary 2631:23,26 2638:17 2701:8 2703:10,17 2715:6,23 2729:6 summative 2619:10,15 2620:17,19 2621:24	summer 2694:5 Superintendent 2581:12 supper 2592:14 supplement 2631:26 supplied 2602:12 supply 2637:5 supplying 2595:15 support 2571:16 2579:11,13 2620:8 2631:21 2637:3,4 2639:2, 5,13,23 2661:24 2667:16,19 2669:5,6,8,10,16 2671:24 2678:20 2685:20 2686:10, 11,18 2692:20 2693:3 2695:1 2701:13 2704:18 2707:7 2725:19 2729:26 supported 2599:19 2636:14 2691:25 2695:12 2701:11 supporting 2704:17,23 supportive 2650:24 supports 2669:17 2685:22 2686:9 supposed 2731:6 Supramax 2740:22 Supramaxes 2740:22 surrounding 2598:12,19 2670:12 survey 2629:16, 23 2659:18	2696:3 2700:20, 22 surveys 2629:9, 11 2646:1 2651:14,18,26 2652:5 2659:8,11 2695:18 2700:12 2704:2 2706:19 2707:5 2728:18 suspended 2625:23 Sustainability 2572:24 Sustainable 2572:18,20 sustaining 2618:11,14 2625:8,10 2634:21,22,23,26 2635:3 sworn 2588:7,14 2619:2 2623:26 system 2590:18 2613:13
<hr/>				
T				
<hr/>				
T-T 2582:24				
table 2568:1 2586:26 2588:23 2727:7				
tables 2650:15 2727:4				
tagging 2700:8				
tags 2590:10,12				
takes 2709:12 2738:13 2739:19				
taking 2712:2				
talk 2634:22				
talked 2695:2 2704:19 2719:9				
talking 2588:5 2608:16				

Tallurutiup 2581:14	2713:3,13,14 2714:2 2732:10	test 2734:21	2730:5 2731:18 2732:7	times 2627:7,8 2636:2 2643:5 2695:14 2728:16 2740:15,21
Tapardjuk 2575:13	technicians 2588:1 2634:12	tested 2641:1 2642:21	Thursday 2592:20 2616:1	timing 2663:20 2740:15
targeted 2601:21 2604:17,18 2605:6 2607:4,9, 24,25 2629:6	technology 2596:19	Tester 2575:21 2617:23,24,25 2618:6 2619:5,6 2620:12,13,14 2621:19,20 2625:16,24 2626:2,3,5 2627:16 2630:8, 9,10 2631:2,7 2633:1,2,3	Tigullaraq 2572:10	Tobin 2582:14
targets 2733:21	Television 2583:13,18	Tester's 2629:24	time 2586:4 2588:4 2590:8 2592:12,15,24 2595:14 2596:6,9 2597:11 2598:16 2600:2 2601:25 2603:18,19 2606:15 2611:20 2616:25,26 2617:10,18 2618:17 2621:12 2625:22 2629:1 2630:1 2631:9 2633:4,14,19 2638:8,10,11 2639:2 2646:6 2651:8 2654:9 2659:19 2660:14, 24 2662:6,18 2668:25,26 2670:8 2671:21 2673:2 2679:23 2681:17 2683:19 2688:14,17 2693:22,24 2694:2,7 2697:1 2698:14 2700:13 2708:6 2709:6,8, 12 2712:7 2722:18 2728:15 2729:19 2731:14 2732:13 2734:1 2737:1 2738:13 2739:6,14 2741:7	today 2585:18 2586:13 2590:14 2592:11 2617:16 2689:15 2696:7 2706:4 2733:7 2734:18 2735:6
TARP 2650:15, 16	tells 2607:26	testimony 2588:17		today's 2592:13
Tasiuqtiit 2636:23 2691:6	temperate 2600:5	thaw 2667:21		tomorrow 2682:4,14 2683:26 2741:11, 12
taxonomic 2598:22 2600:23 2601:19	temporary 2701:2	there'd 2663:6		tonnes 2641:5,7, 13 2643:5 2684:10,19 2685:21 2686:3
TC 2611:22	ten 2630:13 2644:5 2705:21 2740:21	Thibault 2594:4		tool 2650:16 2659:15 2703:20
TC's 2610:25	ten-tenths 2664:21	thing 2702:25		tools 2662:19
team 2580:18 2581:7 2587:21 2623:3,9,13,14, 16,19	tend 2702:21	things 2587:21 2593:7 2622:5 2635:2 2646:17 2662:1 2694:5 2695:9,24 2699:19 2701:9 2707:3 2719:17 2723:26 2724:10 2736:6		top 2587:25
tease 2607:20	Teresa 2603:6 2615:11 2624:4, 20 2625:19 2626:4 2689:3	thought 2690:12 2695:26 2731:15		topic 2612:19 2619:1 2652:21 2658:11 2734:19
tech 2588:2	term 2610:4,16 2611:10 2615:2, 5,20 2618:14 2620:16 2625:8 2634:20 2679:10	thousand 2700:14		topics 2587:16 2734:17
technical 2571:12,13,14,20 2575:21 2576:5 2579:11,13 2582:9,10,12,13, 14,15 2583:20 2587:13 2590:6, 13 2592:18 2603:14 2608:13 2617:17,25 2620:14 2621:20 2625:25 2626:5, 20 2630:10 2631:21 2633:3 2634:18 2652:19 2658:18 2672:20, 25 2682:22 2683:13 2699:11 2701:12,17 2703:16 2704:7, 14,17,23 2709:3	terminal 2626:24	threatening 2733:17		total 2655:24 2687:10
	terms 2594:18 2596:6 2621:16 2631:6,21 2636:11 2644:16 2656:8 2657:17 2660:14 2663:20 2664:11 2673:24 2675:5 2678:9 2700:25 2701:9 2704:19 2710:23 2726:3	three-and-a-half 2731:12		Tote 2725:5,8
	terrestrial 2616:19 2716:16	three-tenths 2657:15		touch 2733:5
	territorial 2627:7	threshold 2646:22		track 2646:24 2677:13 2728:14
		thresholds 2640:18 2650:1,5 2675:5 2677:13, 15 2678:13		Tracz 2579:17
			time's 2709:7	tradition 2595:3
			timeline 2649:10	traditional 2636:6,13,20
			timelines 2595:17	trained 2610:20
			timely 2613:24 2733:1	training 2619:10, 12 2620:4,5,6,9,

18 2621:25 2711:7 2738:17, 18 transcribed 2742:6 transcript 2590:26 2591:3 2742:1,5 transcripts 2586:11 transfer 2611:18 2636:20 2637:8 transit 2645:24 2648:7,13,21 2657:7,13,18 2702:17 2707:16 transiting 2611:19 transits 2657:23, 26 2658:1 2702:11,16 2703:23,26 2707:20 translates 2677:7 transparency 2673:20 transparent 2612:16 2672:7 2733:2 transport 2568:9 2581:19 2609:17, 18,20 2610:1,2,4, 12,14,16,24,26 2611:4,6,21,23 2612:24 2613:15, 22,25 2614:2 2637:2 transportation 2655:4 transported 2685:21 trapper 2713:23 2714:15 trappers 2568:18,23,24,26	2569:19,23 2570:2,4,12,20 2575:23 2576:1, 11,23 2577:3,7, 13,17 2578:1,3,6, 8,10,16 2636:25 2637:11,21,23 2638:1,3,4,19,22, 24 2643:10,12 2644:22 2647:3, 26 2649:6,8,19, 21 2651:5,11 2653:3,6 2654:21 2657:1 2659:2 2661:7 2672:12, 17 2680:13 2681:22,24 2682:8,10,17 2684:2,4,7,24,25 2685:22 2686:8, 13 2687:4,22,24 2689:5 2692:15 2693:23 2697:22, 26 2698:6,8,11 2699:12 2701:15 2704:11 2708:26 2709:23 2716:5, 18 2722:10 2727:18 2728:26 2729:5,9,12 2730:15,23,25 2733:6,8 travel 2702:9 travelling 2586:19 2685:26 2702:7 treatment 2734:7 tremendous 2715:19 trigger 2650:16 triggered 2629:2 2731:26 triggers 2730:5 2731:18 2732:8	trouble 2589:3 2590:21 troubling 2641:4 trucks 2719:22 true 2674:11 2718:23 trust 2640:12,25 2641:2 2642:16, 20 2729:13 TSD-03 2632:16 TSD-24 2630:13 2631:19 TSD-3 2704:26 Tucktoo 2584:12 2590:16 Tulugarjuk 2583:16 Tunngavik 2570:6,7 2574:7, 19 2709:24 2712:15,20 2713:3,13 Tunngavik's 2713:8 Tunraluk 2575:10 turn 2585:16 2587:13,19,20,21 2592:20 2596:2, 14 2597:12,22 2601:1 2609:16 2614:12 2625:2 2677:17 2682:19 2738:21 turning 2708:7 type 2602:16 2660:3 types 2602:21 2635:2 2640:22 2641:24 2642:17 2661:24 typical 2738:10 typically 2660:6 2661:1 2664:5	2707:6 <hr/> U <hr/> Udloriak 2736:11,14 Udlu 2736:13 ultimately 2740:7 unable 2592:7 2604:16 2609:1 2689:21 unbiased 2619:19 uncertain 2734:14 uncertainty 2700:5 2728:8 2730:16 2731:24 2732:19 undermined 2734:3 undermines 2729:23 understand 2624:25 2625:7 2634:20 2635:26 2644:2,10 2645:12 2646:17 2655:19 2657:3 2679:14,23 2685:19 2711:12, 17 2724:22 2725:24 2728:12, 14 2737:9 2740:3 understanding 2607:17 2615:18 2616:17 2637:18 2646:20 2651:15 2652:1 2667:26 2714:12 understands 2608:12 understood 2641:14 2690:7	2696:21 2705:25 2709:14 2711:4 2719:7 undertake 2633:25 2647:5 2734:4 undertaken 2601:17 2626:10 undertaking 2707:5 underway 2591:25 unescorted 2657:23 unfortunate 2638:12 Unger 2583:2 unionized 2737:11 unique 2714:10 Unit 2581:9,12, 13,17 Uniuqsaraq 2574:18 University 2604:15 unknown 2700:11 unloading 2740:25 unmute 2634:11 unmutes 2588:2 unproven 2720:26 unresolved 2592:18 2730:17 2733:3,7 unusually 2630:2 unwilling 2592:8 up-to-date 2600:22 update 2611:3,24 2673:24 2683:5 2687:18 2731:6
---	---	--	--	---

updated 2599:23
2613:22 2643:17
2645:10,18
2689:10,12
2706:6 2711:21
2715:7

updates 2613:18
2614:6 2683:9

urge 2603:16

urgent 2641:21

useable 2706:16

V

valuable 2707:10

van 2573:19

vanished 2686:5

variability
2635:6 2701:6

variance 2739:12

vary 2671:20
2681:15

varying 2674:5

vast 2728:5

venues 2713:24

VERBAL 2630:6
2634:5 2676:14

Vergara 2576:7

Veronica
2590:17

version 2706:1

vessel 2611:19
2626:23 2637:2
2648:10 2702:6

vessels 2614:24
2645:26 2657:23
2691:11,17
2707:18,25
2740:22,26

vessels' 2707:15

viability 2618:7,
19,20 2635:7
2644:15,19,26
2645:1 2647:2,7,

9

viable 2733:21

vibrate 2596:15

Vice 2572:8

2574:11,25
2576:6

Vice-president
2572:18

Vidal 2584:17
2591:1 2742:3,21

video 2590:18
2595:24

view 2613:1
2635:24 2722:7

viewpoint 2642:5

views 2596:23
2597:4 2670:24
2710:12 2722:1

Vigna 2580:7

viridis 2598:14
2599:5,13,25
2600:5,12,17
2607:7 2609:3,7

visitors 2725:14

volume 2682:19

W

wage 2695:11
2738:9

wages 2737:9,24
2738:1,5,7,21

wait 2595:7,19

waiting 2587:13
2702:23,25

Wallace 2574:1

Walsh 2580:4

wanted 2647:21
2680:20 2690:6
2694:26 2715:21
2723:4 2724:13

warming
2667:10

warning 2592:23
2630:24 2653:3
2675:11 2709:1
2728:20 2732:6,
12 2738:25

warrant 2648:21

washroom
2594:21

washrooms
2594:19

watch 2605:21

water 2582:12,
13,14,15 2595:15
2611:9,10,12
2612:25 2628:14
2657:20,24
2685:24 2724:3

watering
2719:17

ways 2632:9
2647:14 2711:6
2719:11 2721:2
2724:11 2728:18

wear 2591:7

wearing 2590:10
2594:7

wears 2635:3

week 2591:14
2592:3 2638:17
2703:16

weeks 2730:2

welcomes
2591:18

western 2631:26
2632:8 2666:9
2701:9

whistleblower
2623:4

widespread
2718:8,9

wildlife 2574:17
2579:5 2583:22
2615:21 2636:15,
19 2637:14

2686:2 2691:10
2692:9 2694:10
2695:3 2708:11
2713:4,8,9
2733:12

Williamson-
bathory 2575:2
Wilson 2582:15,
23

win 2709:21

wind 2664:22

winter 2705:22
2706:15

Winterbottom
2573:15

wireni 2599:6

Wise 2723:6

wishes 2587:22

witnesses 2588:6

wondering
2716:11 2729:5
2730:19 2739:16

Wood 2574:3

word 2686:3

wording 2615:23
2677:3

words 2604:19
2626:12 2630:17
2660:19 2662:5
2680:1 2700:20
2723:3,6

wordsmithing
2735:22

work 2609:26
2613:12 2614:4
2616:18 2632:1
2638:26 2639:21
2640:11 2641:3,
23 2642:22
2644:3,11
2650:23,26
2665:24 2674:1,
19 2675:18
2678:8,18,22,23

2693:10 2697:22
2718:1 2721:1
2722:9,15
2723:7,11,17
2729:26 2738:3,
19,20 2740:2,6

worked 2612:15
2643:23 2734:9
2737:4

workforce
2738:7,12

working 2569:5,
7,9,11,13,18
2576:10,12,14,15
2593:17,22
2602:19,24
2603:1,11,25
2605:20 2612:18
2613:14 2616:19
2632:13 2636:23,
24 2643:8,25
2646:17 2662:24,
25 2663:2
2665:1,3 2667:3,
5 2668:20,22
2672:8,16,22,26
2673:6,7,8,18,21,
22 2674:2,3,6,11,
13,17,20,25
2675:12,20,23
2679:1 2682:18,
25 2683:1
2691:6,15
2707:10 2713:2
2716:17 2717:22
2718:1,22,25,26
2719:3,12 2721:6
2722:13,14
2726:8 2727:9,12
2729:23

workshopped
2674:16

workshops
2631:10 2705:17,
24 2711:7
2713:25

world 2583:22
2615:21 2667:11
worm 2598:13,15
2608:15
worms 2608:16
worst 2730:7
worth 2636:22
would've
2700:16
wrap 2592:25
writing 2653:8
2671:25
written 2586:15
2590:3 2592:7
2597:11 2603:20
2614:23 2617:19
2618:24 2629:24
2643:17 2645:10,
18 2647:12
2648:4 2650:2
2657:4 2658:6
2659:7,21 2661:8
2671:11,18,25
2672:1,2 2681:7,
12,18 2686:17
2715:7 2734:25
2737:21 2739:9,
18 2740:5
wrong 2696:13
Wyoming
2573:12,13,14

Y

year 2586:4,10
2588:9 2621:2
2627:7,8 2629:15
2630:2 2641:6,8,
13 2643:5
2673:23 2691:7,
11 2705:21
2706:13,18,26
2707:4 2716:20,
24 2731:9
2735:16 2737:4

years 2642:25
2652:20 2660:8,
15 2661:2
2697:1,21
2698:19 2700:17
2707:1 2729:14
2731:12 2732:4,
15

yesterday
2586:19 2589:23
2592:15 2593:21
2594:4 2598:6,
14,18 2604:22
2631:5 2652:8
2665:14 2681:2
2684:16 2685:6
2690:7,17

young 2695:13
youth 2576:17
2577:1,10,22
2637:9

Yuan 2574:8

Z

Zacharias
2569:26 2694:18,
19,20

zeroed 2628:5

zone 2614:26
2652:6

zones 2659:13

Zoom 2585:12
2587:23,26
2593:11 2622:14