Susan Hunt

From: Terry DeMarco [tdemarco@sympatico.ca]

Sent: Monday, October 07, 2002 12:52 PM

To: Susan Hunt
Cc: Janet Hutchison

Subject: item from DeBeers EA public registry

Ms. Hunt,

Could you please provide me with a copy of the following item listed in the DeBeers public registry:

File folder #5 Item 133

Title/subject: Allocation of government expert reviewers

Sender: MVEIRB Date: October 18/01

Thank you very much.

Terry DeMarco

TS,

Susan Hunt

From: Terry DeMarco [tdemarco@sympatico.ca]

Sent: Tuesday, October 08, 2002 1:13 PM

To: Susan Hunt

Cc: Janet Hutchison

Subject: please fax the same document to another number

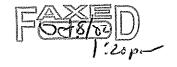
Hello again Susan,

I had been planning to fax a copy of the document that you sent me to Ms. Hutchison's office. However, now that I see the small font, I am concerned that faxing the document a second time will make it pretty difficult to read. Therefore, I was hoping that you could fax the same item (#133) directly to Janet Hutchison at 780-426-1293.

Thank you.

Terry





Box 938, 5102-50th Avenue, Yellowknife, NT XIA 2N7 (867) 766-7050

From:	Susan Hunt	Fax:	(867) 766-7074
Date:	Oct. 8, 2002	Pages:	14 (including cover page)
То:	Janet Hutchison Chamberlain Hutchison	Fax:	(780) 426-1293
		cc:	
Re:	Item 133, De Beers	File #:	
	Public Registry		

MESSAGE:

Hi Janet -

As per Terry's email request of today, please find to follow the list stating the allocation of government expert reviewers for the De Beers Snap Lake EA.

Thank you.

Susan P. Hunt Board Secretary (867) 766-7050 shunt@mveirb.nt.ca

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URI: www.mveirb.nt.ca

483-484	II.planned annual resource extraction rates, reported in carats, and present day Canadian dollars; and,	GNWT	
403-404	Canadian dollars, and,	GIVVI	INAC will
			comment on
	III.the impact of planned extraction rates and total resource extraction over the life of the		the federal
485-486	proposed diamond mine on items II, III, V, VII, VIII, IX, X, and, XIV above.	GNWT and INAC	aspects only.
	De Beers shall provide a detailed summary of its employment commitments, and		
	minimum skill requirements for its predicted labour force, including contract and		
	subcontracted employees. De Beers shall assess the impact of its employment		
488-491	commitments and minimum skill requirements on the labour force in the Northwest	GNWT	
466-491	Territories.	GINVVI	INAC will
	De Beers shall also report how federal and territorial governments intend to, or have		comment on
	committed to assisting De Beers achieve its employment commitments and the impact		the federal
492-495	not securing the intended or committed assistance from governments.	GNWT and INAC	aspects only.
496	2.7.4 Human Health		,
·	The environmental assessment report shall analyze the potential development impacts		
	upon the physical, mental, spiritual and cultural health of employees, their families and		
497-498	communities.	GNWT	
499	2.7.5 Government		
	Assess the impacts of the proposed development on revenues, costs and net income		
	accruing to federal and territorial governments. Report the net incremental benefits or		
	costs to these governments arising from the proposed development. De Beers should also report other fee structures/costs it will incur such as quarry royalties, security		INAC will
	deposits, abandonment, and restoration costs resulting from the proposed		comment on the federal
500-503	development.	GNWT and INAC	aspects only.
		Citti and it is	INAC will
	For clarity, provide a balance sheet or other appropriate accounting presentation of the		comment on
	total present day Canadian dollar value of federal and total territorial finances resulting		the federal
505-506	from the proposed development.	GNWT and INAC	aspects only.
507	2.7.6 Infrastructure		
	Assess the impacts of the proposed development on existing social, institutional and		
	community services, transportation facilities, services, infrastructure (e.g., transportation		
508-510	safety), and permanent changes to the infrastructure and services arising from the proposed development.	GNWT	
511	2.7.7 Noise	GIVVI	
311	Assess the impact of the proposed development on the environment resulting from		
	changes to ambient noise levels, and the effect of these changes on humans and		
512-513	wildlife.	GNWT	
514	2.7.8 Visual and Aesthetic Resources		
	, , , , , , , , , , , , , , , , , , , ,		
			INAC will
F. F. F	and the same and t	No Review	comment on
515-516	components that mitigate visual and aesthetic impacts.	Identified	impacts to land
517	2.8 The Effect(s) of the Environment on the Proposed Development		
	De Beers should assess the effect(s) of the environment on the proposed development,		
	and activities forming part of the proposed development. De Beers should consider the		
	full range of climate conditions (including extreme weather events, wet, dry and normal		
	precipitation and extreme temperature spells) and climate change (e.g. global warming		
	scenarios). The discussion must specifically describe and assess how the potential for		
	climate change, and extremes in current climate could affect permafrost and soils with		
	high ice content in relation to the integrity of the proposed development infrastructure,		
E40 E05	particularly the tailings (processed kimberlite) containment impoundment, water	AII	
518-525	retention dikes, the winter road and waste rock piles.	All	
526	2.9 Cumulative Impact		

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	For the purposes of this development, the environmental assessment should include an evaluation of cumulative effects that are likely to result from the proposed development in combination with other developments; and developments within the regulatory process on the day these Terms of Reference are issued. De Beers shall consider existing forecasting models of cumulative infrastructure development, where such models are available, and can be calibrated to the regional ecosystem encompassing	
527-532	the proposed development. Report the models considered.	All
534-539	De Beers should include, as a minimum, the existing Snap Lake Advanced Exploration Program and other identified developments including but not limited to existing tourism operations in the region, the BHP EkatiTM Diamond Mine (including the expansion), Diavik Diamond project, TM and the Echo Bay Mines TM Ltd. Winter Road, Lupin mine and the proposed Tahara diamond mine. De Beers should also report and describe developments considered but not included in the cumulative effects assessment, and rationale for the decision.	
234-239	De Beers shall explain the likelihood of the proposed development expanding, and any	
541-542	areas of medium to high development potential within the claims block.	INAC GNWT
0-7-1 O-1E	De Beers should provide confirmation that all existing facilities, infrastructure, etc., De	
543-545	Beers plans to use can adequately handle the demands generated by the proposed development. Include cumulative impacts in relation to:	All
		EC, INAC, DFO, NRCan and
546	I.The bio-physical environment;	GNWT
547	II.social environment;	GNWT
548	III.economic environment;	GNWT
549	IV.cultural environment;	GNWT
550	V.heritage resources; and	GNWT
551	VI.visual and aesthetic resources. Explicit documentation of the assumptions, models, information sources used as well as	
EE0 EE7	information limitations and associated levels of uncertainty should support all steps of the cumulative environmental assessment, in the environmental assessment report. The analysis should present data and analyses that are verifiable in nature, and quantitative where data are available. In the absence of verifiable knowledge, best professional judgment or expert opinion (unverifiable) should be used, whether that is	All
553-557 559	from traditional or scientific sources. The approach and methodologies used to identify and assess cumulative effects should be explained.	All
560	be explained. 2.10 Abandonment and Restoration	All
	De Beers should provide a description of regulations (regulatory framework), industry standards and government agreements that are needed with respect to the closure phase of the proposed development including plans for mitigating the social and economic impacts of mine closure. Where regulatory requirements, industry standards or government agreements exist, their minimum standards, criteria, etc. should be	
561-565	reported.	All
	De Beers shall provide a clear (visual and textual) description of the proposed development site at closure, and after restoration. Abandonment & Restoration (A&R), components and activities should be listed. Rationale and alternatives that have been discarded should be listed, e.g., the removal of all material from site versus partial or total burial, including costs. Details of methods and location of materials disposal, both on and off-site, including the structural foundations in the bottom of the mine water	
567-572	clarification pond.	All
573	2.11 Follow-up Programs	
574-577	Describe reporting (feedback) procedures including any proposed monitoring programs. The intent is to ensure that remedial actions are taken if the results of a monitoring program deviate from any established operational standards on environmental performance, or predictions on environmental impacts. De Beers shall describe the approach, objectives and proposed methodologies that will be used in any proposed monitoring program(s).	All
578	2.12 Compensation	
579-581	De Beers should provide key elements of its policy on individual compensation and on compensation agreements, contracts or other forms of compensation they have or will negotiate within the confines of confidentiality.	INAC

582	2.13 Regulatory Regime		
	Provide mapping of the claim block and include a list of authorizations, permits and		
COO CO4	licenses required to undertake the proposed development. Specify short and long-term	A.I.	
583-584	tenure requirements.	All	
585	2.14 Corporate Compliance De Beers shall provide details on ownership of rights and interests in the development,		
586-589	operational arrangements and corporate and management structures should be provided. De Beers shall describe its relevant experience over the last 10 years in mining operations in Canada and in other countries with similar regulatory and social policy regimes concerning the following:	GNWT, NRCan and INAC	Mine Ministry function
590-592	I.record of compliance with government policies and regulations pertaining to environmental protection and socio-economic issues, including details of any corrective measures or penalties imposed by government as a result of significant non-compliance; II.mine safety, major accidents, spills and emergencies, including details of events and	GNWT, NRCan, EC and INAC GNWT, EC and	Mine Ministry function
593	responses;	NRCan	
594-595	III.record in honouring commitments on environmental and socio-economic matters in the event of planned or premature mine closings or change of ownership;	GNWT, NRCan and INAC	Mine Ministry function
596	IV.operations in arctic and subarctic regions; and	GNWT, NRCan and INAC	Mine Ministry function
597-599	V.De Beers shall provide a summary of all corporate policies and programs that bear on the expected environmental and socio-economic impacts of the proposed development including environmental management policies, northern hiring and business participation policies and programs, etc.	GNWT, NRCan and INAC	Mine Ministry function
600	2.15 Presentation		
601	2.15.1 Conformity		
602-604	The environmental assessment report should include a conformity table outlining to reviewers the areas in the report (including appendices and technical reports) that address the specific sections, and where appropriate line items, of the Terms of Reference.		
605	2.152 Format		
606-608	The format of the environmental assessment report is largely left to the discretion of De Beers although reviewers must be able to clearly identify where specific issues have been addressed and directions followed.	All	
609	2.15.3 Appendices		
610-611	Detailed data should be contained in appendices and technical reports submitted in support of the primary environmental assessment report.	All	
612	2.15. Data Presentation		
	De Beers should present the environmental assessment report in the clearest language possible. Where technical language is used a glossary defining technical words and acronyms should be included. De Beers should provide charts, diagrams and maps wherever useful to clarify the text. Where possible, maps should be of common scale and orientation to allow for comparison and overlap of mapped features. De Beers should also provide the EAR report in electronic format (e.g., CD-ROM). Please submit PDF formatted digital files of all documents in sizes suitable for downloading from the		
613-618	Internet.	All	

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		Expert Government	
Numbers	Terms of Reference	Reviewer	Notes
_	Environmental Assessment Terms of Reference for the De Beers Canada Mining Inc.		
1-3	Snap Lake Diamond Project		
4	2.1 Purpose of the Proposed Terms of Reference		
	The Environmental Assessment Report (EAR) will address the following Terms of		
- -	Reference. The EAR will assist the Review Board in understanding the environmental		
5-6	consequences of the proposed development.		
	The ToR describes the Review Board's expectations of De Beers for the use and		
	integration of public consultation and traditional knowledge in the EAR and throughout		
	the EA process. The Review Board has determined what it considers to be the		
	development, and to what extent the interactions between components of the proposed		
	development and the environment will be looked at in the EA. The Review Board also		
	requests that De Beers demonstrate its capacity, ability and commitment to undertake		
8-13	the proposed development in an environmentally, safe and sustainable manner.		
	All public documentation related to this proposed development is available on a public		
	registry file that is maintained by the Review Board. The EAR and all other submissions		
45 40	to the public registry will be used by the Review Board in its decision, reasons for the		
15-18	decision and report of environmental assessment. This EA will be conducted according to Part V of the Mackenzie Valley Resource		
	Management Act (Act). De Beers shall refrain from making any conclusions regarding		
	the significance of impacts on the environment. The Review Board shall make the final		
19-21	determination of significance.		
22	2.2 Public Consultation and Traditional Knowledge		
23	2.2.1 Public Consultation		
	E.E. (1 dono concondition		
	The purpose of public consultation is to provide those who could be affected by the		
	proposed development the opportunity to participate in the environmental assessment.		
	As a minimum, the residents, First Nations and Metis, in Lutsel K'e, Dettah, N'dilo, Fort		
24-26	Resolution, Wekweti, Rae-Edzo and Yellowknife, shall be included.		
	This does not prevent De Beers or the Review Board from including industrial,		
	recreational, environmental, and other individuals, groups and organizations who have		
27-28	an interest in the proposed development.		
	De Beers shall provide regular public notification that it is preparing an EAR and advise the public of opportunities to provide input so that they may be involved in the		
30-31	environmental assessment process.		
00-01	De Beers shall describe its public consultation policies, objectives, programs and		
33-34	activities undertaken and committed to regarding:		
	3		
35	I.methods used to identify, inform and solicit input from potentially interested parties;		
36	II.those who provided comments and input;		
	III.outcomes of consultation including any additional information provided by those		
37	consulted;		
39	IV.concerns identified;		
40	V.differences in views between those consulted;		
	VI.agreements or commitment to agreements with interested participants and/or		
41	communities;		
42	VII.issues tracking; and		:
	VIII.verifiable, documentation of how consultation affected impact prediction and		
43	mitigation, and affected the design of the proposed development.		
45	2.2.2 Traditional Knowledge		
	De Beers shall make all reasonable effort to collect and facilitate the collection of		
	traditional knowledge relative to the proposed development, for integration into the		
40.40	environmental assessment report in collaboration with Aboriginal communities and	No Review	
46-48	organizations.	Identified	
48-49	De Beers shall describe where and how traditional knowledge was used and the effect that it had on predicting impacts and determining mitigation.	No Review Identified	

	Where traditional knowledge is not available, or not provided to De Beers in a timely		
49-51		All	
51-52	Traditional Knowledge is given full and equal consideration to that of western science.	Ali	
	DeBeers shall present both the scientific and traditional perspectives on predicted		
	impacts wherever both types of information are available, and should refrain from		
54-55	weighing the relative merits of predictions	All	
56	2.3 SCOPE OF THE DEVELOPMENT		
	The Review Board is required to provide a scope of development determination according to ss.117(1) of the MVRMA. This section describes what the Review Board		
58-59	considers the scope of the development.		
60	2.3.1 Principle Development		
61	The Principle development is the underground mining of kimberlite ore.		
62	2.3.2 Accessory Development		
02	The accessory undertakings and developments associated with the principle		
63	development include:		
64	2.3.2.1 Mined Rock		
65	I.storage and handling of waste rock;		
66	II.storage and handling of processed kimberlite;		
67	III.processing of the kimberlite ore for the removal of diamonds;		
68	IV.removal of the diamonds from the minesite; and		
69	IV. removal of waste rock, kimberlite and mine water from the underground workings.		
70	2.3.2.2 Water Management		
71	I.storage, handling of mine water;		
72	II.surface water management;		
73	Ill.removal of water from Snap Lake for use at the mine site; and		
74	IV.reintroduction of managed water into Snap Lake.		
75	2.3.2.3 Transport and Surface Structures		
76	Luse of the current Lupin winter road;		
77	II.the winter road spur off the Lupin winter road to the mine site;		
78	Ill.proposed all-weather road to the esker to the south of the development;		
79	IV.airstrip and support infrastructure for air travel;		
80	V.solid waste management and containment areas;		
	VI.surface structures (process plant, power plant, magazines, camp(s), roads, airstrip,		
81	etc.); and		
82	VI.petroleum and chemical storage areas.		
	2.3.2.4 Existing Snap Lake Diamonds Project Advanced Exploration		
	Changes to existing advanced exploration facilities, infrastructure and undertakings needed to accommodate the proposed development. Only include changes not		
	permitted in previous licences or permits. Where De Beers demonstrates that existing		
	Land User Permit(s), Water Licence(s), or other authorizations adequately address	1	
	environmental impacts of the proposed changes in existing infrastructure or		
	undertakings, De Beers is not be required to specifically address those impacts in the		
	scope of development but in the cumulative effects section (4.9 Cumulative Impacts) of	l	
84-90	the environmental assessment.	All	
00.00	For emphasis, developments included in the environmental assessment include, but are		
92-93	not necessarily limited to the following: Decommissioning and, or, modification of the Snap Lake advanced exploration camp		
95-96	including but not limited to the following.	}	
97	Temporary explosive storage building(s) and access roads		
98	Portable crusher and a rock/esker material stockpile		
99	3. Airstrip		
100	Temporary underground contractor facilities	1	
101	Bulk sample process plant		
102	6. Underground bulk sample		
ועב	p. Onderground bulk sample	L	

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	7. Mine portal		
	Processed kimberlite containment area		
	9. Dams to contain the kimberlite containment area		
106	10. Potable water intake and pump house		
107	11. Fuel tanks		
	12. Pilot plant facilities		
	13. Cold storage		
	14. Camp and office complex		
	Development of the Snap Lake Diamond Project.		
113	Explosive storage with associated roads		
	Landfill for non-hazardous solid waste		
115	Portable crusher and a rock/esker material stockpile		
116	4. Mine water clarification pond		
117	Mine water clarification pond discharge point into Snap Lake		
118	Dams to contain mine water clarification pond		:
119	7. Sewage treatment plant		
120	8. Power plant		
121	9. Permanent camp complex		
122	10. Service complex		
123	11. Unheated storage building		
124	12. Process and paste plant		
125	13. Crushed kimberlite ore storage		
126	14. Cement storage		
127	15. Aggregate crushing and batch plant		
	16. Underground crusher		
129	17. Conveyor used to transport diluted kimberlite ore to surface		
130	18. Kimberlite ore stockpile area		
	19. Ventilation points		
	20. Underground mining		
	21. Mine portal		
	22. Fuel tanks		
	23. Potable water intake and pump house		
<u> </u>	24. Mine waste rock haul road		
	25. Propane storage area		
	26. Pilot plan facilities		
<u> </u>	27. Container storage		
	28. Cement storage		
L	29. Lupin and mine access winter road		
<u> </u>	30. Seepage and collection ponds		
	31. Sumps		
	32. Berms		
	33. Quarry and esker excavation areas		
	34. Acid generating rock disposal area		
i I	35. Non-acid generating rock disposal area		
	36. Processed kimberlite disposal area		
	35. Processed kimbernie disposal area 37. Hazardous waste disposal		
1	37. Hazardous waste disposal 38. Site transportation routing		
	39. Contractors lay down area		
	2.4 Related Considerations		
153	2.1.1 Hazardous Materials		
	The risk and potential impacts associated with handling, storing, using, and disposing of hazardous materials forming part of the proposed development, including: Llocation for hazardous or contaminated materials and details on how hazardous	All	
156-157	materials will be managed; and,	All	

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	II. the identification and description of all contaminant sources resulting from the project		
158-159	and their related pathways to the receiving environment.	All	
160	2.1.2 Accidents and Malfunctions		
	Clearly, explain the probability and potential magnitude of an accident and/or		
	malfunction occurring, and the resulting impacts on the proposed development,		
161 160	including the underground workings. Link the outcome of the accident and malfunction		
161-162	probability analysis to consequential impacts to the environment.	All	
162-163	Link the outcome of the accident and malfunction probability analysis to consequential impacts to the environment.	IAII	
164	2.4.3 Closure and Reclamation	All	
101	De Beers shall explain its closure and reclamation approach and to what standards it		
	will reclaim (i.e. stable land forms, revegetation, return to previous ecological		
165-166	productivity?).	All	
	Based on proposed closure and reclamation intentions De Beers shall report the		
	present day Canadian dollar value of reclamation costs associated with the closure and		
	reclamation, including alternative approaches considered, of the proposed development		•
168-170	as reported in section 2.3 Scope of Development.	INAC GNWT	
	2.5 Environmental Assessment Methodology		
	De Beers shall provide information on the environment and how it could be affected by		
	the proposed development. De Beers should also provide a sufficient base for the prediction of positive and negative impacts. De Beers shall demonstrate the extent to		
	which negative impacts may be mitigated and positive impacts augmented by planning,		
	development design, construction techniques, operational practices and reclamation		
172-176	techniques.		
	De Beers will refrain from providing significance conclusions in the EAR report. De		
	Beers shall provide quantitative information to the extent possible regarding the nature		
	of predicted environmental impacts. Where professional or traditional knowledge		
	expertise is applied, an explanation of the soundness of those views shall be		
176-179	provided.[1]The Review Board has the final say on significance.	All	
	Explicit documentation of the assumptions, models, information sources used, as well as information limitations and associated levels of uncertainty should support all steps		
181-182	of the environmental assessment report.	All	
	The analysis should be quantitative where data are available, but where data or models	All	
	are lacking, best professional and, or, traditional knowledge judgment may be used.		
	The approach and methodologies used to identify and assess cumulative effects should		
184-186	be explained.	All	
87	2.5.1Alternatives to Carrying out the Development		
	Include a description of the main development/production/technical alternatives, in		
188-189	particular, those associated with the following:		
190	Louising mothering	NRCan, INAC, and	
	I.mining methods;	GNWT	NIDCon
			NRCan - advice in
			tailings
91	II.waste rock and tailings management;	INAC and NRCAN	management
		INAC, NRCAN and	
92	III.mine water management;	EC	
93	IV.energy production (i.e., diesel generation);	GNWT	
94	V.decommissioning and reclamation;	All	
95	VI.mine production rates;	INAC	
96	VII.employee work schedules;	GNWT	
97	VIII.mine development scheduling; and	INAC	
	IX.employee/worker living conditions e.g. living quarters, leisure facilities, food, visitors,		
98-199	access to outdoors, etc.	GNWT	

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	2.5.4 Impact Description and Predicted Outcomes after Mitigation		
247-248	that could reasonably expect to experience impacts because of the development, including but not limited to, increased traffic volumes or employment and business	GNWT	
242-245	Temporally, De Beers shall assess environmental impacts of the proposed development for all phases of the proposed development including construction, operation, closure and post-closure. Provide sufficient detail to address the relevant impact issues on VEC's over the entire temporal scope of the development. Distinguish between biological, physical, social, cultural and economic parameters. The scope of the assessment for socio-economic variables should include communities	All	
238-240	development for each valued ecosystem component (VEC) selected. De Beers shall provide a discussion of how the "maximum zone of influence of the proposed development for each valued ecosystem component" is determined.	All	
235-236		All	
234	2.5.3 Spatial and Temporal Boundaries De Beers shall explain the rationale for its selection of 'spatial boundaries' (i.e., project		
234		GNWT	
232 233	XII.government revenues, cost; and XIII.social and cultural resources.	GNWT and INAC	
231	XI.infrastructure;	GNWT and INAC	INAC will comment to a limited extent
230	X.employment, education and training;	GNWT	
229	IX.economy;	GNWT	
228	VIII.human health;	GNWT	
225-226	permafrost, soils, and lake sediments; VII.structural geology	EC NRCan and INAC	
225-226	VI.terrain, surficial geology, bedrock geology, seismicity, geological hazards,	NRCan, INAC and	
224	V.vegetation and plant communities;	EC and GNWT	
223	IV.wildlife and wildlife habitat, including migratory birds;	GNWT and EC	
222	III.aquatic organisms and habitat;	DFO and EC	
221	II.surface and ground water quality and quantity;	INAC, EC and NRCan	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
220	I.air and climate;	INAC, GNWT and	INAC to comment on linkages with hydrology
218-219	expected to clearly and succinctly describe the following environmental components, as they relate to the proposed development:		
213-216	environment and its use, as it pertains to the potential impacts of the proposed development. The existing environment includes the resources being extracted over the predicted life of the mine, and contemporary/past land use and occupancy in the region, whether industrial or aboriginal. All existing reports and documents shall be appropriately referenced. De Beers will be	All	
212	2.5.2 Description of the Existing Environment De Beers shall provide a brief and clear textual and graphic depiction of the existing		
209-211 212	De Beers shall discuss alternative water treatment options considered, that can from an engineering standpoint, be used at the Snap Lake project for any mine water, waste rock seepage, or process water that will be discharged into Snap Lake.	INAC GNWT EC and NRCan	
201-207	selecting the preferred option.	as necessary	
	feasible, the economic analysis to determine feasibility should also be summarized and made available to the public. The Review Board may request that De Beers provide, in confidence, all supporting documentation in support of its conclusions. De Beers shall discuss the option of sorting and marketing the diamonds mined at the proposed mine. This should include a clear explanation of the options considered and the reason for	INAC, NRCan and	
	Where alternatives that would mitigate impacts on the environment and, or, enhance the socio-economic performance of the proposed mine are deemed not economically	Ì	

	Describe the direct and indirect impacts resulting from the proposed development, after		
	mitigation. Describe the impacts[1] so that people reading the report can easily		
	understand how De Beers figured out what the impacts would be, how sure De Beers is		
	of its conclusions, and what those impacts mean for future generations in the Mackenzie Valley. Do not provide any conclusions regarding the significance of the		
251-254	impacts.	AB	
231-234	Impacts.	All	
	Information gaps should be identified along with reasonable and suggestions to remedy		
	them. De Beers shall describe each impact identified and the proposed mitigation		
	measures) for all phases of the proposed development (i.e., construction, operation,		
	closure and post-closure). De Beers shall describe planned mitigation measures and		
	consequences (environmental impacts) of potential failure. The residual impacts should		İ
256-260	be described at least in terms of the following parameters.	All	
261	I.magnitude;		
262	II.geographic extent;		
263	III.timing;		
264	IV.duration;		
265	V.frequency;		
266	VI.irreversibility of impacts;		
267	VII.ecological resilience; and		
268 270	VIII.probability of occurrence and confidence level.		
270 271	Distinguish between ecological parameters and social / cultural parameters.	All	
2/1	2.5.5 Environmental Optimization		
	The EAR should report the comparative present day Canadian dollar costs of proposed		
	development alternatives and the corresponding environmental benefits. Any		
	assumptions or uncertainty surrounding implementation of mitigation measures, such as		
	untested technology, will be reported. The reporting of development impacts should		
	provide readers with an easy to understand summary of present day Canadian value	GNWT, NRCan,	
272-276	costs of alternatives and their corresponding future environmental benefits.	INAC, DFO, EC	
277	2.6 Environmental Impacts		
	The environmental assessment report should report impacts resulting from the		***************************************
	proposed development on the physical, biological and social, economic and cultural		
278-279	components of the environment.		
280	2.6.1 Air Quality and Climate		
	Report the impacts of the proposed development on air quality. The analysis should		
	include a discussion of measures considered to minimize the release of air		
	contaminants (dust, particulate exhaust fumes and other air contaminants). Climate		
	should include not only the average or mean values but also the extremes that can be		
201 205	expected. The full range of weather conditions should be investigated. The analysis should also include:	E0 101111	
	ISHORIC AISO RICHOR:	IEC and GNWT	
	I.atmospheric dispersion of emissions on a local and regional scale;	EC and GNWT	
286	I.atmospheric dispersion of emissions on a local and regional scale; II.greenhouse gas emissions including, but not limited to, CO ₂ and CH ₄ , and All green	EC and GNWT	
281-285 286 287-288	I.atmospheric dispersion of emissions on a local and regional scale; II.greenhouse gas emissions including, but not limited to, CO ₂ and CH ₄ , and All greenhouse gas accounting should be done in CO2 equivalent values;		
286	I.atmospheric dispersion of emissions on a local and regional scale; II.greenhouse gas emissions including, but not limited to, CO ₂ and CH ₄ , and All greenhouse gas accounting should be done in CO2 equivalent values; III.acid deposition and impact of the acidic precipitation resulting from release of gasses	EC and GNWT	
286 287-288 289-290	I.atmospheric dispersion of emissions on a local and regional scale; II.greenhouse gas emissions including, but not limited to, CO ₂ and CH ₄ , and All green house gas accounting should be done in CO2 equivalent values; III.acid deposition and impact of the acidic precipitation resulting from release of gasses such as NOx and Sox; and	EC and GNWT EC and GNWT EC and GNWT	
286 287-288	I.atmospheric dispersion of emissions on a local and regional scale; II.greenhouse gas emissions including, but not limited to, CO ₂ and CH ₄ , and All greenhouse gas accounting should be done in CO2 equivalent values; III.acid deposition and impact of the acidic precipitation resulting from release of gasses	EC and GNWT	
286 287-288 289-290	I.atmospheric dispersion of emissions on a local and regional scale; II.greenhouse gas emissions including, but not limited to, CO ₂ and CH ₄ , and All greenhouse gas accounting should be done in CO ₂ equivalent values; III.acid deposition and impact of the acidic precipitation resulting from release of gasses such as NOx and Sox; and IV.impact on biological receptors such as vegetation and wildlife;	EC and GNWT EC and GNWT EC and GNWT	
286 287-288 289-290 291	Latmospheric dispersion of emissions on a local and regional scale; II.greenhouse gas emissions including, but not limited to, CO ₂ and CH ₄ , and All green house gas accounting should be done in CO ₂ equivalent values; III.acid deposition and impact of the acidic precipitation resulting from release of gasses such as NOx and Sox; and IV.impact on biological receptors such as vegetation and wildlife; VI.wildlife;	EC and GNWT EC and GNWT EC and GNWT	INAC will
286 287-288 289-290 291	Latmospheric dispersion of emissions on a local and regional scale; II.greenhouse gas emissions including, but not limited to, CO ₂ and CH ₄ , and All green house gas accounting should be done in CO ₂ equivalent values; III.acid deposition and impact of the acidic precipitation resulting from release of gasses such as NOx and Sox; and IV.impact on biological receptors such as vegetation and wildlife; VI.wildlife;	EC and GNWT EC and GNWT EC and GNWT	comment on
286 287-288 289-290 291	Latmospheric dispersion of emissions on a local and regional scale; II.greenhouse gas emissions including, but not limited to, CO ₂ and CH ₄ , and All green house gas accounting should be done in CO ₂ equivalent values; III.acid deposition and impact of the acidic precipitation resulting from release of gasses such as NOx and Sox; and IV.impact on biological receptors such as vegetation and wildlife; VI.wildlife;	EC and GNWT EC and GNWT EC and GNWT	comment on permafrost
286 287-288 289-290 291	Latmospheric dispersion of emissions on a local and regional scale; II.greenhouse gas emissions including, but not limited to, CO ₂ and CH ₄ , and All green house gas accounting should be done in CO ₂ equivalent values; III.acid deposition and impact of the acidic precipitation resulting from release of gasses such as NOx and Sox; and IV.impact on biological receptors such as vegetation and wildlife; VI.wildlife;	EC and GNWT EC and GNWT EC and GNWT	comment on permafrost conditions,
286 287-288 289-290 291	Latmospheric dispersion of emissions on a local and regional scale; II.greenhouse gas emissions including, but not limited to, CO ₂ and CH ₄ , and All green house gas accounting should be done in CO ₂ equivalent values; III.acid deposition and impact of the acidic precipitation resulting from release of gasses such as NOx and Sox; and IV.impact on biological receptors such as vegetation and wildlife; VI.wildlife; 2.6.2 Terrain	EC and GNWT EC and GNWT EC and GNWT	comment on permafrost conditions, surface
286 287-288 289-290 291	I.atmospheric dispersion of emissions on a local and regional scale; II.greenhouse gas emissions including, but not limited to, CO ₂ and CH ₄ , and All green house gas accounting should be done in CO ₂ equivalent values; III.acid deposition and impact of the acidic precipitation resulting from release of gasses such as NOx and Sox; and IV.impact on biological receptors such as vegetation and wildlife; VI.wildlife; 2.6.2 Terrain The environmental assessment shall provide a detailed description of the ground and	EC and GNWT EC and GNWT EC and GNWT	comment on permafrost conditions, surface materials and
286 287-288 289-290 291	I.atmospheric dispersion of emissions on a local and regional scale; II.greenhouse gas emissions including, but not limited to, CO ₂ and CH ₄ , and All green house gas accounting should be done in CO ₂ equivalent values; III.acid deposition and impact of the acidic precipitation resulting from release of gasses such as NOx and Sox; and IV.impact on biological receptors such as vegetation and wildlife; VI.wildlife; 2.6.2 Terrain The environmental assessment shall provide a detailed description of the ground and permafrost conditions at the site including a description of surface materials and	EC and GNWT EC and GNWT EC and GNWT	comment on permafrost conditions, surface materials and geology, and
286 287-288 289-290 291 292	I.atmospheric dispersion of emissions on a local and regional scale; II.greenhouse gas emissions including, but not limited to, CO ₂ and CH ₄ , and All green house gas accounting should be done in CO ₂ equivalent values; III.acid deposition and impact of the acidic precipitation resulting from release of gasses such as NOx and Sox; and IV.impact on biological receptors such as vegetation and wildlife; VI.wildlife; 2.6.2 Terrain The environmental assessment shall provide a detailed description of the ground and permafrost conditions at the site including a description of surface materials and geology, ground ice content, a description of permafrost configuration including the	EC and GNWT EC and GNWT EC and GNWT EC and GNWT	comment on permafrost conditions, surface materials and geology, and the permafrost
286 287-288 289-290 291	Latmospheric dispersion of emissions on a local and regional scale; II.greenhouse gas emissions including, but not limited to, CO ₂ and CH ₄ , and All green house gas accounting should be done in CO ₂ equivalent values; III.acid deposition and impact of the acidic precipitation resulting from release of gasses such as NOx and Sox; and IV.impact on biological receptors such as vegetation and wildlife; VI.wildlife; 2.6.2 Terrain The environmental assessment shall provide a detailed description of the ground and permafrost conditions at the site including a description of surface materials and geology, ground ice content, a description of permafrost configuration including the	EC and GNWT EC and GNWT EC and GNWT	comment on permafrost conditions, surface materials and geology, and

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299	I.the proposed development's impact on the thermal milieu, including:	NRCan and EC	
	a.impact on permatrost physical conditions (including physical strength characteristics)	150	
300-301	and thermal regime;	NRCan and EC	
202 202	b.impact of modified permafrost temperatures and ground ice conditions underground in	NRCan and EC	
302-303	the mine and above ground on roadway, waste rock piles, etc;		<u> </u>
304	c.impact of thermal erosion in relation to altered drainage;	NRCan and EC	
305	d.impact of ice wedge occurrences beneath containment structures;	NRCan	
306	e.impact of frost heave;	NRCan	
007 000	f.impact of the water content contained in the processed kimberlite deposited in the	NDCon and EC	
307-309	north pile and the potential for pore-water expulsion during freeze back of the pile; and,	NRCan and EC	
310	g.the impact of climate change on the above.	NRCan and EC	
044 040	II.impacts of aggregate use including limitations on volumes of resource material and	NDCon and INAC	
311-312	minimization of terrain disturbance associated with ground ice thaw;	NRCan and INAC NRCan EC and	
040	Ill rook tunes including the chemistry and stability of kimbarlita by products:	INAC	
313	III.rock types, including the chemistry and stability of kimberlite by- products;		
314	IV.seismicity and potential for rock heave;	NRCan NRCan, EC, and	
015 010	V.quantity and sulphuric concentration of potentially acid-generating material and the resulting impacts of acidic generating material;	INAC	
315-316	resulting impacts of actuic generating material,	NRCan, EC, and	
317	VI.acid rock drainage and seepage potential and associated mitigation;	INAC	
317	Vi.aciu 100X drainage and scepage potential and associated minigation,	NRCan, EC, and	
318	VII.impact of remedial actions at the mine site (waste dumps, tailings); and	INAC	
0.0	VIII.impact of quarry development at esker including gravel, sediment, overburden and	NRCan, EC, and	<u> </u>
319-320	aggregate use;	DFO	
	As the North Pile will be the location for the disposal of a variety of materials including		
	solid inert waste, sewage sludge, mine rock and processed kimberlite. Report the		
	impacts on the environment of the interaction of these materials, including long term	NRCan, EC, and	
322-325	management plans for ensuring the stability of the material.	INAC	
	Report the impacts on the environment of the esker quarry south of the minesite.		
	Include information on the timing and amounts of material required over the life of the		
	diamond mine, the size of the esker, extractable quantities, and a quarry management		
327-329	plan suitable for environmental assessment purposes.	INAC	
330	2.6.3 Vegetation and Plant Communities		
331	The EAR should analyze impacts of the proposed development on:		
			GNWT impact
			to vegetatoin as
		ON THE SEC	relates to
332	I.local plant communities (classified as vegetation cover types);	GNWT and EC	wildlife
			GNWT impact
			to vegetatoin as relates to
333	II.rare or highly valued species;	GNWT and EC	wildlife
	India of highly values species,	GITTT AND LO	GNWT impact
			to vegetatoin as
			relates to
334	III.long-term, direct and indirect, habitat loss or alteration; and	GNWT and EC	wildlife
J			GNWT impact
		1	to vegetatoin as
			relates to
335	IV.vegetation productivity.	GNWT and EC	wildlife
336	1.1.1 Water Quality and Quantity		
	The environmental assessment report shall provide an analysis of proposed		
	development impacts on surface and ground waters. Impact conclusions should be the		
	based on predicted water quality of all waste streams and containment ponds		
	throughout the project, including mine water, seepage, surface runoff and collection		
	ponds, process plant discharges, the minewater settling pond and the sewage treatment		
	facility. This analysis should include the impacts on water quality and quantity,	INAC, EC, DFO,	
337-341	catchment areas and permafrost in relation to:	and NRCan	
	Limpacts of underground blasting and its associated residues, in particular, nitrogen,	INAC, EC, DFO	
342-343	nitrate, nitrite and ammonia;	and NRCan	<u> </u>

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		INAC, EC, DFO	<u></u>
344	II.water from underground mine workings and site runoff;	and NRCan	
	a.provide a detailed characterization of geochemical influence on inflowing groundwater from all potential sources, including: mine rock exposed on underground walls, materials temporarily stored underground (muck, ore and /or waste rock); and water released or		
345350	leached from backfill (kimberlite paste, quarried rock concrete and mine rock concrete), particularly with respect to metals, nutrients and major ions.	INAC, EC, DFO and NRCan	
	b.Provide a description of the predicted mine inflows and underground hydrogeology, water handling procedures, water balance predictions and contingencies for potential higher than expected flows, impacts of discharges on the hydrology of the lake and	INAC, EC, DFO	
351-355	water balances for waste water containment facilities including contingencies and excess holding capacities.	and NRCan	
356-357	III.impact on water quantity, including changes in timing, volume and deviation of peak and minimum flows resulting from the development; a.provide a detailed description of predicted mixing zones in Snap Lake for any effluents	INAC, EC, DFO and NRCan	
	discharged from the development. De Beers shall provide its assessment of water quality (metals, nutrients, major ions, process chemicals, bacteria, physical characteristics) within and at the boundaries of the mixing zone and criteria used to	INAC, EC, DFO	
358-362	establish the mixing zone. b.De Beers shall provide a description of the predicted impacts of releases of any effluents, surface runoff and seepages that may be directed to land (include consideration of surface ponding), with particular attention to impact linkages on	and NRCan	
363-367	vegetation, soil and wildlife. Ensure that criteria used to predict impacts are explicit and precautionary.	INAC, EC and DFO INAC, EC, and	
368	IV.impact of treated sewage flows to associated wetlands and downstream waters;	DFO DFO, EC and	
369	V.siltation effects (e.g., runoff along roadways and drainage channels); VI.effects of nutrients on fish and non-fish bearing water sources, including possible	INAC	
370-371	trophic status changes of Snap Lake; VII.dewatering of underground workings and resulting impacts on the water balance,	DFO and EC	
372-373	Snap Lake water level, outflow rates, etc.;	EC and INAC	
374	VIII.impact of development on the water shed;	EC and INAC	
375-376	a.provide a detailed description of the hydrology of the Snap Lake watershed including an overview of the Lockhart River Drainage basin.	EC and INAC	
377-378	IX.impact of the use of berms for waste water containment including impacts of berm materials, berm construction leaching from the berm itself, and seepage through the berm;	NRCan, EC, DFO, INAC	
379	X.water chemistry impacts of surface runoff;	EC, INAC, DFO	
380	XI.effects of processed kimberlite and other tailing stored at the North Pile; and	EC, INAC, DFO	
381	XII.water chemistry impacts of groundwater from underground mine workings on Snap Lake.	EC, INAC, DFO	
383-385	All parameter estimates (e.g. water balance), reported by DeBeers should include tractable, the source of information (either estimates or empirical), assumptions built into the data, and data reporting that includes ranges and confidence estimate for parameters.	NRCan, EC, DFO, INAC	
386	2.6.4.1 Water Balance A water balance should be prepared that incorporates all components of the proposed		
387-388	development under a range of climactic conditions.	EC, DFO, INAC	
389	2.6.4.2 General Water The assessment of proposed development impacts on water quality should also		
390	The assessment of proposed development impacts on water quality should also consider:		NOO
391	I.contaminant loading and dispersion (including surface runoff and airborne contaminants);	EC, DFO, INAC, and NRCan	NRCan, not regarding airborne contaminants
392	II.acid rock drainage, metal leaching and geochemistry; and	EC, DFO, INAC, NRCan	
393	III.kimberlite toxicity and implications for aquatic wildlife.	DFO and EC	
394	2.6.5 Aquatic Habitat		

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	The impacts on aquatic organisms and their habitat should be considered taking into account predicted water quality and quantity impacts and their associated effects on		
395-397	fish, fish habitat, and local drainage patterns. The analysis of development impacts should include:	EC and DFO	
	I.productive capacity of aquatic systems during construction, operations, closure and		
398-399	post-closure;		
400-401	II.impact on all lakes that may experience changes to fisheries resources including, but not limited to Snap Lake and streams associated with these lakes;	DFO	
402	III.habitat loss or alteration;	DFO	
403	IV.rare and/or sensitive fish species and habitat;	DFO	
404	V.mortality (includes fishing);	DFO	
405	VI.impacts of underground blasting on fish and fish habitat on local aquatic systems; and	DFO	
	VII.impacts on all lakes and associated food webs and water use potential that may be		
	impacted by changes in water chemistry (nutrients, bacteria, major ions, metals) due to		
406-408	runoff or discharges from the development.	DFO and EC	
	The environmental assessment report should include an overview of how the DFO,		
	1986 principle of No Net Loss will be achieved during the construction, operation, care		
410-412	and maintenance and closure stages of the proposed development.	DFO	
413	2.6.6 Wildlife and Wildlife Habitat		
	E.O.O. Trading data Prassion indicat		
	The environmental assessment report should provide an analysis of the proposed		
	development's impacts, (both direct and indirect), on wildlife and wildlife habitats,		
	including migratory birds, giving consideration to and demonstrating linkages between		
414-417	predicted physical and biological changes resulting from the proposed development.	GNWT and EC	
	De Beers shall provide its informed view of "ecologically representative areas" in the		
	ecoregion as defined in the NWT Protected Areas Strategy, as may be required for any		
	adequate monitoring of impacts, and report potential impacts by the proposed		
			1
418-420		GNWT	
418-420	development on those ecologically representative areas.	GNWT	
418-420	development on those ecologically representative areas. De Beers shall also give special consideration to species identified in COSEWIC listing		
	development on those ecologically representative areas. De Beers shall also give special consideration to species identified in COSEWIC listing as "Endangered," "Threatened" and of "Special Concern." The analysis of development		
418-420 422-423	development on those ecologically representative areas. De Beers shall also give special consideration to species identified in COSEWIC listing		
422-423	development on those ecologically representative areas. De Beers shall also give special consideration to species identified in COSEWIC listing as "Endangered," "Threatened" and of "Special Concern." The analysis of development should include:	GNWT and EC	
422-423 424	development on those ecologically representative areas. De Beers shall also give special consideration to species identified in COSEWIC listing as "Endangered," "Threatened" and of "Special Concern." The analysis of development should include: I.impact of loss of terrestrial habitat, and the quality of lost habitat for relevant species;	GNWT and EC	
422-423 424 425	development on those ecologically representative areas. De Beers shall also give special consideration to species identified in COSEWIC listing as "Endangered," "Threatened" and of "Special Concern." The analysis of development should include: Limpact of loss of terrestrial habitat, and the quality of lost habitat for relevant species; II.disturbance of feeding, nesting, denning or breeding habitats;	GNWT and EC GNWT and EC GNWT and EC	
422-423 424 425 426	development on those ecologically representative areas. De Beers shall also give special consideration to species identified in COSEWIC listing as "Endangered," "Threatened" and of "Special Concern." The analysis of development should include: I.impact of loss of terrestrial habitat, and the quality of lost habitat for relevant species; II.disturbance of feeding, nesting, denning or breeding habitats; III.wet-land habitat alteration, loss;	GNWT and EC GNWT and EC GNWT and EC GNWT and EC	
422-423 424 425	development on those ecologically representative areas. De Beers shall also give special consideration to species identified in COSEWIC listing as "Endangered," "Threatened" and of "Special Concern." The analysis of development should include: I.impact of loss of terrestrial habitat, and the quality of lost habitat for relevant species; II.disturbance of feeding, nesting, denning or breeding habitats; III.wet-land habitat alteration, loss; IV.physical barriers to wildlife;	GNWT and EC GNWT and EC GNWT and EC	
422-423 424 425 426 427	development on those ecologically representative areas. De Beers shall also give special consideration to species identified in COSEWIC listing as "Endangered," "Threatened" and of "Special Concern." The analysis of development should include: I.impact of loss of terrestrial habitat, and the quality of lost habitat for relevant species; II.disturbance of feeding, nesting, denning or breeding habitats; III.wet-land habitat alteration, loss; IV.physical barriers to wildlife; V.disruption, blockage, impediment and sensory disturbance, of daily or seasonal	GNWT and EC	
422-423 424 425 426	development on those ecologically representative areas. De Beers shall also give special consideration to species identified in COSEWIC listing as "Endangered," "Threatened" and of "Special Concern." The analysis of development should include: I.impact of loss of terrestrial habitat, and the quality of lost habitat for relevant species; II.disturbance of feeding, nesting, denning or breeding habitats; III.wet-land habitat alteration, loss; IV.physical barriers to wildlife; V.disruption, blockage, impediment and sensory disturbance, of daily or seasonal wildlife movements (e.g., migration, home ranges, etc.);	GNWT and EC GNWT and EC GNWT and EC GNWT and EC	
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422-423 424 425 426 427 428-429	development on those ecologically representative areas. De Beers shall also give special consideration to species identified in COSEWIC listing as "Endangered," "Threatened" and of "Special Concern." The analysis of development should include: Limpact of loss of terrestrial habitat, and the quality of lost habitat for relevant species; Il.disturbance of feeding, nesting, denning or breeding habitats; III.wet-land habitat alteration, loss; IV.physical barriers to wildlife; V.disruption, blockage, impediment and sensory disturbance, of daily or seasonal wildlife movements (e.g., migration, home ranges, etc.); VI.rare, vulnerable, threatened or endangered species as outlined in the Canadian Organization of the Status of Endangered Wildlife in Canada (COSEWIC), as well as,	GNWT and EC	
422-423 424 425 426 427 428-429	development on those ecologically representative areas. De Beers shall also give special consideration to species identified in COSEWIC listing as "Endangered," "Threatened" and of "Special Concern." The analysis of development should include: Limpact of loss of terrestrial habitat, and the quality of lost habitat for relevant species; Il.disturbance of feeding, nesting, denning or breeding habitats; III.wet-land habitat alteration, loss; IV.physical barriers to wildlife; V.disruption, blockage, impediment and sensory disturbance, of daily or seasonal wildlife movements (e.g., migration, home ranges, etc.); VI.rare, vulnerable, threatened or endangered species as outlined in the Canadian Organization of the Status of Endangered Wildlife in Canada (COSEWIC), as well as, species of international significance;	GNWT and EC	
422-423 424 425 426 427 428-429 430-432 433	development on those ecologically representative areas. De Beers shall also give special consideration to species identified in COSEWIC listing as "Endangered," "Threatened" and of "Special Concern." The analysis of development should include: I.impact of loss of terrestrial habitat, and the quality of lost habitat for relevant species; II.disturbance of feeding, nesting, denning or breeding habitats; III.wet-land habitat alteration, loss; IV.physical barriers to wildlife; V.disruption, blockage, impediment and sensory disturbance, of daily or seasonal wildlife movements (e.g., migration, home ranges, etc.); VI.rare, vulnerable, threatened or endangered species as outlined in the Canadian Organization of the Status of Endangered Wildlife in Canada (COSEWIC), as well as, species of international significance; VII.direct wildlife mortality;	GNWT and EC	
422-423 424 425 426 427 428-429 430-432 433 434	development on those ecologically representative areas. De Beers shall also give special consideration to species identified in COSEWIC listing as "Endangered," "Threatened" and of "Special Concern." The analysis of development should include: I.impact of loss of terrestrial habitat, and the quality of lost habitat for relevant species; II.disturbance of feeding, nesting, denning or breeding habitats; III.wet-land habitat alteration, loss; IV.physical barriers to wildlife; V.disruption, blockage, impediment and sensory disturbance, of daily or seasonal wildlife movements (e.g., migration, home ranges, etc.); VI.rare, vulnerable, threatened or endangered species as outlined in the Canadian Organization of the Status of Endangered Wildlife in Canada (COSEWIC), as well as, species of international significance; VII.direct wildlife mortality;	GNWT and EC	
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446-449	De Beers shall submit its informed view of "ecologically representative areas" in the ecoregion as defined in the NWT Protected Areas Strategy, as may be required for any adequate monitoring of impacts at a regional scale. Include maps and, or, verbal descriptions of existing and past land and resources uses in relation to the proposed development. For additional clarity, include at least the following land and resource uses:	GNWT, INAC and	INAC will comment on land disposition if required
450	I.rare or ecologically significant areas;	GNWT	
451	II.traditionally significant areas;	No Review Identified	
452	III.seasonal camp areas;	No Review Identified	INAC will comment on land disposition if required
453-454	IV.permanent camp areas, including the Lupin winter Road and maintenance camp at Lockhart Lake; and	GNWT	INAC will comment on land disposition if required
455	V.hunting, trapping, outfitting, recreational, tourism, commercial and sport fishing areas;		INAC will comment on land disposition if required
456	2.73 Economy	GNWT	
457-458	The impact of the proposed development on the economy, having regard to direct, indirect and induced impacts on income and employment. Consideration shall be given to:	GNWT	
450 400	I.wage and salary employment by skills category over the life of the proposed	CANAT	
459-460 461	development, including estimates of northern participation; II.availability and use of skilled workers in the NWT to meet job requirements;	GNWT GNWT	
461	Ill.opportunities for local, regional and territorial businesses to supply goods and	GINVVI	
462-464	services both directly to the proposed development and to meet the demand created by the expenditure of contractors and new employees;	GNWT	
465-467	IV.barriers to employment, advancement, and retention of northern workers, including the training or retraining necessary for sections of the northern workforce to meet De Beers employment standards (i.e. former Con or Giant employees);	GNWT	
468-469	V.opportunities to diversify the northern economic base to produce and to supply new goods and services;	GNWT	
470	VI.barriers to employment;	GNWT	
471	VII.impacts on the subsistence economy;	GNWT	
472	XIII.federal and territorial revenues and costs;	GNWT and INAC	INAC will comment on federal revenues and costs
			INAC will comment on the sustainable economic
473	XIV.economic diversification and sustainable economic development;	GNWT and INAC	development
474	XV.impacts on the national and territorial Gross Domestic Product (GDP);	GNWT	
475	XVI.probability and any effects of employee migration into or out of NWT communities;	GNWT	
476	XVII.local government finances;	GNWT	
477	XVIII.inflation and the cost of living impacts; and	GNWT and INAC	
478 480-481	XIX.economic diversification. De Beers shall, for the diamond resource included within the scope of the environmental assessment, report the following:	GNWT GNWT	
480-481	assessment, report the following: I.the estimated total resource value in carats and present day Canadian dollars;	GNWT and INAC	
702	prine estimated total resource value in darats and present day Canadian dollars;	CINVY I AND INAC	

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Mackenzie Valley Environmental Impact Review Board

Box 938, 5102-50th Avenue, Yellowknife, NT XIA 2N7 (867) 766-7050

From:	Susan Hunt	Fax:	(867) 766-7074
Date:	Oct. 7, 2002	Pages:	14 (including cover page)
To:	Terry DeMarco Chamberlain Hutchison	Fax:	(519) 542-9248
		cc:	
Re:	Item 133, De Beers	File #:	
	Public Registry		

MESSAGE:

Hi Terry -

As per your email request of today, please find to follow the list stating the allocation of government expert reviewers for the De Beers Snap Lake EA.

Thank you.

Susan P. Hunt Board Secretary (867) 766-7050 shunt@mveirb.nt.ca