

PART 1 FORM PROJECT PROPOSAL INFORMATION REQUIREMENTS

For more information about the Nunavut Impact Review Board (NIRB) please visit our web site http://nirb.nunavut.ca/ or to access NIRB documents, project screenings, and project reviews please visit the Nunavut Impact Review Board ftp site http://ftp.nunavut.ca/nirb.

IMPORTANT!

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

SECTION 1: APPLICANT	INFORM	ATION	
1. Project Name CHIDLIAK PROJECT			
2. Applicant's full name and mailing address:			
Shirley Standafer-Pfister, Peregrine Diamonds Ltd.	Phone:	(250) 686-1769	
201 - 1250 Homer Street	Fax:	(604) 408-8881	
Vancouver, BC V6B 1C6	Email:	shirley@pdiam.com	
3. Primary contact's full name and mailing address:			
Shirley Standafer-Pfister, Peregrine Diamonds Ltd.	Phone:	(250) 686-1769	
201 - 1250 Homer Street	Fax:	(604) 408-8881	
Vancouver, BC V6B 1C6	Email:	shirley@pdiam.com	
SECTION 2: AUTHORIZA 1. Indicate all authorizations associated with the proj			
<u> </u>			
Regional Inuit Association (RIA)		adian Launch Safety (CLS)	
Nunavut Water Board (NWB)		ronment Canada (EC)	
Nunavut Planning Commission (NPC) Indian and Northern Affairs Canada (INAC)		ernment of Nunavut (GN)	
Department of Fisheries and Oceans (DFO)		artment of National Defence (DND)	
Community Government & Services (CG&S)	Hamlet Parks Canada (PC)		
Nunavut Research Institute (NRI)		adian Wildlife Service (CWS)	
Indiaval Nescalcii ilistitate (Inixi)		er (please specify):	
` '	I I ∩the	i ibicase specifyi.	
Department of Culture, Language, Elders,	Othe	(1	
	Othe	(
Department of Culture, Language, Elders,	Othe		
Department of Culture, Language, Elders, and Youth (CLEY) 2. List the active permits, licences, or other authoris and their expiry date(s):	sations relat		
Department of Culture, Language, Elders, and Youth (CLEY) 2. List the active permits, licences, or other authoris	sations relat		



	List the <u>pending</u> permits, licences, or ot	her a	uthori	sations related to the project propos	sal:
	N/A Note: Peregrine seeks to renew the Chidli	ole Dre	via at la	nd use permit and water license	
_	orior to their expiry dates.	ak Pic	уест па	nu-use permit and water licence	
	as this project or <u>any components of th</u> IRB?	is pro	<u>ject</u> b	een previously screened or reviewe	ed by
INI	X <u>YES</u> □				
If	YES, indicate the previous project nam	e and	NIRB	File No.	
	Chidliak Project – NIRB #08AN008 (28 Ma				
	18 December 2008) and NIRB #11EA050	(20 F€	ebruary	<u>'2012) </u>	
	SECTION 3: PROJEC	T PR	ОРО	SAL DESCRIPTION	
	dicate the type of project proposal (che See Appendix A for Project Type Definiti		that a	ipply) ^(1,2) :	
1	All-Weather Road/Access Trail		9	Site Cleanup/Remediation	
2	Winter Road/ Winter Trail (already approved)	х	10	Oil and Natural Gas Exploration/Activities	
3	Mineral Exploration + Bulk Sampling (already approved)	х	11	Marine Based Activities	
4	Advanced Mineral Exploration		12	Scientific/International Polar Year Research*	
5	Mine Development /Bulk Sampling		13	Harvesting Activities*	
6	Pits and quarries		14	Tourism Activities*	
7	Offshore Infrastructure (port, break water, dock)		15	Other ⁽²⁾ :	
8	Seismic Survey				
Please	e note:				
1.	All project types listed above, except those submit a Part 2 Project Specific Informati will not be considered complete without the l	ion Re	quiren	nent (PSIR) Form. The NIRB application	
2.	Please be advised that in order to complete at any time during the process.	the NI	RB pro	cess, the NIRB may request additional info	ormatio

3. If "Other" is selected, contact NIRB for direction on whether a Part 2 PSIR Form is required.



2.	If Project Type 3, 4 of being extracted. Ind					ate the	e mineral of intere	est that is
	Base Metals (zinc, cor	oper, go	old, silver	, etc)				
Х	Diamonds (Diamond	iferous	kimber	lite orebodies	are sought. Sele	ected k	imberlites will be bulk	k-sampled).
	Uranium							
	Other:							
3a.	If Project Type 13, 1	4 or 1	5 was	selected abo	ove, complete	the t	able and question	s below.
Т	ransportation Type	Qua	antity		Propose			Length of Use
	Helicopter		1	Use for	r emergencies a	nd cre	w movement.	6-8 weeks
	Twin Otter		1	Sup	oly CH-6 camp	, Disco	overy camp	6-8 weeks
	Skidoos	4/0	amp	Travel with	in camps and to	/from p	oroximal drillsiles	8 weeks
3b	Describe any docks, proposed project acti							
Ca	change: Peregrine se mp (land strip), CH-6 (p). Each camp also ha	Camp	(land st	trip), Sunrise	Camp (winter	ice st	rip) and Aurora Cai	
No und	If a temporary camp s the type and source of change: CH-6 Camp der permit amendment s) for all 4 camps alre mps as required.	and a #3 ar	er for the addition and wate	ne camp site al person-loa r-licence ame	ding at Discovendment #4 in	ery C	camp were screene er 2012. Structures	ed and approved and power (gen
To pe	Personnel tal No. of rsonnel on e = (A) 30 (C	CH-6)		otal No. of ys on-site (B)	35		Total No. of (A) × (B) =1050_	Person days
	40 ([Discov	'.) <u> </u>	-	182	_	7280	
	24 (\$	<u>Sunris</u>	e)		158		3792	
Ì	24 (/	Aurora	a)		(inactive in 20	013)	N/A	
5. Pe	Timing riod of operation: fi	om _	01 Jan	uary 2013 (bi	ulk sample)	to	15 September 20 exploration season)	13 (end of 2013
	oposed term of thorization: f	rom _		ne 2013 (expi Licence, or 		to	01 June 2018 (5 renewed land per licence)	



6a. Region (check all that apply): North Baffin Kivalliq Kitikmeot Transboundary:
X South Baffin National Park
6b. Describe the location of the proposed project activities in a regional context, noting the proximity to the nearest communities and any protected areas.
No change to regional context: Chidliak Project is located on the South Baffin mainland, bounded by Cumberland Sound at the north and Frobisher Bay at the south. Iqaluit is approximately 75km from the southwest corner of the property and Pangnirtung is approximately 133km from the northeast corner of the property. There are no parks or protected areas close by. The kimberlites considered for bulk sampling are within a 16km-diameter area at the centre of the Chidliak claimblock.
6c. Discuss the history of the site if it has been used for any project activities in the past.
Peregrine has conducted exploration under the current water licence and land-use permit since 2008. At present, Chidliak Project is comprised of 852 mineral claims that were staked in 2009 and 2010 within the former Chidliak Prospecting Permits.
6d. Indicate if there are any known archaeological/palaeontological historical sites in the area.
No change from information provided in amendment: There was one registered site on the Chidliak property when Peregrine's first archaeological assessment was conducted in August 2009; to date, 28 new sites have been discovered and registered within the Chidliak property; 1 potential site was discovered in August 2011 by Peregrine personnel and has not yet been visited by the archaeologist; it is 380m NW of CH-7 and is not in danger of disturbance. No sites were found during a 2011 archaeological survey of potential new trails, the CH-6 Camp area, proposed cuttings areas or environs of the kimberlites which might be bulk-sampled.
7. Land Status (check all that applies):
X Crown Commissioners' Municipal Inuit Owned Surface Lands Inuit Owned Sub-Surface Lands
8a. Co-ordinates:
Min Lat (degree/minute) Min Long (degree/minute) 66° 00' 16.98"
Max Lat (degree/minute) 64° 52' 30.96" Max Long (degree/minute) 67° 28' 53.78"
NTS Map Sheet No: 250/15-16; 25P/13; 26A/04-05, -12; 26B/01-03, -06-11, -14-16. (Please ensure that maps of the project are attached (1:50,000 if available, 1:250, 000 Mandatory) available from Natural Resources Canada)
 8b. If the project proposal includes a camp, please provide the co-ordinates of the camp location Existing Camps which Peregrine wishes to retain: CH-6 Camp: 64° 19' 24.76" N. Lat 66° 31' 30.19" W. Long. Discovery Camp: 64° 14' 00" N. Lat 66° 21' 00" W. Long. Sunrise Camp: 64° 14' 13.56" N. Lat 66° 07' 43.38" W. Long. Aurora Camp: 64° 36' 33" N. Lat 66° 34' 36" W. Long.



If different from above for the camp:

NTS Map Sheet No: CH-6 Camp = NTS 26B/07. Discovery and Sunrise Camps = NTS 26B/01.

Aurora Camp = NTS 26B/10.

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

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

SECTION 4: NON-TECHNICAL PROJECT PROPOSAL DESCRIPTION

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

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

<u>IMPORTANT:</u> If the proposed activities require submission of a NIRB Part 2 PSIR Form, please complete Section 8 only, otherwise continue on with Section 5.

SECTION 5: MATERIAL USE

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

Equipment type and number	Size – dimensions	Proposed use

2a. Detail fuel and hazardous material use:

Fuel	Number of Containers and Capacity of Containers	Total Amount of Fuel (in Litres)	Proposed Storage Methods
Diesel			
Gasoline			
Aviation fuel			
Propane			
Other			
Hazardous Materials and Chemicals		Total Amount of Hazardous Materials and Chemicals (in Litres)	



		`			
2b. Describe the propos	ed Spill Prevention Plan.				
3a. Detail the anticipate	d daily water consumption	on rates			
Daily amount (m³)	Proposed water ret methods	rieval	Proposed v	d water retrieval location	
Bb. Have you applied fo	r a water License with the	e Nunavut	Water Board?		
□ Y	ES			NO	
If yes, what class of	licence?				
-	class A Water Licence				
	diass A Water Licence				
	class B Water Licence 6: WASTE DISPOSA				
List the types of was Type of waste	Projected amount generated		roject activities d of Disposal	Additional treatment procedures	
Sewage (human waste)	gonoratoa			procedures	
Greywater					
Combustible wastes					
lon-Combustible astes					
Overburden (organic soil, vaste material, tailings)					
Hazardous waste					
Other:					
2. Describe the propos	ed Waste Management F	Plan.			
SECTION 7:	COMMUNITY INVOL	VEMENT	& REGIONA	L BENEFITS	
List the community meetings if available	representatives that have	e been con	tacted and prov	vide the minutes of the	

Name

Organization

Date Contacted

Community



S	SECTION 8: GENERAL QUESTIONS				
1. Will you be disturbing any	y known archaeological sites?				
□ YES		Х <u>NO</u>			
Please sign and date your app	plication:				
SIP					
	Manager-Reg. & Environ. Affairs	20 June 2012			



APPENDIX A Project Type Definitions

- **Access Trail**: A project proposal with the objective of providing vehicular access to an area of interest involving minimal alteration to the terrain.
- **Advanced Exploration:** A project proposal with the objective of identifying size, grade, and physical characteristics of a mineral occurrence and to assess the economic and technical feasibility of developing the mineral deposit into a producing mine
- **All-Weather Road:** A project proposal with the objective of road construction for use in all seasons.
- **Bulk Sampling:** A project proposal with the objective of extracting of large samples of mineralized material involving hundreds to thousands of tonnes. Samples are selected as representative of the potential mineral deposit being sampled. May involve crushing/milling (on small-scale)
- **Harvesting activities:** A project proposal with the objective of harvesting animals, marine mammals and/or fish from their natural habitats by means of hunting or trapping for traditional and commercial use.
- **Marine Based Activities:** Any activity occurring in the marine environment, such as vessel use associated with land-based activities or disposal at sea.
 - *Please note that normal community re-supply or individual ship movements not associated with land-based project proposals shall not be screened by NIRB (Section 12.12.2 of NLCA).
- **Mine Development:** A project proposal with the objective of extracting broken rock with mineralization of sufficient grade and tonnage to sustain commercial mining operations (ore). Mining a body of ore can be achieved by either open pit and/or underground development. Mine development may involve milling. Milling involves treatment of the extracted ore through a combination of mechanical and chemical processes to selectively recover the valuable mineral.
- **Mineral Exploration:** A project proposal with the objective of exploring an area to find geological anomalies. It involves site reconnaissance (ground and/or air) to locate broad and fiscal mineral deposits.
- **Offshore Infrastructure:** A project proposal with the objective of building off loading facilities constructed off the shoreline and connected to the mainland of the marine or freshwater environment. Examples include a jetty, dock, or port facility.
- **Oil and Gas Exploration/Activities:** A project proposal that includes 1) exploration, such as seismic or geological mapping, 2) drilling of oil and gas wells, 3) construction and operation of a pipeline, a gas processing plant or any oil and gas facility within Nunavut.
- **Pits and Quarries:** A project proposal with the objective of pitting, which involves the extraction of granular material (i.e. sands and gravels) and quarrying, which involves the removal of consolidated rock (i.e. bedrock, frozen soil).
- **Scientific Research:** A project proposal with the objective of implementing a series of site activities comprised of observation of phenomena, measurement and collection of data necessary for scientific investigation in designated areas within a limited time period.
- **Seismic Survey:** A project proposal with the objective of conducting a survey to map the depths and contours of rock strata by timing the reflections of sound waves released from the surface. Survey site locations may be offshore (not within 12 nautical miles of any coast), near shore, and extended onshore.
- **Site Cleanups:** A project proposal with the objective of site cleanups (includes DEW line site cleanups), which focuses on the remediation of chemically contaminated soils, stabilization of landfills and dumps, demolition/disposal of infrastructure and debris and monitoring after cleanup is completed.



- **Tourism Activity:** A project proposal with the objective of conducting travel predominantly for recreational, sport or leisure purposes within a designated area and limited time period.
- **Winter Road:** A project proposal with the objective of building a road for winter use by leveling and compacting surface snow and ice. Winter road is removed at end of season.
- **Winter Trail:** A project proposal with the objective of building a trail for winter use by a single pass of a tracked vehicle using a blade, if necessary.