

# PART 1 FORM PROJECT PROPOSAL INFORMATION REQUIREMENTS

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

#### **IMPORTANT!**

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

	,,		•	,	
	SECTION 1: APPLICANT	INFO	RM	ATION	
1.	Project Name Aston Bay Property (Storm and	Seal Pro	spe	ects)	
2.	Applicant's full name and mailing address:				
	Aston Bay Holdings Ltd.	Pho	ne:	(360) 262-6969	
	Suite 222 – 400 E. Evergreen Blvd.	Fa	X:		
	Vancouver, WA 98660	Em	ail:		
3.	Primary contact's full name and mailing address:				
	Robert L'Heureux (APEX Geoscience Ltd. On				
	behalf of Aston Bay Holdings Ltd.)	Pho	ne:	(780) 439-5380	
	#200 9797 45 Avenue	Fa	x:	(780) 433-1336	
	Edmonton, AB T6E 5V8	 Em	ail:	rlheureux@apexgeoscience.com	
	SECTION 2: AUTHORIZA	ATION	NE	EDED	
	Indicate <u>all</u> authorizations associated with the proj	ect pro	osa	li:	
in F	rogress  Regional Inuit Association (RIA)		٦ and	edian Launch Safety (CLS)	
Χ	Nunavut Water Board (NWB)		Canadian Launch Safety (CLS) Environment Canada (EC)		
X	Nunavut Planning Commission (NPC)		` ′		
X	Indian and Northern Affairs Canada (INAC)		Government of Nunavut (GN)		
^	` ,		Department of National Defense (DND)  Hamlet		
	Department of Fisheries and Oceans (DFO)				
	Community Government & Services (CG&S)			s Canada (PC)	
	Nunavut Research Institute (NRI)			adian Wildlife Service (CWS)	
	Department of Culture, Language, Elders, and Youth (CLEY)		Jule	r (please specify):	
	and rouni (CLET)				



2.	<ol> <li>List the <u>active</u> permits, licenses, or other authorizations related to the project proposal, and their expiry date(s):</li> </ol>						
	Commander Resources Ltd. holds the rights to mineral claims AB 1 – AB 47 (K16471 –						
		(16517) and Aston 1 – Aston 10 (F95596					
		8343 and P-12 - P-17 are held in the na				er.	
		urrent approvals include: AANDC LUP					
		Vater Licence 2BE-ST1015. A new LUP					
	<u>R</u>	enewal/Amendment are currently unde	r app	licatio	n.		
3.		ist the <u>pending</u> permits, licenses, or ot				al:	
	_	he current AANDC LUP N2010C003 is s					
		pplication has been submitted in the na				<u>e</u>	
		roperty. The NWB Water Licence is set					
		enewal/Amendment is currently under			in the name of Commander, which v	vill	
	u	Itimately be converted into Aston Bay's	s nam	ie.			
4.		s this project or <u>any components of thi</u> RB?	is pro	ject b	een previously screened or reviewed	by	
		X YES			□ NO		
	If YES, indicate the previous project name and NIRB File No.						
	The previous project name was the Storm Property. Authorized under AANDC LUP N2010C0003, NIRB File No 10EN013 and NWB Licence 2BE-ST1015.						
	NZUTUCUUUS, NIND FIIE NU TUENUTS AIIU NVVD LICETICE ZDE-STTUTS.						
	SECTION 3: PROJECT PROPOSAL DESCRIPTION						
		<u> </u>			0/12 2 2 0 0 1 1 1 0 1 1		
1.		dicate the type of project proposal (che ee Appendix A for Project Type Definiti		that a	pply) <sup>(1,2)</sup> :		
	1	All-Weather Road/Access Trail		9	Site Cleanup/Remediation		
:	2	Winter Road/ Winter Trail		10	Oil and Natural Gas Exploration/Activities		
	3	Mineral Exploration	X	11	Marine Based Activities		
	_				Scientific/International Polar Year		
•	4	Advanced Mineral Exploration		12	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 <sup>(2)</sup> :		
	8	Seismic Survey					

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



14 was sele			
	ected above, com	nplete the table and quest	ions below.
Quantity		roposed Use	Length of Use
1	Transport equip	ment & personnel	6 weeks
1	Transport equip	ment, personnel, samples.	occasional
•			Coodolonal
1-2		ment and personnel around	6 weeks
s to be estab wer for the c cache. The p amp water ca , a medical to The majority	olished, describe the amp site if application or amp location be drawn. Struent, kitchen, dry, control of the struent	he proposed structures in dable. cation is within one of the lactures for the proposed caroffice, shop, core shack, ge	etail and indicate arge braid bars of np will include nerator housing,
			. of Person days = ~ 504
June		to September	
2015			
valliq	Kitikmeot	<u> </u>	
	1 1-2 3, air strips or s. Please no late fixed wir subsequent dra-tire equiposes to be estable wer for the coache. The pamp water coache. The majority days of a medical transport to tal for the majority days of a medical transport to tal for the majority days of a medical transport to tal for the majority days of a medical transport to tal for the majority days of a medical transport to tal for the majority days of a medical transport to tal for the majority days of a medical transport to tal for the majority days of a medical transport to the medical transport transport to the medical transport transport to the medical transport trans	Transport equipmetc. to/from Ress  1-2 Transport equipmetc. to/from Ress  1-2 Transport equipmed Camp  is, air strips or related structures  is. Please note: the building of late fixed wing aircraft (Twin College Is a subsequent airstrip were choodera-tire equipped fixed wing aircraft equipped fixed wing aircraft (Twin College Is a subsequent airstrip were choodera-tire equipped fixed wing aircraft equipped fixed wing aircraft (Twin College Is a subsequent airstrip were choodera-tire equipped fixed wing aircraft (Twin College Is a subsequent airstrip were choodera-tire equipped fixed wing aircraft (Twin College Is a subsequent airstrip were choodera-tire equipped fixed wing aircraft (Twin College Is a subsequent airstrip were choodera-tire equipped fixed wing aircraft (Twin College Is a subsequent airstrip were choodera-tire equipped fixed wing aircraft (Twin College Is a subsequent airstrip were choodera-tire equipped fixed wing aircraft (Twin College Is a subsequent airstrip were choodera-tire equipped fixed wing aircraft (Twin College Is a subsequent airstrip were choodera-tire equipped fixed wing aircraft (Twin College Is a subsequent airstrip were choodera-tire equipped fixed wing aircraft (Twin College Is a subsequent airstrip were choodera-tire equipped fixed wing aircraft (Twin College Is a subsequent airstrip were choodera-tire equipped fixed wing aircraft (Twin College Is a subsequent airstrip were choodera-tire equipped fixed wing aircraft (Twin College Is a subsequent airstrip were choodera-tire equipped fixed wing aircraft (Twin College Is a subsequent airstrip were choodera-tire equipped fixed wing aircraft (Twin College Is a subsequent airstrip were choodera-tire equipped fixed wing aircraft (Twin College Is a subsequent airstrip were choodera-tire equipped fixed wing aircraft (Twin College Is a subsequent airstrip were choodera-tire equipped fixed wing aircraft (Twin College Is a subsequent airstrip were choodera-tire equipped fixed wing aircraft (Twin College Is a subsequent airstrip were chood	Transport equipment & personnel  Transport equipment, personnel, samples, etc. to/from Resolute Bay to/from Camp  Transport equipment and personnel around Camp  Total No. of the structures to be used in consistency of the structures in describe the proposed structures in describing



Resolute Bay and about 1,500 km northwest of Iqaluit. The property is bounded by latitudes 73°30' N and 73°52.5' N, and longitudes 93°30' W and 95°30' W, and is centred at approximately 73°39' N latitude and 94°20' W longitude

**6c.** Discuss the history of the site if it has been used for any project activities in the past. Exploration work in the area around Aston Bay has been carried out intermittently since the 1960s. Most of the historical work at the Property was undertaken by, or on behalf of, Cominco Ltd. ("Cominco"), Noranda Inc. (now Glencore Xstrata plc) and later Teck-Cominco Ltd. (now known as Teck Resources Ltd.) From 2011 to 2014, work performed on the Storm Property on behalf of Commander Resources (Owner) and Aston Bay (Operator) included an airborne geophysical survey, prospecting, rock sampling, soil sampling, re-sampling of historic diamond drill core and mineral claim staking.

**6d.** Indicate if there are any known archaeological/palaeontological historical sites in the area. **No known archaeological/palaeontological historical sites in the area.** 

7. Land Status (check all	that applies):					
Crown Commissioners' Municipal Inuit Owned Surface Lands						
8a. Co-ordinates:						
Min Lat (degree/minute)	73°30' N	Min Long (degree/minute)	93°30' W			
Max Lat (degree/minute)	73°52.5' N	Max Long (degree/minute)	95°30' W			
NTS Map Sheet No: 58C 10, 11, 13, 14  (Please ensure that maps of the project are attached (1:50,000 if available, 1:250, 000 Mandatory) available from Natural Resources Canada)  8b. If the project proposal includes a camp, please provide the coordinates of the camp location						
ob. If the project propose	ai includes a <b>camp</b> , please	provide the coordinates of t	ne camp location			
Min Lat (degree/minute)	73°38′50″ N	Min Long (degree/minute)	94°23′50" W			
Max Lat (degree/minute)	73°39'50" N	Max Long (degree/minute)	94°30'00" W			
If different from abov	·					
Please ensure that maps of the	e project are attached (1:50,000 if	f available, 1:250, 000 Mandatory)	available from Natural			

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
Trucks		
Tractors		
Dozers		
Dump Truck		
Skidoos		
ATV's		

#### 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		1000000	
Gasoline		1000000	
Aviation fuel		1000000	
Propane		1000000	
Other			
Hazardous Materials and Chemicals		Total Amount of Hazardous Materials and Chemicals (in Litres)	

2b. Describe the proposed Spill Prevention Plan.				

#### 3a. Detail the anticipated daily water consumption rates

Daily amount (m³)	Proposed water retrieval methods	Proposed water retrieval location



3b. Have you applied for a water License with the Nunavut Water Board?							
□ <b>Y</b>	ES		NO				
If yes, what class of	If yes, what class of licence?						
□ <b>c</b>	lass A Water Licence		Class B Water Licence				
SECTION	6: WASTE DISPOSAL	AND TREATMENT	METHODS				
List the types of was	ste associated with the pr	oposed project activities:					
Type of waste	Projected amount generated	Method of Disposal	Additional treatment procedures				
Sewage (human waste)							
Greywater							
Combustible wastes							
Non-Combustible							
wastes							
Overburden (organic soil,							
waste material, tailings)							
Hazardous waste							
Other:							
2. Describe the propos	2. Describe the proposed Waste Management Plan.						
			_				
SECTION 7:	COMMUNITY INVOLV	/EMENT & REGIONA	I RENEFITS				
SECTION 7.	COMMONT	LIVILINI & REGIONA	L BLINLFITS				
List the community representatives that have been contacted and provide the minutes of the meetings if available:							
Community	Name	Organization	Date Contacted				
•							
	<u>I</u>	1	1				



## **SECTION 8: GENERAL QUESTIONS**

Will you be disturbing any known archaeological sites?								
□ YES		X NO						
SEC	SECTION 9: APPLICANT SIGNATURE							
Please sign and date your application:								
Pole 2' Correcere	/							
Signature	Project Manager, Senior Geologist and VP at APEX Geoscience Ltd.  Title	January 14, 2015 Date						



# 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.