

## SUPPLEMENTARY INFORMATION – Can Environmental Assessment Protect Caribou? Analysis of EA in Nunavut, Canada, 1999-2019

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**Table 1: Projects reviewed by NIRB, 1999-2019**

Project Name	Region	Caribou effects listed in FEIS or Project Certificate	Overall impact on caribou	NIRB decision	Current status
<b>Back River (Gold)</b>	Kitikmeot	Habitat loss, sensory (noise) disturbance, disruption of movement, direct and indirect mortality and injury, attraction, exposure to contaminants, and reduction of reproductive productivity.	Not significant	Rejected by NIRB (2016); federal government returned to NIRB for "further review" (2017); approved by NIRB (2017)	Advanced Exploration/ Construction Phase since 2017; Operational phase expected 2019 but delayed
<b>Doris North/Doris Hinge (Gold)</b>	Kitikmeot	Habitat loss, sensory disturbance, changes in migration and calving location, contamination from tailings and other waste, other changes in movement and behavior.	Not significant	Rejected by NIRB (2004); rejection upheld by federal government; re-application (2005); approved (2006)	Limited operations since 2017
<b>Hope Bay Phase 2 (Gold)</b>	Kitikmeot	Habitat loss, disturbance, disruption of movement, attraction to project, direct mortality (collisions), increased access by harvesters; changes in quality of environment.	Not significant	Approved (2018)	Limited operations since 2018
<b>Jericho (Diamond)</b>	Kitikmeot	Interactions with transportation (road and air); impaired movement of herds, noise.	Not significant	Approved (2004)	Operated 2004-2008; dormant since 2012
<b>Kiggavik (Uranium)</b>	Kivalliq	Habitat degradation or loss due to mine infrastructure, death by collision, dust and sensory disturbances, changes to air, soil, and vegetation quality, and changes to movement to and from calving grounds	Not significant	Rejected by NIRB (2015), rejection upheld by federal government (2016)	Not developed
<b>Mary River (Iron)</b>	Qikiqtani	Habitat reduction; sensory disturbances; barriers to movement	Not significant	Approved (2012)	Operational since 2012; proposed expansion triggered a revised EA process in 2018, expansion rejected by NIRB (2022), rejection upheld by federal government (2022)
<b>Meadowbank (Gold)</b>	Kivalliq	Habitat loss, avoidance of foraging habitat in and near areas of human activity, deflection of normal travel routes and energetic costs associated with those changes, and potential health risks from consuming contaminated water.	Not significant	Approved (2006)	Operated 2006-2020; Operations suspended in 2020
<b>Meliadine (Gold)</b>	Kivalliq	Loss or fragmentation of habitat; changes in migration patterns, sensory disturbances, improved access for harvesting by local and regional hunters resulting from the All-Weather Access Road, which may increase mortality of caribou	Not significant	Approved (2015)	Operational since 2019