

Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

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SCIENTIFIC RESEARCH LICENSE

LICENSE # 03 011 21N-M

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TEAM MEMBERS: C. Blouw, D. Schindler, M. Lowdon, C. MacGregor, I. Grady, R. McKillop, S. McCuaig

AFFILIATION: Kivalliq Inuit Association

TITLE: Kivalliq Hydro-Fibre Link Baseline Research

OBJECTIVES OF RESEARCH:

The Kivalliq Hydro-Fibre Link is a renewable energy and broadband internet infrastructure project led by the Kivalliq Inuit Association of Nunavut. The Project's vision is to build a 1,200km high-voltage electricity transmission line, which will connect to over 370km of lower voltage 'feeder' lines to link five communities in Nunavut. The Project will connect communities of the Kivalliq region of Nunavut (Arviat, Baker Lake, Chesterfield Inlet, Rankin Inlet and Whale Cove) to the Manitoba electricity and fibreoptic grids. The Project will be rated at 150 megawatts of capacity and have a fibreoptic bandwidth capacity of at least 1,200 gigabits per second. This will be Nunavut's first infrastructure link to southern Canada and will provide enough power and fibreoptic internet capacity for the Kivalliq region for generations to come. Importantly, the Project will also provide renewable energy and fibreoptic internet to the mining industry in Nunavut allowing for more sustainable operations.

TERMS & CONDITIONS:

The holder of the licence will be bound by the terms and conditions of the Nunavut Impact Review Board Screening Decision Report and the Department of Culture & Heritage archaeological sites terms and conditions. The license holder will abide by all special public health protection measures imposed by Nunavut's Chief Medical Officer of Health in response to the Covid-19 Pandemic, including restrictions on non-essential travel to Nunavut. These terms and conditions will form part of this licence.

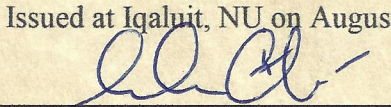
DATA COLLECTION IN NU:

DATES: August 01, 2021-October 15, 2021

LOCATION: Arviat, Baker Lake, Chesterfield Inlet, Rankin Inlet, Whale Cove

Scientific Research License 03 011 21N-M expires on December 31, 2021

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for

Jamal Shirley
Science Advisor

