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Paallavvik Joint research/expedition between Wild Blue Media, Red Bull, University of Glasgow

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ᐃᓚᓂᓪᓴᓄᓪ ᓄᓇᓂᓪᓴᓄᓪ: Scientific Research

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Period of operation: from 0001-01-01 to 0001-01-01

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Additional Information

SECTION A1: Project Info

SECTION A2: Allweather Road

SECTION A3: Winter Road

SECTION B1: Project Info

SECTION B2: Exploration Activity

SECTION B3: Geosciences

SECTION B4: Drilling

SECTION B5: Stripping

SECTION B6: Underground Activity

SECTION B7: Waste Rock

SECTION B8: Stockpiles

SECTION B9: Mine Development

SECTION B10: Geology

SECTION B11: Mine

SECTION B12: Mill

SECTION C1: Pits

SECTION D1: Facility

SECTION D2: Facility Construction

SECTION D3: Facility Operation

SECTION D4: Vessel Use

SECTION E1: Offshore Survey

SECTION E2: Nearshore Survey

SECTION E3: Vessel Use

SECTION F1: Site Cleanup

SECTION G1: Well Authorization

SECTION G2: Onland Exploration

SECTION G3: Offshore Exploration

SECTION G4: Rig

SECTION H1: Vessel Use

SECTION H2: Disposal At Sea

SECTION I1: Municipal Development

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Camp site is 5 km from protected National Wildlife Area. No crew to enter National Wildlife Area. From reports from previous geological survey- some cliff faces have occasional rockfalls. Expert geologist and climbing team will avoid potential flaking faces.

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Potential encounters with Polar Bears. Bear perimeter fence to be used on camp and bear watch to be maintained with experienced guides from Iqaluit and Qikitarjuaq to mitigate risk of close encounters. Guides also to advise on minimally disruptive camping (non harmful biodegradable soaps etc)

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Paallavvik uninhabited. Research site 80km from Qikitarjuaq. Area used for some hunting- local Qikitarjuaq hunters/guides to be employed to advise.

Miscellaneous Project Information

- Human health risk assessment- and Emergency Response Plan. Secret Compass to provide overarching safety advice. 3 ACMG qualified guides on site with First Aid training as well as experienced polar guides and local guides for situational hazard awareness. Evacuation procedures via either helicopter scrambled from Iqaluit, or Twin Otter plane landing on Durban Island. Projected evac time between 8-12 hours. Full risk assessment to be conducted before travel. to meet stringent production insurance checks.

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- Minimal impact via disturbance of flora and fauna from camping. Mitigation via minimally disruptive camping methods e.g. preventing any water course contamination, only staying for 10

days, no permanent structures. Furthermore research limited to 10 days on site- all further processing of samples etc to occur off site. -Plane landing on Durban Island will use pre-existing airstrip. No extra building/disruption of habitat required for landing. -Socioeconomic impacts- positive employment for Qikitarjuaq and Iqaluit residents. COVID risk mitigated by all crew complying with stringent multiple PCR tests, quarantine, and vaccination. Travel plans deliberately created to avoid excess contact between crew and wider community (e.g. at Qikitarjuaq) by direct travel to Paallavvik. -Positive impact via international broadcast of documentary showcasing the beauty of Paallavvik and the region

Cumulative Effects

-Cumulative impact potential- This trip is intended to collect geological samples that can be shared with other research teams, reducing the need for further sampling and further trips. There have been previous research trips to collect suitable samples, but the sample sharing from this trip should negate the need for trips in the near future. - Potential for the documentary to increase interest in travel to Nunavut. This may have both positive socioeconomic effects and potential negative environmental effects. Stressing the importance of flora and fauna in the documentary will hopefully mitigate negatives by prompting more sustainable tourism.

