



December 30, 2019

Nunavut Water Board
15 Stone Marker Road
Gjoa Haven, Nunavut
X0B 1J0

Dear Board Member:

This letter is to confirm that the Meteorological Service of Canada (MSC) at Environment and Climate Change Canada (ECCC) owns and operates the Automatic Weather Station (AWS) located at Lupin Mine.

From the center of the runway, Lupin CS is positioned approximately 230 metres east. The coordinates are 65.755562N 111.24574W.

The MSC capital assets installed at the station include instruments that measure and process temperature, relative humidity, wind, total precipitation, rainfall, pressure and snow on ground. In-person intervention is regularly required to ensure that these capital assets remain safe for sustained service. Preventive maintenance is planned and performed annually. In order to perform their maintenance activities, MSC technicians access the site by aircraft utilizing the runway.

Lupin CS is a valued station among national and international users. It was designated as a Reference Climatological Station three decades ago by the MSC and its data is used for determining climate trends. In addition, the station was designated by the World Meteorological Organisation (WMO) to be part of the Regional Basic Synoptic Networks and Regional Basic Climatological Networks therefore satisfying the requirements of WMO region IV members and the World Weather Watch.

Please do not hesitate to contact me by email at claudie.carpentier@canada.ca or telephone at 416-739-4108 for further information.

Regards,

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c.c.: Eva Walker (ECCC) and Ian Parson (CIRNAC)