

# NORTH-WRIGHT AIR GEOTECHNICAL INVESTIGATION

## ENGAGEMENT PLAN - VERSION 2

---

### 1. INTRODUCTION

North-Wright Air (North-Wright) has retained Stantec Architecture Ltd. (Stantec) to undertake a geotechnical investigation of the subsurface conditions at the Norman Wells Airport to support construction of a proposed new hangar.

This Engagement Plan (the Plan) was developed in accordance with the Mackenzie Valley Land and Water Board (MVLWB) Engagement Guidelines for Applicants and Holders of Water Licences and Land Use Permits. The intent of the Plan is to show the communication and outreach activities undertaken with potentially affected parties prior to and during the geotechnical investigation. This is required to inform potentially affected parties of activities occurring in their community or region.

As the proposed geotechnical investigation occurs entirely within the Norman Wells Airport, and within the area leased by North-Wright, engagement activities will include notifications via email to Norman Wells Airport operations, and Nav Canada, the Town of Norman Wells and the Norman Wells Land Corp. Notification letters will be distributed to nearby residents and businesses.

### 2. PROPONENT

North-Wright is the proponent for the geotechnical investigation. North-Wright's contact for this project is as follows:

Travis Wright  
President  
North-Wright Air  
5 Canol Road, Bag Service 2200  
Norman Wells, NT  
X0E 0V0

[Info@north-wrightairways.com](mailto:Info@north-wrightairways.com)

### 3. PROJECT DESCRIPTION

North-Wright plans to conduct a geotechnical investigation in support of construction of a new hangar at the Norman Wells Airport. The proposed project is to complete a geotechnical investigation at the proposed hangar location, which will consist of a field drilling program, and a laboratory materials-testing program.

The geotechnical investigation is anticipated to occur between April 1 and May 30, 2024. The investigation will take approximately two to three days to complete and will consist of the following:

- Prior to the investigation, existing utilities will be reviewed and identified for avoidance.
- Drilling five boreholes (6" diameter), advanced to approximately 6 m depth.
- It is anticipated that soil sampling will consist of grab samples directly off solid stem augers.
- A thermistor will be installed on one borehole for ground temperature monitoring, and a standpipe monitoring well will be installed in another for ground water level monitoring.
- Monitoring equipment will be removed when construction of the new hangar occurs.
- Boreholes/well installations will be backfilled with excess soil (drill cuttings) generated during drilling.

# NORTH-WRIGHT AIR GEOTECHNICAL INVESTIGATION

## ENGAGEMENT PLAN - VERSION 2

---

Prior to mobilizing to the project location, Stantec will prepare a Health and Safety Plan (HSP) in accordance with territorial guidelines and Stantec's health and safety program. The HSP will provide clear direction to project personnel, sub-contractors, and site visitors. The task-specific, site specific HSP will include a description of the proposed work, hazard recognition and assessment, hazard control, incident reporting and investigation and emergency response details.

Stantec is anticipating using local contractor Midnight Sun Drilling Inc. (Midnight Sun) to complete the field drilling program. Midnight Sun will operate a track mounted multi-power Locust auger/air rotary/RC drill rig (see photo below).



**Photo 1. Proposed Multi-Power Locust Auger/Air Rotary/RC Drill Rig**

Wastes generated during the geotechnical investigation will be managed according to a Waste Management Plan (WMP). In the event of a spill incident, the spill will be responded to and cleaned up in accordance with a Spill Contingency Plan.

# NORTH-WRIGHT AIR GEOTECHNICAL INVESTIGATION

## ENGAGEMENT PLAN - VERSION 2

### Engagement Plan

When	Purpose	Who will be engaged	Engagement Method
Prior to geotechnical investigation	Notification of works	Norman Wells Airport Operations	Email notification
Prior to geotechnical investigation	Notification of works	Nav Canada	Email notification
Prior to geotechnical investigation	Notification of works	Nearby residents/businesses	Flier distribution
Prior to geotechnical investigation	Notification of works	Norman Wells Land Corp	Email notification
Prior to geotechnical investigation	Notification of works	Town of Norman Wells	Email notification

### Engagement Log

Date	Attendees	Engagement Activity Type	Topic	Recommendation	Proponent Response to issue
February 15, 2024	Trevor Smith – Norman Wells Regional Airport Manager	Phone call	Notification and safety requirements on airport property	<ul style="list-style-type: none"> <li>North-Wright has their own access gate so limit access to that area.</li> <li>Stay within hangar area so equipment is below height of building</li> <li>North-Wright personnel with AVOP to escort workers onsite</li> <li>Trevor will notify NAVCAN once dates are determined for work</li> </ul>	All direction will be followed as discussed, all issues resolved

### Project Contacts

North-Wright Air	Stantec Architecture Ltd.
Travis Wright President, North-Wright Air Phone: 867-587-2288 Email: info@north-writhairways.com	Steffen Karl Drilling Supervisor Phone: 780-239-8710 Email: Steffen.karl@stantec.com

### Appendices

Appendix A Notice of Geotechnical Drilling Program

**NORTH-WRIGHT AIR GEOTECHNICAL INVESTIGATION**

**ENGAGEMENT PLAN - VERSION 2**

---

**Appendix A: Notice of Geotechnical Drilling Program**

## **Notice of Geotechnical Drilling Program at the Norman Wells Airport – North-Wright Air Hangar**

North-Wright Air plans to conduct a geotechnical investigation in support of construction of a new hangar at the Norman Wells Airport. The proposed project is to complete a geotechnical investigation at the proposed hangar location, which will consist of a field drilling program, and a laboratory materials-testing program.

The geotechnical investigation is anticipated to occur between April 1 and May 30, 2024. will take approximately two to three days to complete. A total of five boreholes of 6” diameter will be drilled to approximately 6 meters depth at North Wright’s hangar at the Norman Wells Airport. A thermistor (a small temperature sensing device) will be installed in one borehole, for temperature monitoring, and a standpipe will be installed in another borehole for ground water level monitoring. Both devices will be removed when construction of the new hangar commences. The boreholes will be backfilled with excess soil (drill cuttings) generated during drilling. No drilling fluids or water sources are required for the project. The work area is less than 1 hectare, within the footprint of the North-Wright proposed hangar.

The drilling will be completed using local contractor Midnight Sun Drilling Inc (Midnight Sun). Midnight Sun will operate a track mounted multi-power Locust auger/air rotary/RC drill rig (see photo below).



**Photo 1. Proposed Multi-Power Locust Auger/Air Rotary/RC Drill Rig**

Questions or comments on the proposed geotechnical investigation are requested by April 19, 2024.

For questions, please contact:

Travis Wright  
President, North-Wright Air  
Phone: 867-587-2288  
Email: [info@north-wrightairways.com](mailto:info@north-wrightairways.com)