

**3 October 2022**

# Geophysics Exploration underway at North Big Smoky

**Controlled-source Audio-frequency Magnetotellurics (CSAMT) has commenced at North Big Smoky (NBS)**

**Geophysics to build on recent soil sampling program**

**CSAMT work ahead of schedule**

## Overview

Morella Corporation Limited (**ASX: 1MC** "Morella" or "the Company") is pleased to advise that exploration activities at North Big Smoky are progressing with the view to fast tracking the understanding of the deposit.

Following the soil sampling completed in September (refer to *ASX Announcement First on-ground exploration works completed at North Big Smoky released 20 September 2022*) Morella has engaged a geophysics expert to carry out a single CSAMT line at NBS. This was scheduled for November but has been accelerated and will now be completed in October.

## CSAMT

The single CSAMT line will allow Morella to better understand the areas of higher conductivity and be able to develop a cross sectional understanding through the deposit that is aligned with the one of the soil sample lines (See Figure1).

CSAMT provides good near surface resolution and depending on local ground conductivity can also be effective in the 500m-1,000m depth of investigation.

The combination of soil samples and the CSAMT results will guide the company in the definition of the next phase of exploration.

## Morella MD James Brown said:

*"Building on the initial exploration methods and results at Fish Lake Valley we are progressing the exploration of North Big Smoky as a priority. North Big Smoky is a strategic asset of Morella and its proximity to the companies Fish Lake Valley project provides an exciting opportunity to develop a regional hub. By developing the two deposits together we can maximise the use of our resources and contractors when available while reducing costs."*

*"Our partners at Lithium Corporation have been extremely helpful and we have formed a strong partnership which has supported our rapid evaluation programs in Nevada, we look forward to the next phases."*

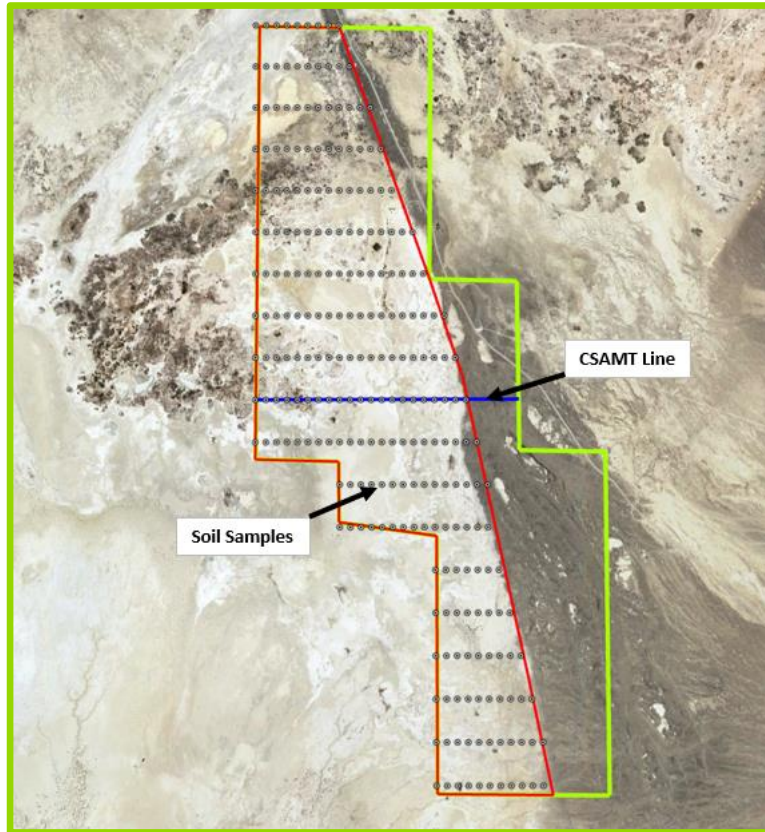


Figure 1 – North Big Smoky soil sample locations and CSAMT Survey line



Figure 2 – Morella Nevada Lithium Project Locations.

## Contact for further information

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**This announcement has been authorised for release by the Board of Morella Corporation Limited.**

**About Morella Corporation Limited** Morella (ASX:1MC) is an exploration and resource development company focused on lithium and battery minerals. Morella is currently engaged in exploration activities on multiple lithium project opportunities, strategically located, in Tier 1 mining jurisdictions in both Australia and the United States of America. Morella will secure and develop raw materials to support the surging demand for battery minerals, critical in enabling the global transition to green energy.

**Competent Person's Statement** The information in this report that relates to Exploration Results is based on information compiled by Mr Chris Grove, who is a Member of the Australasian Institute of Mining and Metallurgy and is a Principal Geologist employed by Measured Group Pty Ltd. Mr Chris Grove has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Mineral Resources'. Mr Chris Grove consents to the inclusion in the report of the matters based on his information in the form and context in which it appears'