



**ASX Announcement | 16 December 2021
Hexagon Energy Materials Limited (ASX: HXG)**

Experienced Geochemist engaged to assess the 5,200 Ni-Cu-PGE focussed Soil Sample Results for the McIntosh Project, as Laboratory delays prolong result delivery timeline.

Key Highlights:

- **Final analytical results for the 5,200 soil samples collected across Hexagon’s McIntosh Ni-Cu-PGE Project, during the 2021 field season, have been delayed and are now expected to be received in mid-January.**
- **Dr Dennis Arne, Director of Telemark Geosciences, an internationally recognised and locally experienced Geochemist across Ni-Cu-PGE and Au, has been engaged to comprehensively review all results once received.**

The exploration team at **Hexagon Energy Materials Ltd (ASX: HXG; “Hexagon” or “the Company”)** collected 5,200 soil samples from across the McIntosh Project during the 2021 field season. This program was developed based on the interpretation of historic geochemical data (29,558 geochemical samples) and review of WAMEX historical reports dating from 1967 to 2018. This information provided the basis for a systematic regional structural reinterpretation of the McIntosh Project targeting Nickel, Copper and PGEs. Experienced structural geologist Dr Mark Rieuwers (SRK Consulting) was involved in this reinterpretation (ASX Announcement 28 June 2021).

Final results from the 2021 soil sampling program were expected to be received in Q1 2021/22, to feed into the exploration program planning for the 2022 field season. (ASX Announcement 19 October 2021). Hexagon has been advised by the laboratory that there are delays and that a full set of results will not be received until mid-January 2022. Hexagon has been informed that the laboratory delays are being experienced, are across the board.

Dr Dennis Arne, Director of Telemark Geosciences, an experienced Geochemist, has been engaged by Hexagon to review all of the 2021 McIntosh Project soil sample results to further aid in the refinement of Hexagon’s McIntosh Project 2022 field season work plans.

Dr Arne has over 35 years’ experience as a consultant, researcher, university lecturer and government scientist. He has held Senior Lecturer and Program Chair roles in Mining Geology at the Western Australian School of Mines (WASM), Curtin University.

Dr Arne brings highly relevant experience from Australia and overseas including in Ni-Cu-PGE exploration in northern Quebec, and Au in the Yukon, Nunavut, Suriname and Sudan.

Hexagon’s Managing Director, Merrill Gray, said “We’re disappointed that the timeline has been pushed out for our full laboratory results, however, we have wasted no time in progressing approvals and planning for the upcoming 2022 exploration program at McIntosh. We look forward to Dr Arne’s comprehensive review of all results.”

Authorisation

This announcement has been authorised by the Managing Director.

ABOUT HEXAGON ENERGY MATERIALS LIMITED

Hexagon Energy Materials Limited (ASX: HXG) is an Australian company focused on clean energy project development and energy materials project exploration and development.

Hexagon is developing a business to deliver decarbonised hydrogen into export and domestic markets. The Pre-Feasibility Study for the NT (Pedirka) H₂ Project located in Australia's Northern Territory, utilising gasification and Carbon Capture and Storage (CCS) is in progress.

Hexagon's plan is to progressively increase its renewable energy inputs and lower its carbon emissions as it transitions from blue to green liquid hydrogen production, on a commercial basis, over time.

Hexagon also owns the McIntosh Nickel-Copper-PGE and Graphite project in Western Australia (WA) and the Halls Creek Gold and Base metals project also in WA. In the US, Hexagon has an 80 per cent controlling interest of the Ceylon Graphite project in Alabama, over which South Star Battery Materials Corp. (TSXV: STS) on 7 December 2021 signed an Option to earn up to 75% in.

Hexagon is actively progressing value accretive transactions consistent with its strategy, skill set, and focus on clean energy materials and clean energy.

To learn more please visit: www.hxgenergymaterials.com.au

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