

Weora continues to develop the Greenhills project with the drilling of the third hole, GHD003, at the margin of the Greenhills complex and a new hole, GHD004, is under way. Weora has also applied for two new prospecting permits, Pokeno, just north of the Waikato permit, and an offshore extension of the Greenhills permit area.

Hydrogen at Greenhills: As per the last newsletter, Weora has started looking at the possibility of natural hydrogen being generated through serpentinisation of the dunite within its permit areas. During the drilling of GHD003, pockets of low-pressure gas were encountered starting at 236 meters downhole. This gas has been confirmed to contain hydrogen although the exact composition of the gas is still unknown. With health and safety being the priority, GHD003 has been put on hold for now as the rig was not equipped for drilling in the presence of this gas.

Weora has since moved the rig to a new hole, GHD004, in the Wehrlite zone. Although hydrogen gas is not expected to be encountered in this area, upgrades have been made to the rig with the installation of gas monitors and a blowout diverter as a preemptive measure after encountering gas at GHD003.

Future proofing of the project’s scalability: Weora continues to expand by taking a dynamic approach to its exploration project. As new opportunities arise and discoveries are made, Weora actively incorporates them into the program. A new permit, Pokeno, is under application in North Waikato between Hamilton and Auckland. This Permit overlies a buried portion of the Dun Mountain Ophiolite belt and is prospective due to the magnetic anomaly associated with ultramafic rock as well as its proximity to New Zealand Steel and the Huntly Coal fired Power Station, two significant CO₂ emission sources in New Zealand.

Weora has also put in an application to permit an offshore extension to the Greenhills permit which extends 7 km west of the current permit area. This is to assess the area of the complex that is interpreted to extend out into Foveaux strait. The idea behind this area is to gain a better understanding of the extent and scale of the Greenhills complex.



Map: Greenhills extension relative to Greenhills prospecting permit on the Bluff peninsula

Upcoming project work:

- Continue to drill GHD004 at Greenhills with the hopes of characterizing and getting a better understanding of the spatial variability within the complex.
- Weora continues to strengthen its relationship with world leaders in the Carbon Mineralisation industry. With Tom Richie, Weora’s Managing Director invited to attend the inaugural Carbfix Mineralization Summit in Iceland. While there, he will be visiting the Carbfix Coda Terminal, where they are actively mineralising carbon in-situ at scale. More updates on Tom’s experience at the summit to come in next month’s newsletter.
- Weora will continue to assess the projects prospectivity for natural hydrogen and is excited about its early results from GHD003. As the idea of exploring for hydrogen is relatively new. Weora will continue to work on how to best incorporate H₂ into the current exploration program.

View of GHD004 Looking out towards Bluff

