



# Mineral Exploration in the West Yilgarn Province



## About Chalice Mining

- « Chalice Mining is a Western Australian company with a track record of responsible and successful mineral exploration, and a commitment to the highest social, corporate and environmental standards.
- « Chalice is a globally recognised name in minerals exploration, led by an experienced team of geologists and mining experts.
- « Our major greenfield discovery in early 2020, the Gonneville Project, defined a new mineral province in Western Australia - the West Yilgarn Nickel-Copper-Platinum Group Element (Ni-Cu-PGE) Province.
- « The Gonneville Project is located ~70km east of Perth, WA, and is considered one of the largest recent nickel discoveries worldwide and the largest PGE discovery in Australian history.



## Exploration in the West Yilgarn

- « Chalice holds a ~9,600km<sup>2</sup> exploration licence area in the West Yilgarn Province.
- « The West Yilgarn Province is almost completely unexplored, and stretches across ~1,200km north to south.
- « The province is considered one of the most prospective new critical minerals provinces globally.

### What are we exploring for?

- « Chalice is exploring the region for critical minerals such as nickel, copper, cobalt, palladium and platinum.
- « These critical minerals are essential for decarbonisation; used in technologies such as lithium-ion batteries, energy storage, electric vehicles and green hydrogen.
- « These minerals are used in technologies essential to modern life, and future supply is predicted to fall short of demand.



## Types of exploration

« Since 2020, Chalice has been conducting early-stage exploration within parts of our exploration licences. These low-impact activities include;

**Soil Sampling:** Collecting small amounts of soil and subsoils using handheld tools such as a shovel. This low-impact activity is generally conducted on foot (see example image above).

**Airborne Surveys:** Low-flying aircraft or helicopters flying in a grid pattern.

**Reconnaissance Exploration Drilling:** This activity requires the use of a vehicle mounted drill rig, and aims to collect cuttings or core samples from below the surface to test for mineralisation.

For more information about exploration activities, read the 'Exploration Explained' information sheet published by the Association of Mining and Exploration Companies (AMEC) via [chalicemining.com/community-information-sheets](http://chalicemining.com/community-information-sheets) or the QR code below.



**Exploration Explained Info Sheet**  
Point your phone camera at the QR code and wait for a pop up.  
Click the link to read the sheet.

## Land Access for Exploration

« In Western Australia, all mineral exploration and extraction is regulated under the Mining Act 1978.

« Before any exploration for minerals can begin, Chalice must have a granted Exploration License approved by the Department of Mines, Industry Regulation and Safety (DMIRS).

« Chalice will engage with the landowner and must have their approval to conduct any exploration activities on private property. In some cases a written agreement between both parties is required.

For more information about these processes, read the 'Land Access Explained' information sheet published by the Association of Mining Exploration Companies (AMEC) via [chalicemining.com/community-information-sheets](http://chalicemining.com/community-information-sheets) or the QR code to the right.



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## For more information

Chalice welcomes feedback and aims to manage the impact of our operations through the continued consideration of the social and business interests of local communities.

To contact Chalice:

Email us: [community@chalicemining.com](mailto:community@chalicemining.com)

Visit: [www.chalicemining.com/contact](http://www.chalicemining.com/contact)

Post: **PO Box 428, West Perth, WA 6872**

Call our team: **0487 371 961 (9am - 4pm, Mon to Fri)**