THIESS



Thiess began our autonomy journey in 2012.

Our expertise and experience span autonomous **drilling** and **haulage** systems, and semi-autonomous **tractor** systems. Join us as we continue to forge a path towards safer, more efficient sustainable mining.







THIESS

Our autonomy journey since 2012

2012



Solomon Mine, Western Australia

 Autonomous haulage support services



Brisbane, Queensland

 Established Autonomous Services Team at Thiess' head office in Australia



Mt Pleasant, New South Wales

 First autonomous Cat® MD6250 drill



Lake Vermont, Queensland

• First autonomous Epiroc PV275 drill





2022

Lake Vermont, Queensland

Semi-autonomous dozing rehabilitation trial



Mt Arthur, New South Wales

 2x autonomous Cat® MD6310 drills

• 1x autonomous Cat® MD6250 drill



Lake Vermont, Queensland

• 6x Cat® D11 semiautonomous dozers

 3x autonomous Epiroc PV275 drills



Lake Vermont, Queensland

• 4x Cat® D11 semiautonomous dozers

 2x autonomous Epiroc PV275 drills



2022

Brisbane, Queensland

 Remote autonomous drilling pilot from Mt Arthur to Thiess' head office



Bowen Basin, Queensland

- Establish mine control for autonomous haulage and drills
- Establish private LTE communication network
- Mobilise fleet and personnel
- Autonomous haulage and drilling commissioning and operations

2024

Bowen Basin, Queensland

- 15x Cat® 794AC autonomous haul trucks
- 6x Cat® 793 autonomous haul trucks

