



# SURVEYING SERVICES FOR MINING & CONSTRUCTION PROJECTS



Perth | Bunbury

2025



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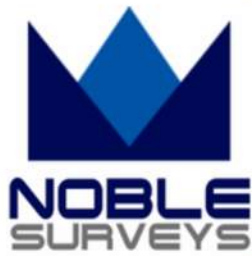
At Noble Surveys, we bring over two decades of precision and professionalism to the surveying industry, delivering tailored solutions for complex earthworks, construction, and environmental projects across Western Australia. Our team's unwavering commitment to accuracy and innovation empowers our clients to build confidently, ensuring that each project stands on a foundation of precise data and expert insight.



# ABOUT NOBLE SURVEYS

Founded in 2004, Noble Surveys has established a reputation as a trusted partner in surveying, collaborating with leading companies in construction, mining, and environmental sectors. With a dedicated team of skilled professionals, we specialize in engineering and construction surveys, topographical mapping, UAV-based aerial surveys, and 3D laser scanning. Our comprehensive range of services supports clients at every stage of development, from initial design and set-out to as-built documentation and ongoing asset management.

What sets Noble Surveys apart is our commitment to leveraging cutting-edge technology, including GNSS RTK, UAVs, and advanced laser scanning techniques, ensuring unmatched precision and reliability. Our client-centric approach prioritizes clear communication, adaptability, and meticulous attention to detail, allowing us to consistently deliver results that exceed expectations and align seamlessly with project timelines.



**YOUR TRUSTED  
PARTNER ON MINING  
& RESOURCE  
PROJECTS**

## **Darren Noble**

MANAGING DIRECTOR

At Noble Surveys, we specialize in accurate surveying for mine infrastructure, dewatering, and power projects. Our expertise ensures that critical infrastructure—such as haul roads, dewatering systems, and power distribution networks—is constructed to exact specifications. Using advanced surveying technology, we provide accurate set-out services and comprehensive as-built documentation, giving you the confidence that every element of your project meets design and compliance requirements.

We understand the demanding nature of mining operations and the importance of precision in every stage of construction. Our team works closely with project managers and engineers to deliver reliable, real-time data that supports decision-making and project execution. At Noble Surveys, we are more than just surveyors—we are your trusted partner in delivering the infrastructure that keeps mining projects running safely, efficiently, and to the highest standards.



# VISION & MISSION

## Vision

Our vision is to be Western Australia's foremost surveying company, setting the benchmark for precision, reliability, and client satisfaction. By continuously advancing our skills and embracing innovative technologies, we aim to be the trusted partner for all surveying needs, delivering results that not only meet but exceed expectations and contribute to the growth and development of our region.

*At Noble Surveys, we take a **proactive** approach to every project, ensuring **precise** results delivered by a **professional** team. Guided by our vision and mission, we are dedicated to providing high-quality surveying solutions that support the success of Western Australia's mining and infrastructure projects*

## Mission

Our mission is to make a positive and lasting impact on every project we service, empowering clients with the data and insights they need to succeed. Through a combination of expertise, precision, and a client-centric approach, we ensure that each project is built on a foundation of accuracy and trust. At Noble Surveys, we are dedicated to helping our clients achieve their goals, one successful project at a time.

# HOW WE WORK

*At Noble Surveys, our client relationships are built on clear communication, meticulous planning, and a dedication to delivering exceptional results every step of the way.*

At Noble Surveys, we believe that great projects are built on strong relationships. From day one, we prioritize clear, open communication with our clients to fully understand their needs, goals, and challenges. By keeping you informed every step of the way, we ensure that expectations are aligned, and any issues are quickly addressed. We work as an extension of your team, delivering a service that's tailored to your specific project requirements, timelines, and objectives.



Accuracy and attention to detail are at the core of how we work. Utilizing state-of-the-art technology like UAVs, GNSS RTK, and 3D laser scanning, we gather precise data to inform critical decisions and ensure that every aspect of the project is meticulously executed. This technology-driven approach allows us to not only meet but exceed industry standards, delivering results that empower our clients to move forward with confidence.





# OUR SERVICES



## Aerial Surveys

Using advanced UAV technology, our aerial surveys capture high-resolution imagery and topographical data, enabling fast, safe data collection over large areas. This service provides precise, actionable insights that enhance planning and monitoring.

## Engineering Surveys

We deliver precise engineering surveys for projects requiring accurate layout and as-built data. With GNSS RTK and laser technology, our surveys support smooth project execution across construction, pipelines, and infrastructure.





**NOBLE  
SURVEYS**



## OUR SERVICES



### Machine Control

Our machine control services improve construction accuracy by integrating GNSS-guided systems, allowing automated equipment to work precisely to design specifications. This reduces rework, material costs, and improves timelines.

### Modelling and Visualization

We turn complex data into interactive 3D models, providing clear visual representations for project analysis and planning. Ideal for stakeholder engagement, our models support better communication and decision-making.





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## OUR SERVICES



### GIS & As-Constructed Surveys

Our GIS and as-constructed surveys provide detailed records of completed projects, supporting compliance and future planning. GIS mapping enhances asset management, while as-constructed data ensures alignment with design specifications.

### Equipment Hire

Access top-quality surveying equipment, from GNSS systems to laser scanners and UAVs, through our equipment hire service. We ensure all rentals are well-maintained and calibrated, offering reliable performance without long-term investment.





# OUR SERVICES



## Corridor Set-out

Noble Surveys delivers precise corridor set-out services, ensuring accurate alignment for clearing, environmental compliance, and permit requirements. Our expertise supports efficient project execution while minimizing environmental impact and ensuring regulatory adherence.

## Pipeline Construction

Noble Surveys provides comprehensive pipeline construction surveying, ensuring accurate set-out, alignment, and burial location verification. Our precise data supports efficient installation, compliance with design specifications, and thorough as-built documentation for seamless project completion.





# OUR SERVICES



## Tanks & Structures

Noble Surveys provides high-precision set-out services for tanks, structures, and other critical infrastructure. We ensure exact positioning, compliance with design specifications, and thorough as-built documentation to support safe, efficient, and accurate construction.

## Power Networks

Noble Surveys delivers precision surveying for power networks, including powerline construction and conduit installation. We ensure accurate set-out, alignment, and compliance, providing reliable data for efficient construction and thorough as-built documentation.





# OUR SERVICES



## Earthworks Surveys

Noble Surveys provides accurate earthworks surveying, ensuring precise set-out, volume calculations, and compliance with design specifications. Our reliable data supports efficient excavation, grading, and compaction, minimizing rework and ensuring project success.



# OUR PROJECTS

## Western Range NPI Hub and FPS Tanks

Noble Surveys played a crucial role in the Western Range NPI Hub and FPS Tank Installation, providing high-precision engineering survey set-out for over 11km of HDPE piping, as well as comprehensive weekly as-constructed reporting to meet Rio Tinto/Worley standards. Our team also ensured accurate set-out and as-built documentation for all electrical conduits and associated works, as well as the precise positioning of large water tanks and prefabricated piping, adhering to strict tolerances critical to the project's success. These installations formed part of the essential infrastructure required to commence mining operations, with the FPS tanks serving as critical water storage for the site.

This project presented multiple challenges, including the need for extreme precision in the FPS tank installations and managing large workfronts under accelerated timelines. Noble Surveys overcame these obstacles by deploying detailed procedures and quality assurance processes to achieve the required tolerances, ensuring compliance with strict design specifications. Our use of laser scanning and Trimble Total Stations, combined with the expertise of our experienced personnel, enabled us to deliver efficient, high-accuracy results. Working alongside Rio Tinto, Worley, and various earthworks contractors, Noble Surveys provided critical surveying support, ensuring that all infrastructure elements were constructed precisely and in alignment with project requirements.



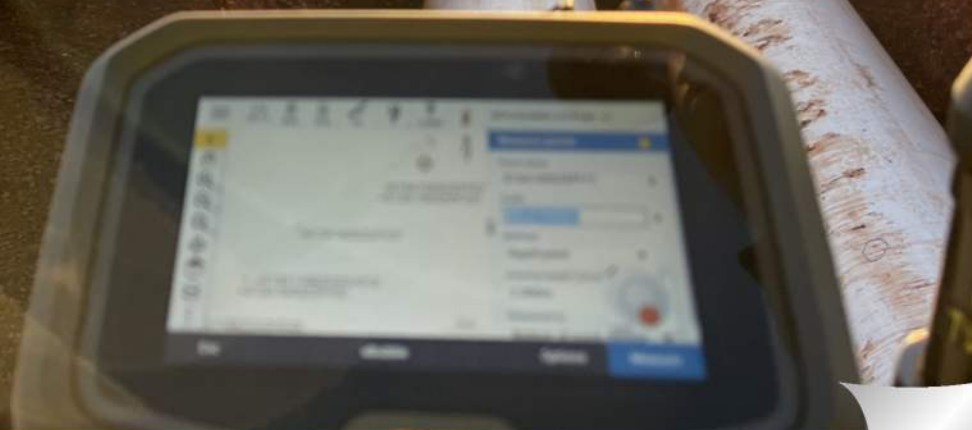
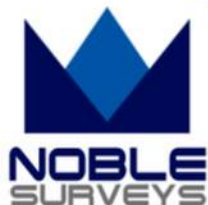
# OUR PROJECTS

## Cloudbreak Water Management

For the Cloudbreak Water Management project, Noble Surveys delivered critical surveying expertise to help manage water resources at the Cloudbreak mine site. Our team conducted detailed topographical and as-built surveys to assist with the design and construction of water diversion channels, storage facilities, and infrastructure for controlled water flow. Using UAVs, GNSS RTK, and 3D laser scanning, we captured accurate data that guided precise site preparations and structural layout.

This project addressed essential environmental requirements by supporting sustainable water management practices in the mining region. Through close collaboration with engineers and environmental specialists, Noble Surveys helped implement a system that balances operational needs with environmental stewardship, ensuring compliance and contributing to the long-term viability of the site.

Noble Surveys was instrumental in the Cloudbreak Water Management project, providing precise surveying solutions to support effective water management and environmental sustainability in one of Australia's most challenging landscapes.



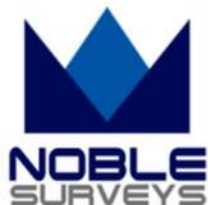
# OUR PROJECTS

## Bussell Highway Duplication

For the Bussell Highway Duplication project, our team at Noble Surveys delivered comprehensive surveying solutions across a 17-kilometer stretch between Bunbury and Busselton. From the initial set-out to as-built surveys, we ensured precise alignment for the new lanes, road improvements, and bridge construction. Our high-accuracy GNSS and laser scanning technologies enabled us to meet strict specifications and maintain project timelines, contributing to a smooth construction process.

This duplication project significantly improved road capacity and safety, enhancing traffic flow and supporting regional growth. By working closely with construction teams and project stakeholders, we played a key role in delivering a transport upgrade that will benefit local communities and visitors for years to come.

Noble Surveys played a pivotal role in the Bussell Highway Duplication, providing the precision and expertise needed to transform a key transport route in Western Australia. This project showcases our commitment to accuracy, safety, and regional development.



# OUR PROJECTS

## Vasse Diversion Upgrade

For the Vasse Diversion Upgrade, Noble Surveys provided essential surveying services to improve flood management infrastructure in Busselton. Our team conducted detailed set-out and as-built surveys for the diversion channel, assisting with the layout and construction of upgraded barriers, embankments, and flow control structures. Using GNSS RTK and UAV technology, we captured high-accuracy data that ensured the project's alignment with engineering specifications and environmental guidelines.

This upgrade not only improves flood protection for local communities but also supports regional environmental sustainability by enhancing natural water flow management. Through our precise data and close collaboration with project stakeholders, Noble Surveys helped deliver a resilient infrastructure solution that balances community safety with ecological needs, contributing to the area's long-term stability and security.

Noble Surveys played a crucial role in the Vasse Diversion Upgrade, providing precise surveying support to enhance flood protection and environmental resilience in the Busselton region.





# CONTACT INFORMATION

## Connect With Us!



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