



**SILVERSTONE**



**SURVEYING**

# ABOUT SILVERSTONE

**Silverstone Energy Solutions is a dynamic and diverse company providing surveying, power generation, renewables, ground water and dewatering management, and onsite service repairs and maintenance.**

Based in Western Australia, Silverstone was established to provide the Australian Resources and Construction Industry with a flexible and innovative approach to energy solutions to meet your business needs. Sustainability and reliability are at the core of our service provision to the mining industry and beyond.

With over 60 years' experience delivering a diverse range of services, across an extensive project portfolio, our aim is to become a market leader in sustainable business practices. This will assist our clients to improve their commercial outcomes and reduce their carbon emissions.

Silverstone's comprehensive inventory of both human and technological resources, means clients are provided with an overall Survey solution. Any prospective client need only engage in one consultancy, as the responsibility of coordinating all the survey services for the project rests with Silverstone.



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# OUR CAPABILITY

**We are intuitive and progressive in meeting the challenges associated with all projects within the Construction, Mining, and Civil industries throughout West Australia. Silverstone provides a level of expertise and experience which gives our clients the reassurance that the highest quality standards are met, from inception to completion of all projects.**

Exemplary quality of client service and communication is core to Silverstone's philosophy, with employees and management sharing the same beliefs. This is demonstrated in the way projects are structured to ensure that the company directors themselves have a guiding influence and oversee all projects.

Our company provides a complete professional service in Project Management, Audit Surveying, Structural and Mechanical Surveying, Engineering Surveying, Civil Surveying, Bulk Earthworks, Construction Surveying, Authorised Mine Surveying, Terrestrial Laser Scanning, Remotely Piloted Aircraft photogrammetry solutions.



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# OUR SERVICES

## ENGINEERING & CONSTRUCTION

The surveyors at Silverstone combine decades of experience with the latest equipment and techniques to deliver the highest quality outcomes for some of Australia's most challenging engineering and construction projects. Silverstone can provide engineering, civil, construction, mechanical and structural surveying for projects such as:

- ◆ Mechanical positioning and alignment;
- ◆ Concrete footing set out;
- ◆ Hold down bolts;
- ◆ Structural Steel erection;
- ◆ Drainage construction;
- ◆ Building set out;
- ◆ Road formation;
- ◆ Road Alignment Design;
- ◆ Railway alignments;
- ◆ Bridge construction;
- ◆ Camp construction;
- ◆ Project Audit Surveying.

New technology is presenting opportunities for survey innovation and cost efficiency every day. Silverstone surveyors keep up to date with latest trends and software development to ensure the most accurate outcomes and cost synergies.



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# OUR SERVICES

## TERRESTRIAL LIDAR SCANNING

Silverstone maintains an advanced vehicle mounted, long range, terrestrial laser scanning system. From vast expanses such as open pit mines, through to built-up urban survey challenges, our laser scanning system can produce top shelf survey information quickly and risk-free. Laser scanning is an effective means of delivering survey information for:

- ◆ Open Pit/Quarry Mine Surveys;
- ◆ Stockpile and Volume Surveys;
- ◆ Accident Incident Surveys;
- ◆ Topographical Surveys; and
- ◆ Plant and Fixed Structure Surveys.



## PROPERTY & DEVELOPMENT

Silverstone's licensed surveyors can assist from initial advice to final documentation everything in between. Not sure what your options are or where to start, contact Silverstone and we can guide you through the entire process whether it be a site survey for design purposes or creating new parcels of land in any form.

- ◆ Subdivision – Urban, Rural and Built-form.
- ◆ Boundary identification and marking.
- ◆ Site surveys including any as-constructed survey requirements.
- ◆ Lease surveys in accordance with Property Council of Australia's requirements.



# OUR SERVICES

## MACHINE GUIDANCE DESIGN & SUPPORT

Our surveyors are ready to assist with any machine guidance requirements. Whether it be a single machine constructing a small carpark or a large fleet completing bulk earthworks we can help in getting your system running.

- ◆ Site establishments including boundary connections and extensive control networks for station setups.
- ◆ Quality assurance and modelling of design data.
- ◆ Design file uploads and troubleshooting for Trimble, Topcon, and Leica machines.
- ◆ As-constructed surveys to meet project requirements.



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# OUR PEOPLE

## **JOHN MIGAS** SURVEY MANAGER (B.SURV)

John Migas has comprehensive experience within the survey industry. Twenty years of actively operating within the industry, he has built a strong foundation which encompasses a wide array of projects.

John's exposure to engineering, construction, civil earthworks, terrestrial laser scanning, and mining has created the strong foundations to develop and grow Silverstone surveying operations.

John possesses exceptional attention to detail and is readily equipped to assess an assignment, propose, and implement a strategy, based on the scope of work required and execute it efficiently. A highly motivated individual, he will source best practise methods and prioritise work commitments to streamline and achieve desired outcomes. John effectively communicates across all levels of management and employs a practical approach to business and mentoring our staff.

## **MATT NISTOR** SENIOR PROJECT MANAGER (B.SURV)

Matt has over 10 years' experience working onsite as a senior project manager, project engineer, and senior surveyor. He has an in-depth knowledge of BHP systems having worked on site across BHP WAIO operations. Matt has an extensive knowledge of all mining operations, mine planning, dewatering, and water infrastructure works at BHP.

Matt has a post-graduate studies in Project Management, previously held statutory supervision roles at quarry operations, and a West Australian Department of Mines, Industry Regulation, and Safety Grade 2 Authorised Mine Surveyor certification.

## **JULIAN COLETTA** LICENSED SURVEYOR (B. SURV; LIC. SURV #1133)

Julian has worked in a variety of roles throughout his 15 years in the industry which allows him to offer a comprehensive list of services to meet the diverse needs of clients across various industries.

Julian started in civil construction with key skills and expertise in all aspects of civil surveying including managing the data and support for large fleets of machines with Trimble, Topcon, and Leica guidance systems. He also has years of experience in all aspects of surveying the construction of both concrete and steel structures.

Over the last 4+ years he has shifted his development to becoming a licensed surveyor with an extensive array of experience including all aspects of land surveying and project management. Julian is proficient in conducting precise boundary surveys and land subdivisions for both urban and rural areas. He is also skilled in lease surveys and site surveys to meet any client requirement.

## **SHENTON MCPHERSON** SENIOR PROJECT SURVEYOR (B.SURV)

Shenton McPherson has a versatile background spanning 5 years in the surveying industry, encompassing a dynamic blend of Mining & Construction (FIFO), high-rise and metro-based construction projects. His expertise extends across diverse areas including project & client management, high-rise construction, civil & engineering surveying, bulk earthworks, machine guidance, and SMP.

Shenton's ability to navigate and excel in both FIFO and urban work environments, reflects adaptability and a strong commitment to project success. He is recognised for his ability to foster strong client relationships and for delivering projects that exceed expectations.

Shenton's approachable nature allows him to leverage his interpersonal skills, to maximize each team member's potential. He believes in cultivating a dynamic team through consistent communication and effective collaboration.



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