

TO THINK BIG

THINK
SMALL

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TECHNICAL
CHALLENGES
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MICROSCOPES
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LEARN HOW.

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ADVANCED
MANUFACTURING

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MATERIALS



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CONTACT US

Our business development manager is here to answer any questions you may have.

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TESTIMONIALS



Graphene sheets imaged for Graphene Manufacturing Group

“Our innovative production process is world-leading, so it is essential to understand exactly what we are manufacturing. The analysis done for us at Microscopy Australia has been instrumental in both the process and product design of our graphene. It allows us to streamline improvements before and during production as well as confirming post-production efficacy. This enables us to adjust operating windows during our manufacturing process and directly link the characteristics of our graphene with tangible customer outcomes. This independent analysis is also essential for us in building successful relationships with our current and future customers and with our investors.”

– **Craig Nicol, MD and CEO, Graphene Manufacturing Group**



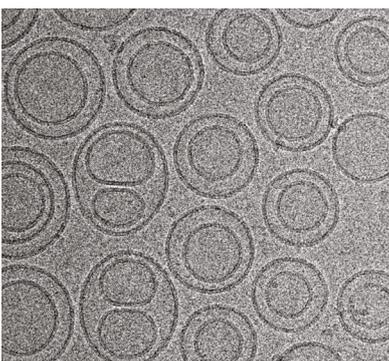
Atomic-scale image of mineral composition from Olympic Dam

“I would like to stress the importance of Microscopy Australia facilities, including the highly skilled, professional staff who operate the facilities, to the mining industry within Australia, BHP Olympic Dam in particular. We directly use their facilities and as the quality of ore being mined throughout the industry is gradually declining, it is becoming more challenging to extract the metals in a cost-effective way. We therefore need to tailor our processing facilities to cater for the minerals present in the ore. This is only achieved by characterising our minerals down to the nanoscale.”

– **Kathy Ehrig, Superintendent Geometallurgy, BHP Olympic Dam**

“What I’ve liked most about working with Microscopy Australia is how approachable, friendly and knowledgeable the people are. They have given me lots of help to get the most out of the equipment.”

– **Senta Walton, Senior Immunologist, Ondek Pty Ltd**



Images of Little Green Pharma’s novel cannabinoid formulation

“At WearOptimo we are developing wearable health sensors. The probes are micrometres in size so we can’t actually see most of the technology we develop, so microscopy is integral to everything we do here. We’ve extensively used Microscopy Australia in the last two to three years as we’ve developed our technology and gone along the TRL trajectory. We used microscopy in those basic research stages, and now, as we go through to product development and moving towards human trials, quality control is vital for us. As an early-stage enterprise we can’t buy all this equipment, it wouldn’t make sense at all. So, we work very closely with the staff at Microscopy Australia, who lend us their expertise and get us the imagery we needed quite quickly, in hours, instead of in the weeks or months it would take us to get up to speed on the tools.”

– **Anthony Brewer, Head of R&D, WearOptimo**

“Engaging with Microscopy Australia, through their facility at UNSW, we have been able to validate the physical makeup of some of our novel investigational formulas.”

– **Lilly Bojarski, Medical Science Liaison NSW, Little Green Pharma**