



MARKET RELEASE
For Immediate Release
10 February 2022

Investor Webinar Presentation

The Company is pleased to announce its participation in the ShareCafe Small Cap "Hidden Gems" Webinar, to be held Friday 11th of February 2022 from 12:30pm AEDT / 9:30am AWST.

Managing Director Sal Catalano will provide an overview of the Company's Uley 2 flake graphite project (including the long duration energy storage downstream activities) located south-west of Port Lincoln, South Australia.

This webinar can be viewed live via Zoom and will provide viewers the opportunity to hear from, and engage with, a range of ASX-listed leading micro/mid cap companies.

To access further details of the event and to register at no cost, please copy and paste the following link into your internet browser:

https://us02web.zoom.us/webinar/register/5416151767246/WN_rJUuE_AySLqmpK1pJMzpXg.

A recorded copy of the webinar will be made available following the event.

A copy of the investor presentation to be delivered during the webinar is attached.

FOR FURTHER INFORMATION CONTACT:

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ABOUT QUANTUM GRAPHITE LIMITED

QGL is the owner of the Uley flake graphite mineral deposits located south-west of Port Lincoln, South Australia. The company's Uley 2 project represents the next stage of development of the century old Uley mine, one of the largest high-grade natural flake deposits in the world. For further information, qgraphite.com.

ULEY 2 HIGHLIGHTS

Q1 2022

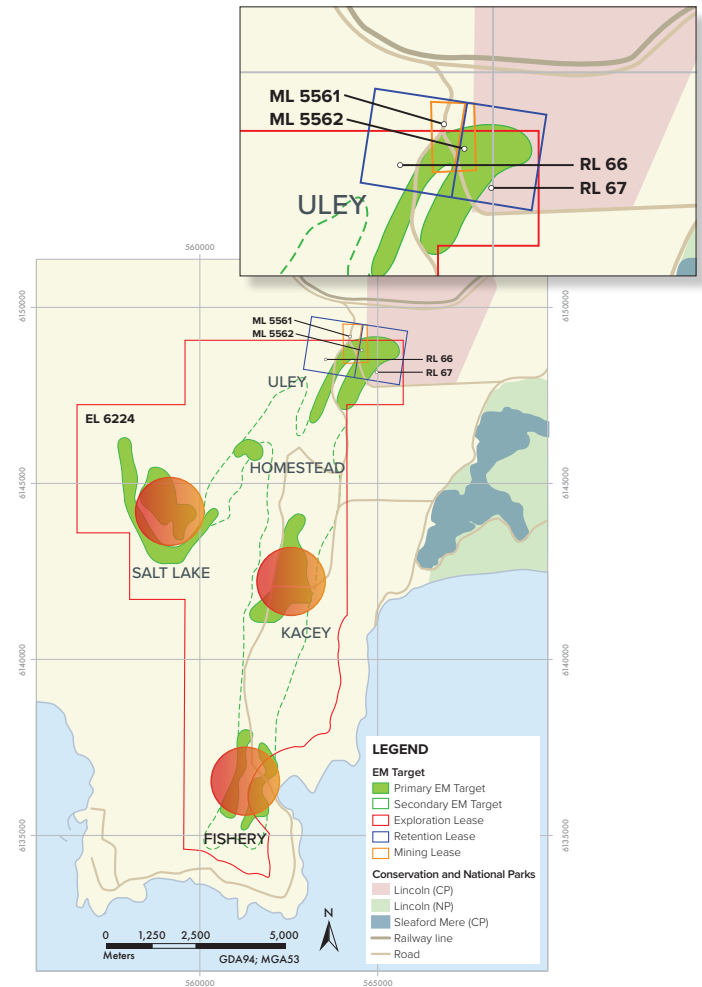


Quantum Graphite Limited Highlights

Quantum Graphite is the ASX-listed owner of the century old Uley graphite mine and the broader Mikkira Deposit located in South Australia's Eyre Peninsula, one of the world's largest natural coarse flake graphite deposits.

Company Highlights

- Only coarse graphite company that is fully permitted and development ready (Uley 2).
- Only global flake graphite producer that has prequalified with major European and north Asian manufacturers.
- Only graphite company that has a decades long history of supplying major European and north Asian refractory manufacturers.
- Only graphite company that has an exclusive arrangement with Sunlands Co., a leading thermal energy storage technology company for the supply of graphite.
- Only graphite company that has designed and developed proprietary advanced processing technologies for the production of graphite products for the energy/renewables industry.



The Uley 2 Project Overview

Status: DFS completed for Uley 2 (Stage 1)

Location: Eyre Peninsula, SA; 20km west-south-west of Port Lincoln

Government approvals: All approvals obtained pursuant to Program for Environment Protection and Rehabilitation

Stage 1 mine life: 12 years

Mineral Resources or Reserves (JORC 2012): Total Mineral Resources 7.2Mt @ 11.10% TGC; Total Ore Reserves 4.0Mt @ 11.89% TGC

Stage 1 production level: Uley 2 processing plant will produce a minimum of 55,000 tonnes of high purity coarse flake.

Processing path and methodology: Liberation of graphite particles through crushing and grinding followed by floatation and polishing sections. Multi-stage polishing critical to enhanced flake graphite recoveries and maximising purity and coarse flake size.

Offtake agreements in place: Joint Venture arrangement with The Sunlands Company Pty Ltd (thermal storage applications) approx. 20% of annual production.

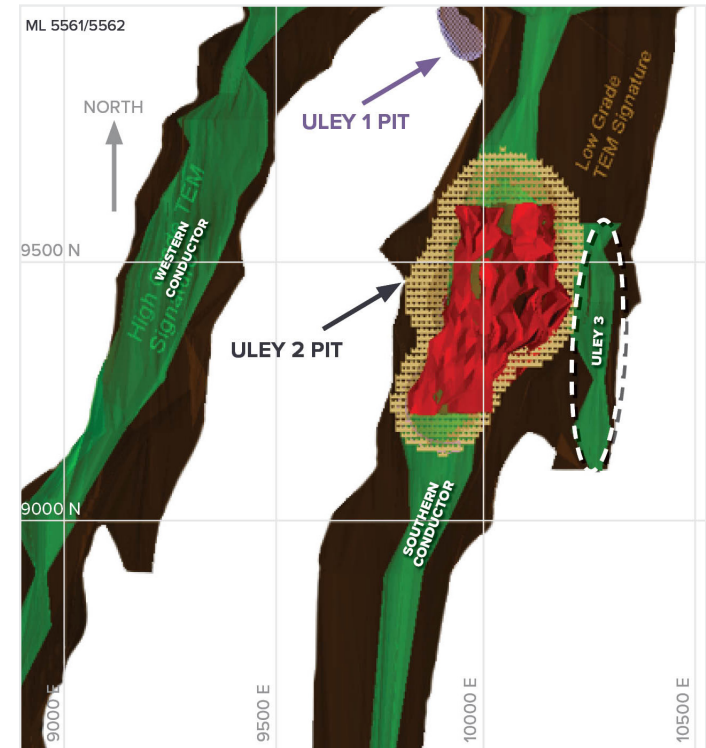
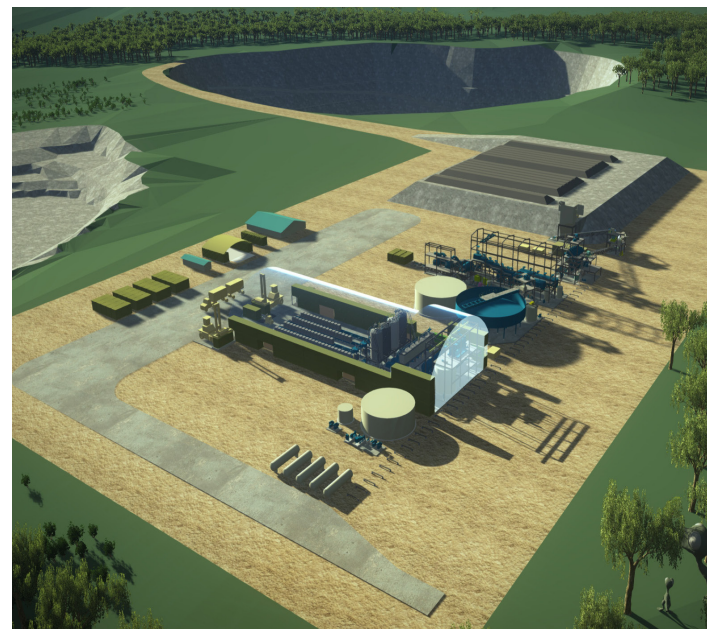


Illustration of the Uley 2 pit and surrounding (green) extensions to main Uley 2 ore body.

The Uley 2 (Stage 1) Project Technicals

Uley 2 Mining Study and Feasibility delivers strong financial metrics

Total undiscounted cash flow	A\$207million at a LOM TGC of 11.89%
Crusher feed	500,000 tonnes per annum
Graphitic carbon grade	11.89%
Graphitic carbon recovery	84%
Concentrate purity	>97% graphitic carbon
Capital expenditure	A\$79.98 million
Processing cost (PCAF)	A\$55.3 per tonne
Mining cost (MCAF)	A\$2.5/t milled at surface plus 5c for every 4m
Product Cost (Av LOM)	US\$368
Product Price (Ex-works)	US\$919 dmt



The Uley 2 Graphite Products

Processing path and production profile for Uley 2 will focus on ultra high purity coarse flake of approximately 55,000 tonnes per annum, details of flake is set out below.

Comprehensive met results confirm historical high quality production mix

- Medium to Extra-Large Flake - 73% of overall production of gC
- Large and Extra-Large Flake purities - 97.2%gC and 97.8%gC respectively
- Process Recoveries - > 89% gC

Size Fraction (µm)	Size Fraction (Mesh)	Approx. Weight Dist. (%)	Graphitic C Purity (%)
+300	+50	10.5	97.8
-300+150	-50+100	35.4	97.3
-150+75	-100+200	27.1	97.2
-75	-200	27.0	90.7



Uley 2 - A Multi Generation Project

Excluding the other mineralised envelopes (within EL 6224) the Uley 2 Project is a multi generation project.

Priority 1 Short Term Ore Reserve extension

- Uley 2 South 50m
- Infill drilling at Uley 3 (area bordered by blue dotted line)

Priority 2 Medium Term Resource extension

- Uley 3 South
- Extension drilling to 50m-by-50m intervals

Priority 3 Long Term Resource extension

- Uley 2 West geophysical anomaly target
- Uley 2 South beyond Priority 1 along strike of the geophysical anomaly

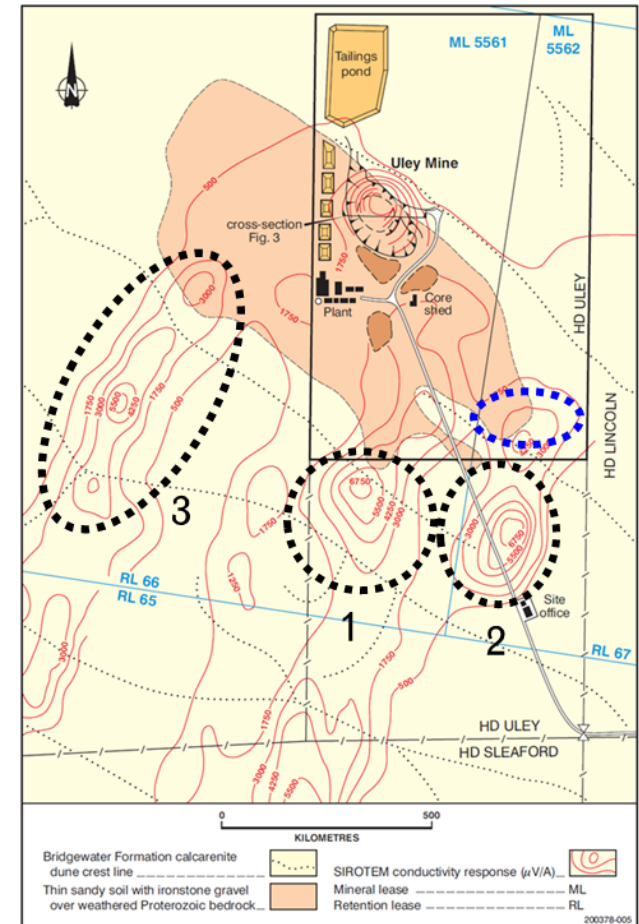


Figure 2 Uley 2 Ore Reserve and near-mine extension target priorities

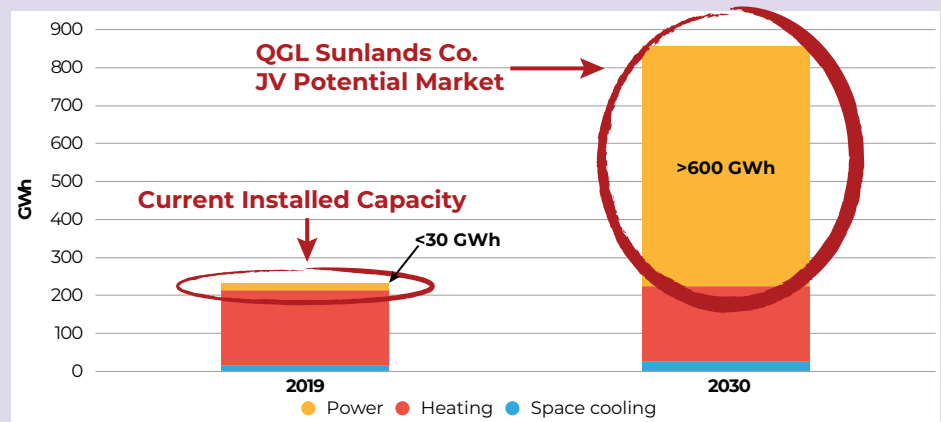
Sunlands Co. Joint Venture – Direct Participation in the New Energy Markets

The Joint venture with Sunlands Co. has transformed QGL from a raw material supplier to a direct participant in the ultra high growth long duration energy storage markets.

The joint venture's exclusive manufacture of graphite energy storage media for Sunlands Co.'s battery technology delivers:

- captive long term market for its products;
- superior product pricing compared to its peers
- a significant additional revenue stream with unmatched growth potential

Figure 3: Installed TES capacity projections according to IRENA's Paris Agreement-aligned Transforming Energy Scenario



Note: Heating projections are not in the scope of this analysis due to a lack of data on aquifers and small-scale distributed TES (e.g. residential water tanks). Nonetheless, growth in the installed capacity of these technologies is expected given their versatile use from short to seasonal scale.

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Uley 2 DFS results do not include the financial impact of the Joint Venture on the overall Uley 2 IRR. QGL has designed a techno-economic scope of works to determine this impact, which will estimate the joint ventures annual net income contribution to QGL.

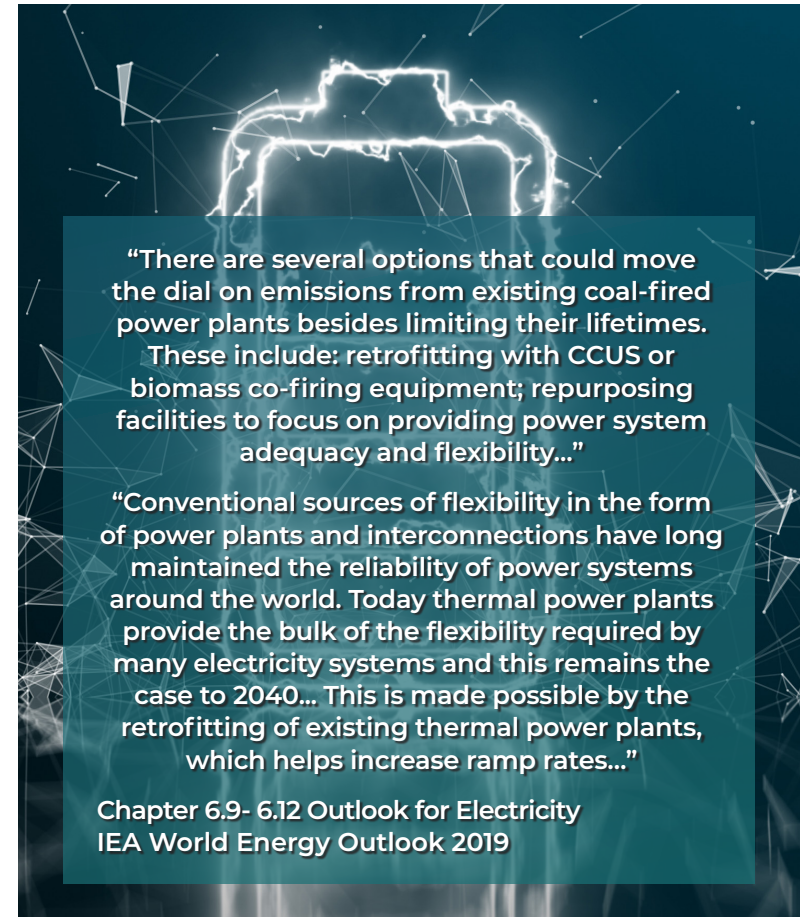
Joint Venture Delivers Massive Potential Demand for Uley Flake

Key metrics

- 5 tonnes of flake graphite is required for 1MWh of storage
- up to 4x this tonnage may be required for a commercial installation
- Sunlands Co. estimates it will require approximately 40% of the Company's production to deliver 150MW of dispatchable storage for a continuous 8 hour period.

Major application opportunities

- Retro-fitting of Sunlands Co. storage systems to existing coal fired power stations is one of the major global application opportunities
- Most Australian coal fired power stations are scheduled to cease operation in the next 15 to 20 years
- Demand from retrofitting Australian power stations only is likely to exceed QGL's production rate of 55,000 tonnes per annum over the next decade



About Quantum Graphite Limited

Board of Directors

Bruno Ruggiero, Chairman
Sal Catalano, Managing Director
Bob Osmetti
David Trimboli

Key Technical Consultants

Mine Engineer, Dr. Karen Lloyd
(Jorvik Resources)
Steven Chadwick, (Spectrum
Metallurgical Consultants)

Capital Structure

Shares on Issue (on a fully diluted basis post consolidation) approx. 293 million.

Top 50 Shareholders >80%.

Board represents approximately >40% shareholding.

Tenement	Tenement Type	Interest
ML5561	Mining Licence	100%
ML5562	Mining Licence	100%
RL66	Retention Licence	100%
RL67	Retention Licence	100%
EL6224	Exploration Licence	100%

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This presentation includes certain statements that may be deemed forward-looking statements. All statements in these presentation materials (other than statements of historical facts) which address future production, reserve potential, exploration activities and events or developments that the Company expects, are forward-looking statements. Such forward-looking statements may include, without limitation: (i) estimates of future graphite prices, supply, demand and/or production; (ii) estimates of future cash costs; (iii) estimates of future capital expenditures; (iv) estimates regarding timing of future development, construction, production or closure activities; (v) statements regarding future exploration results; (vi) statements regarding cost structure, project economics, or competitive position, and; (vii) statements comparing the Company's properties to other mines, projects or metals.

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