

St George Mining Ltd

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St George Mining intersects thick zone of high-grade nickel-copper sulphides at new target area

St George Mining Ltd (ASX:SGQ) has confirmed a new high-grade nickel-copper sulphide discovery at its flagship Mt Alexander Project in the north-eastern Goldfields of WA.

MAD152 is the first drill hole at the newly named Radar Prospect and intersected nickel-copper sulphide mineralisation between 44.2 metres and 51.7 metres downhole including intervals of massive nickel-copper sulphides.

Interval	Style of Mineralisation
44.2m to 46.3m	<i>Ultramafic with disseminated sulphides (partly weathered due to faulting)</i>
46.3m to 48.7m	<i>Ultramafic with heavily disseminated sulphides (30% sulphides comprising pentlandite (pn), chalcopyrite (cp) and pyrrhotite (po))</i>
48.7m to 49.07m	<i>Ultramafic with coarse blebby and heavily disseminated sulphides (40% sulphides comprising pn, cp, po)</i>
49.07m to 50.01m	<i>Massive sulphides with average XRF readings of 6%Ni and 1.92%Cu* (100% sulphides comprising pn, cp, po) (the photograph below is drill core from this interval of massive sulphides)</i>
50.01m to 50.05m	<i>Ultramafic with heavily disseminated sulphides (50% sulphides comprising pn, cp, po)</i>
50.05m to 51.6m	<i>Massive sulphides with average XRF readings of 5.48%Ni and 1.77%Cu* (100% sulphides comprising pn, cp, po)</i>
51.6m to 51.7m	<i>Granite with stringer/breccia sulphides (50% sulphides comprising pn, cp, po)</i>

** Laboratory assays are pending and are required to confirm the nickel and copper grades which have been estimated using portable XRF analysis*

The hole was drilled to test a new electromagnetic (EM) conductor identified by EM surveys completed by St George earlier this month.

The conductor was initially detected by a Moving Loop EM (MLEM) survey. An optimised follow-up Fixed Loop EM (FLEM) survey confirmed a late-time anomaly, which was modelled with a conductivity of 35,000 Siemens and at a depth of about 50 metres.

A DHEM survey will be completed in MAD152 next week to identify extensions of mineralisation around the hole and to plan follow-up drilling.

The east-west strike of mineralisation on the Cathedrals Belt is now extended to 5.5 kilometres with potential for significant further extensions at the West End Prospect and Fish Hook Prospect, where new EM anomalies have been identified by ongoing EM surveys.

Price: 0.078

Market Cap: \$32.18 m

1 Year Share Price Graph



April 2019 October 2019 April 2020

Share Information

Code: SGQ

Listing: ASX

52 week High Low
0.255 0.057

Sector: Gold & silver

Website: www.stgeorgemining.com.au

Company Synopsis:

St George Mining Ltd (ASX:SGQ) is a nickel and gold focused exploration company with a dominant landholding in an under-explored area of the North East Goldfields of Western Australia.

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Drill core with heavily disseminated sulphides from 46.3 metres to 48.7 metres downhole in MAD152 at the Radar Prospect

St George Mining executive chairman John Prineas said: "The discovery of high-grade nickel-copper sulphides with the first ever drill hole in an area with about 10 metres of transported overburden and more than 1 kilometre from the nearest known mineralisation on the Cathedrals Belt is an excellent exploration result and a credit to our technical team.

"The occurrence of high-grade nickel and copper sulphide mineralisation at shallow depths is rare and we are delighted to have further extended the strike of this type of mineralisation along the Cathedrals Belt to an impressive 5.5 kilometres.

"With multiple EM conductors still to be drilled, including targets at the unexplored West End and Fish Hook Prospects, we believe there is strong potential for more high-grade nickel-copper sulphide discoveries."

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