

30 October 2013

## ST GEORGE COMMENCES MLEM SURVEY OF NICKEL TARGETS

### HIGHLIGHTS

- **Moving loop EM survey has commenced at East Laverton Property**
- **Advanced nickel targets on Stella Range Belt to be covered by the survey**
- **Test drilling scheduled to start this year**

### MLEM SURVEY COMMENCED

St George Mining Limited (ASX: **SGQ**) (“St George Mining” or “the Company”) is pleased to announce that a moving loop electro-magnetic (MLEM) survey has commenced over high priority nickel targets situated along the Stella Range Ultramafic Belt at the Company’s 100% owned East Laverton Property in the North Eastern Goldfields region of Western Australia.

### CAMBRIDGE

The MLEM survey at Cambridge is designed to assess prospective zones of the Cambridge dunite body that were not included in the scope of the initial FLEM (fixed loop electro-magnetic) survey that commenced earlier this week.

Figure 1 illustrates the MLEM survey areas at Cambridge, which cover the basal contact on the western and eastern margins of the dunite body. These areas are prospective for massive sulphide mineralisation.

One area of special interest is the north-east corner of the dunite body where an EM anomaly was detected on the basal contact by a historical MLEM survey. This area was previously part of the Project Dragon farm-in arrangement and the EM conductor has yet to be tested.

A line of drill holes were completed in 2012 to the west of this conductor. DRAC32 was the most eastern hole with DRAC33 being further to the west. The holes were drilled into 40+% MgO rocks and encountered anomalous levels of magmatic PGE (platinum group elements) throughout. DRAC32, which is closest to the EM anomaly, had both higher Mg and PGE levels.

The high-MgO rocks in DRAC32 appear closely correlated to those in CAMRC11, on the NW-NNW strike to the south. This suggests that the section of the eastern margin of the dunite body is associated with an olivine cumulate zone.

### STELLA RANGE BELT

The MLEM survey will also investigate a priority area of the Stella Range Ultramafic Belt that was shown to host primary nickel sulphides by drilling completed in 2012.

Disseminated nickel sulphides were intersected in DRAC35 (18m @ 0.4% Ni including 4m @ 0.57% Ni and 2m @ 0.51% Ni) and in DRAC38 (6m @ 0.48% Ni including 2m @ 0.62% Ni). These two drill holes are approximately 7 km apart.

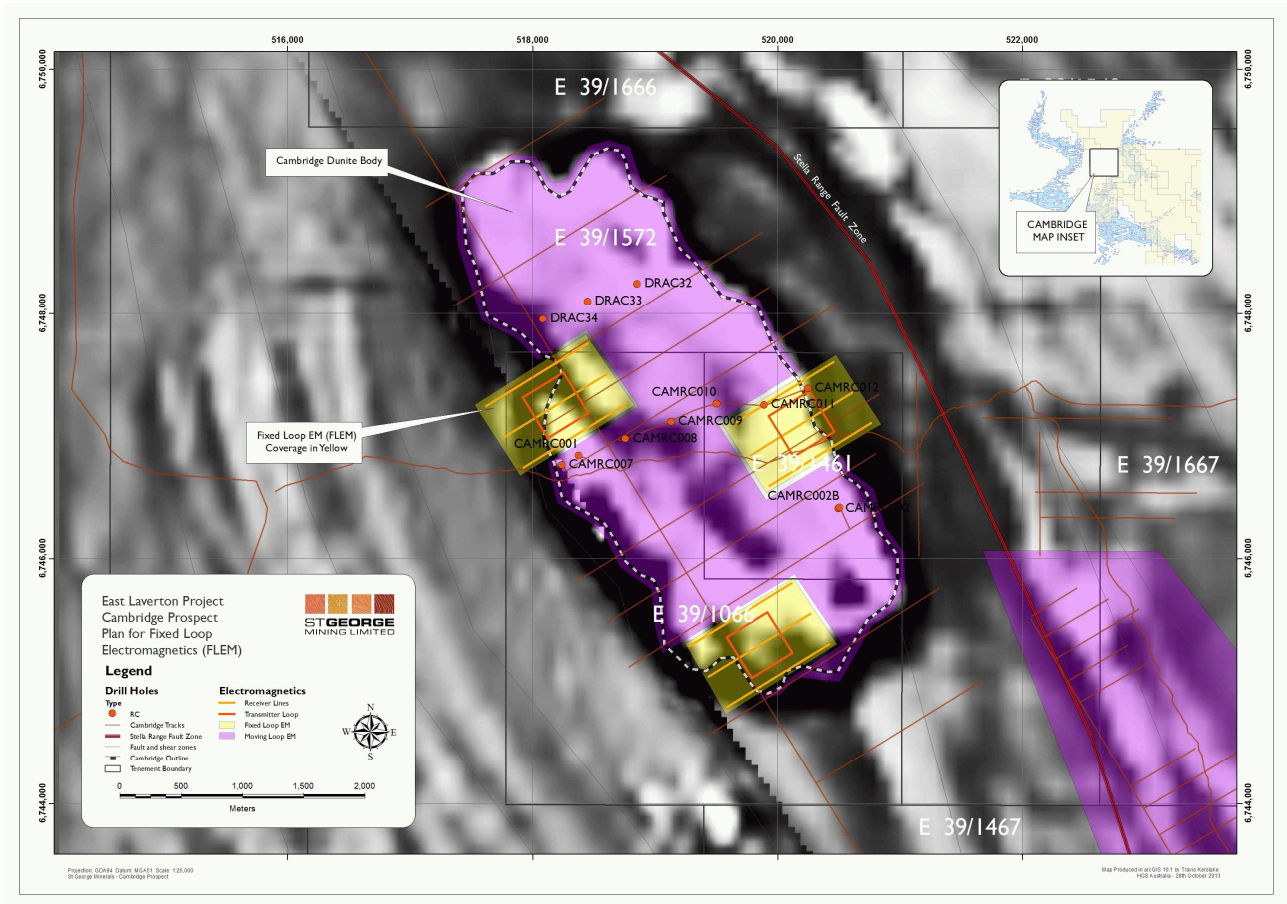


Figure 1 – a map of the Cambridge dunitite body showing the MLEM survey areas (purple)

A further intersection of 2m @ 1.08% Ni was made in DDNRC002, located a further 5 km to the north of DRAC35.

This section of mineralisation is interpreted to be a “tectonic-slice” of mineralised ultramafic, preserved by intense silicification. It is likely that this raft of ultramafic has a local source, implying that a larger mineralised ultramafic unit may be proximally situated to DDNRC002.

The three occurrences of nickel sulphide mineralisation over a 12 km strike of high-MgO ultramafic strongly support the potential for multiple mineralised systems to be present within this zone.

The MLEM survey will be completed over this 12 km priority zone to identify conductive anomalies that may represent massive sulphides – see Figure 2.

**DETAILS OF THE MLEM SURVEY**

St George’s consulting geophysicists, Newexco, will interpret and model the survey results. This process is being fast tracked so that test drilling, planned for November 2013, can commence as early as possible.

The new MLEM survey will use 400m loops and high capacity generators which are designed to achieve maximum depth penetration. Smaller loops (e.g. 200m x 200m) may be used in areas where ground conditions impede the use of the larger loop array.



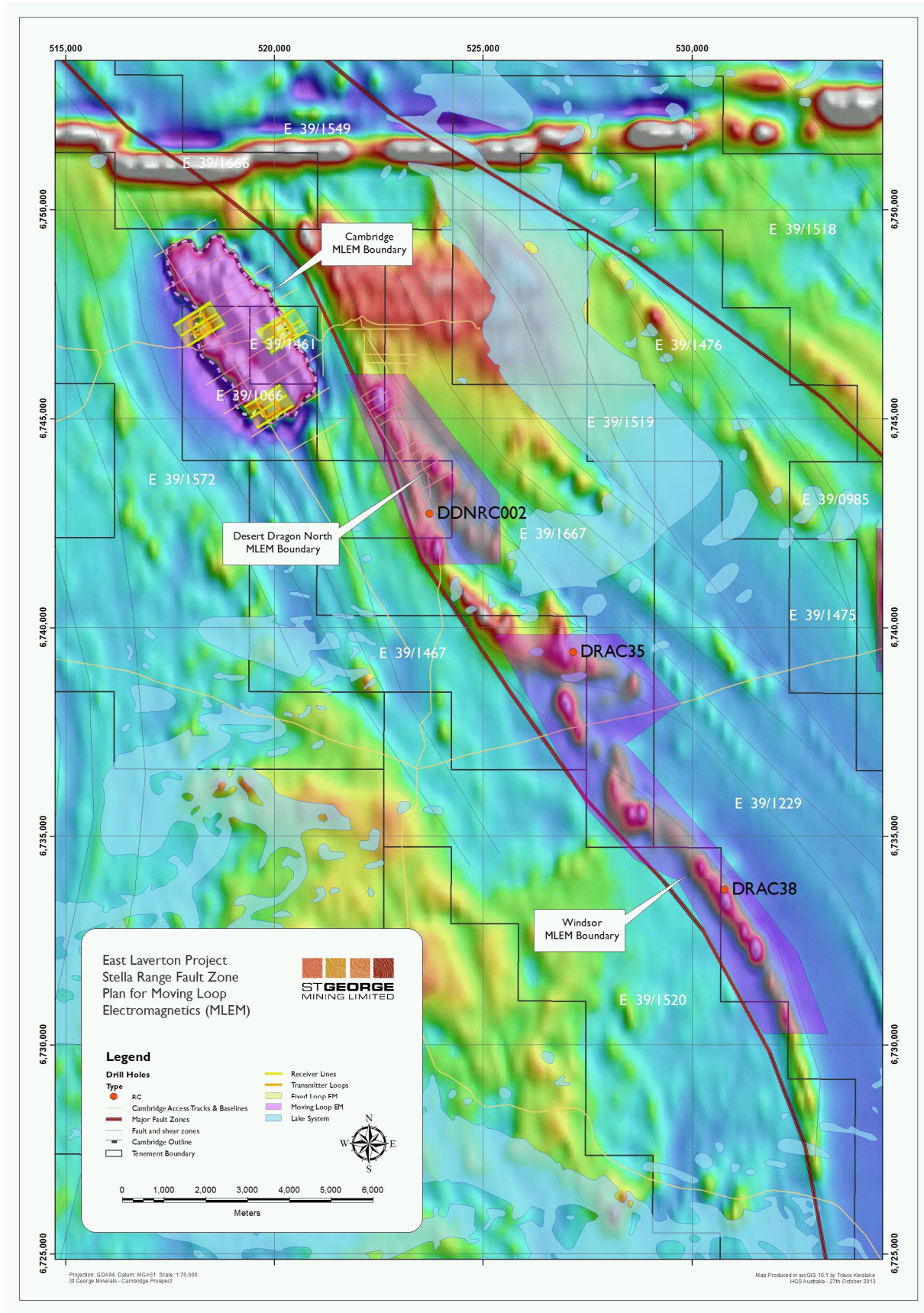


Figure 2 – a map of Cambridge and the Stella Range showing the cover of the MLEM survey

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**COMPETENT PERSON STATEMENT:**

The information in this announcement that relates to Exploration Results and Mineral Resources is based on information compiled by Timothy Hronsky. Mr Hronsky is a member of the Australasian Institute of Mining and Metallurgy has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration and to the activity, which he is undertaking. This qualifies Mr Hronsky as a "Competent Person" as defined in the 2004 edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Hronsky consents to the inclusion of information in this announcement in the form and context in which it appears.