ASX / MEDIA RELEASE

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East Laverton Property:
Crusader Gold Project
Zeus Nickel Project
Empire Copper Project

Pine Creek Property:
Blue Thunder Gold Project
White Strike Uranium Project

17 November 2010

NEW GOLD AND NICKEL DRILL TARGETS IDENTIFIED BY REGIONAL GEOCHEMICAL SURVEY AT EAST LAVERTON

HIGHLIGHTS

- Geochemical survey confirms known prospects and identifies new gold and nickel targets.
- Large gold system (surface dimensions of 5 km x 3 km) identified surrounding the known Desert King and Desert Knight prospects, in the north-west section of the East Laverton Property, significantly increases the potential of these prospects.
- Major, completely new gold system (surface dimensions of 3 km x 2 km) identified in significant structural setting in the eastern part of the East Laverton Property - the Balmoral gold prospect.
- Strongly anomalous nickel and copper geochemistry coincident with previously identified geophysical target (permissive of massive sulphides) at the Aphrodite nickel prospect.
- New strongly anomalous coincident nickel, copper and gold target in geologically and structurally significant site - the Poseidon nickel prospect.
- 3,600m RC programme planned to test several sites during the remainder of 2010.

OVERVIEW OF THE GEOCHEM SURVEY

Australian gold and nickel focused, St George Mining Limited (**ASX:SGQ**) (**'St George Mining'** or **'the Company'**) has completed a geochemical soil survey covering 615 km^2 of the tenement area at its East Laverton Property in the North-Eastern Goldfields region of Western Australia.

John Prineas, Executive Chairman of St George Mining said that the results of the geochemical sampling strengthen the Company's belief that the East Laverton Property represents the early stages of a large and highly prospective mineral field:

"These are very exciting results. The geochem sampling has confirmed the prospectivity of our advanced gold targets, particularly Desert King, Desert Knight and Desert Dragon, and these will be targeted for drilling in our maiden drilling campaign this year following our recent successful IPO. The discovery of the new Balmoral gold prospect is very significant and infill sampling will help us to understand how attractive this new gold system may be," Mr Prineas said.

Survey results have demonstrated the effectiveness of the Company's Predictive Exploration Model and have shown that the multi-element partial-leach MMI (mobile metal ion) geochemistry provides an expedient and cost-effective means to assess the tenement holding at the East Laverton Property.

TECHNICAL DETAILS OF THE SURVEY

The initial regional survey involved the collection of 2,830 samples on a 500m staggered grid. Areas that were identified as prospective on the basis of initial anomalous geochemical responses underwent infill sampling on a 100 m staggered grid. A total of 3,382 infill samples have been collected from these areas to-date.

The aim of the survey is to identify areas that are geochemically anomalous in gold. Areas showing a concentration of "anomalous" and "highly anomalous" gold samples, taken on a 500 m x 500 m grid, are categorised as highly prospective areas. These potentially represent a focused gold system, and are priority areas for further exploration including infill sampling, geophysics and drilling. The maps set out below illustrate the successful identification of these highly populated anomalous areas at the East Laverton Property.

The combined population of "anomalous" and "strongly anomalous" gold sample values from this survey represent only 2.2% of the entire number of samples taken. The successful identification of discrete highly anomalous areas within the broader tenement area validates the integrity of the survey process at the East Laverton Property, and will enable further exploration work to be focused in a cost effective manner on these areas, increasing the likelihood of exploration success.

The ongoing geochemical sampling activity has two components: (i) infill sampling of priority areas: and (ii) an extension of this highly effective regional sampling programme over the remaining area of the East Laverton Property.

CRUSADER GOLD PROJECT – NEW TARGETS

Two major gold systems have been identified so far by the geochemical survey:

- A large gold system with a surface geochemical expression of 5 km x 3 km has been identified in the north-west section of the tenement area, and surrounds the known prospects at Desert King and Desert Knight. This significantly increases the prospectivity of not only these two known prospects but the broader area.

- The gold mineralisation in the area is controlled by the intersections of a major NE-SE cross structure, where it intersects the regional NW-SE shears and trend. This is located further to the north-east of the Desert King and Desert Knight area and along the same structure as the Crown and Windsor gold prospects. The ongoing soil geochemical survey is currently testing these areas.

- A large and completely new gold system with a surface geochemical expression of 3 km x 2 km has been identified in a significant geological and structural setting (the Balmoral Gold Prospect) in the central-eastern part of the tenements.

Figure 1 (below) illustrates the gold sampling undertaken over the broad tenement area, and highlights some of the major gold prospects, while **Figure 2** (below) illustrates the sampling at the highly prospective Desert Dragon prospect.

ZEUS NICKEL PROJECT – NEW TARGETS

The MMI soil geochemistry survey also appears to have identified several significant nickel-sulphide (NiS) targets, coincident with geological settings permissive of komatiitic magma channels, including:

- A strongly anomalous nickel and copper geochemical anomaly coincident with the previously identified geophysical TEM anomaly, which is permissive of massive nickel sulphides, at the Aphrodite Nickel Prospect.
- A strongly anomalous nickel, copper and gold anomaly at the newly identified Poseidon prospect. The associated gold mineralisation implies reactivation of the older structure during a later gold event, and supports the view that this is an ancient and fundamental crustal rift.
- Numerous other nickel, copper and gold anomalies have also been identified, throughout the wider tenement area. Most nickel and copper anomalies are associated with previously inferred komatiitic magma channel targets.

Figure 3 (below) illustrates the nickel sampling undertaken over the broad tenement area and highlights some of the major nickel prospects.

2010 DRILLING PROGRAM

A maiden drilling programme of 3,600 m of reverse circulation drilling has been planned to test several areas at the East Laverton Property during the remainder of 2010. Further details regarding the drilling program will be announced shortly.

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FIGURE 1

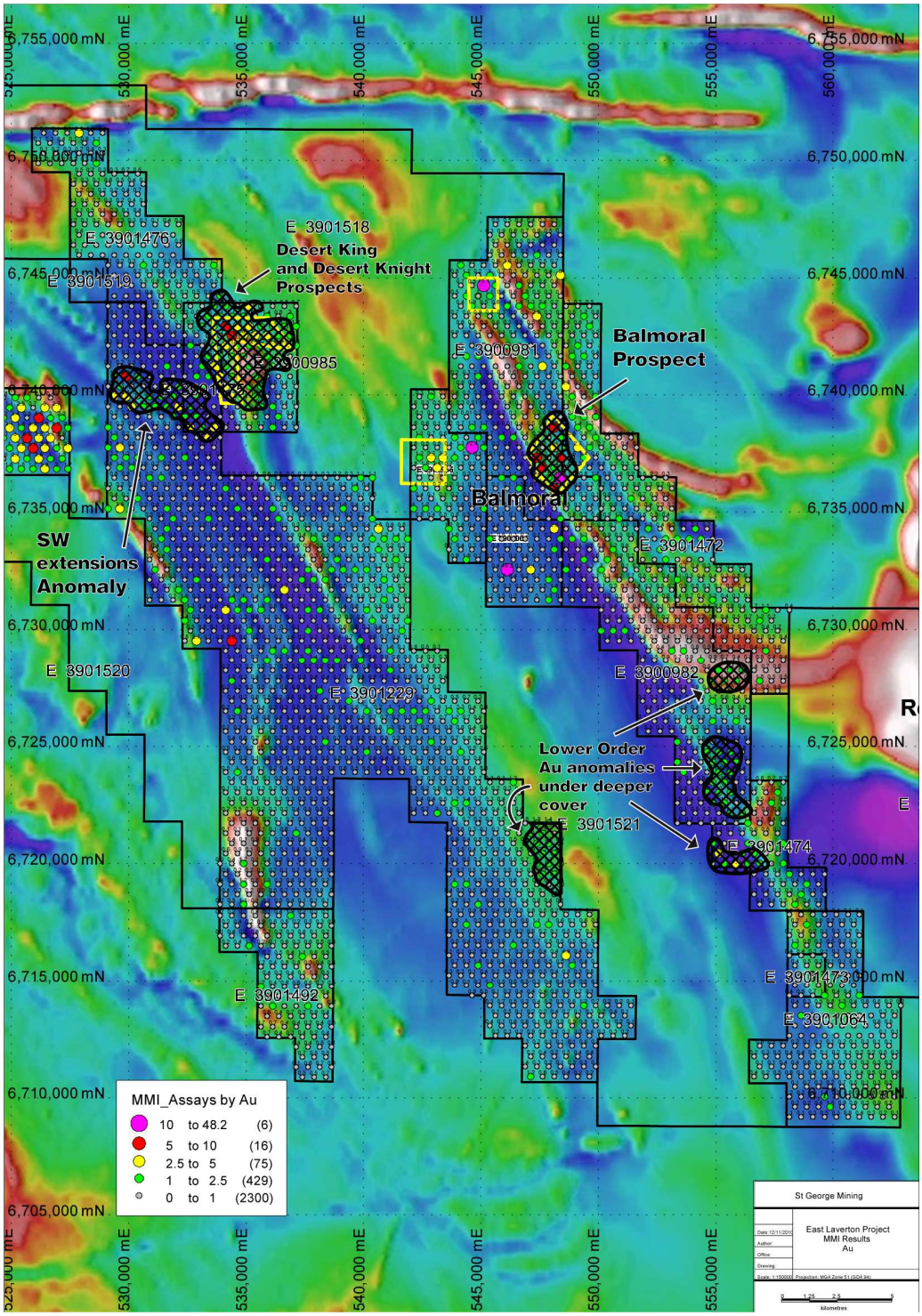
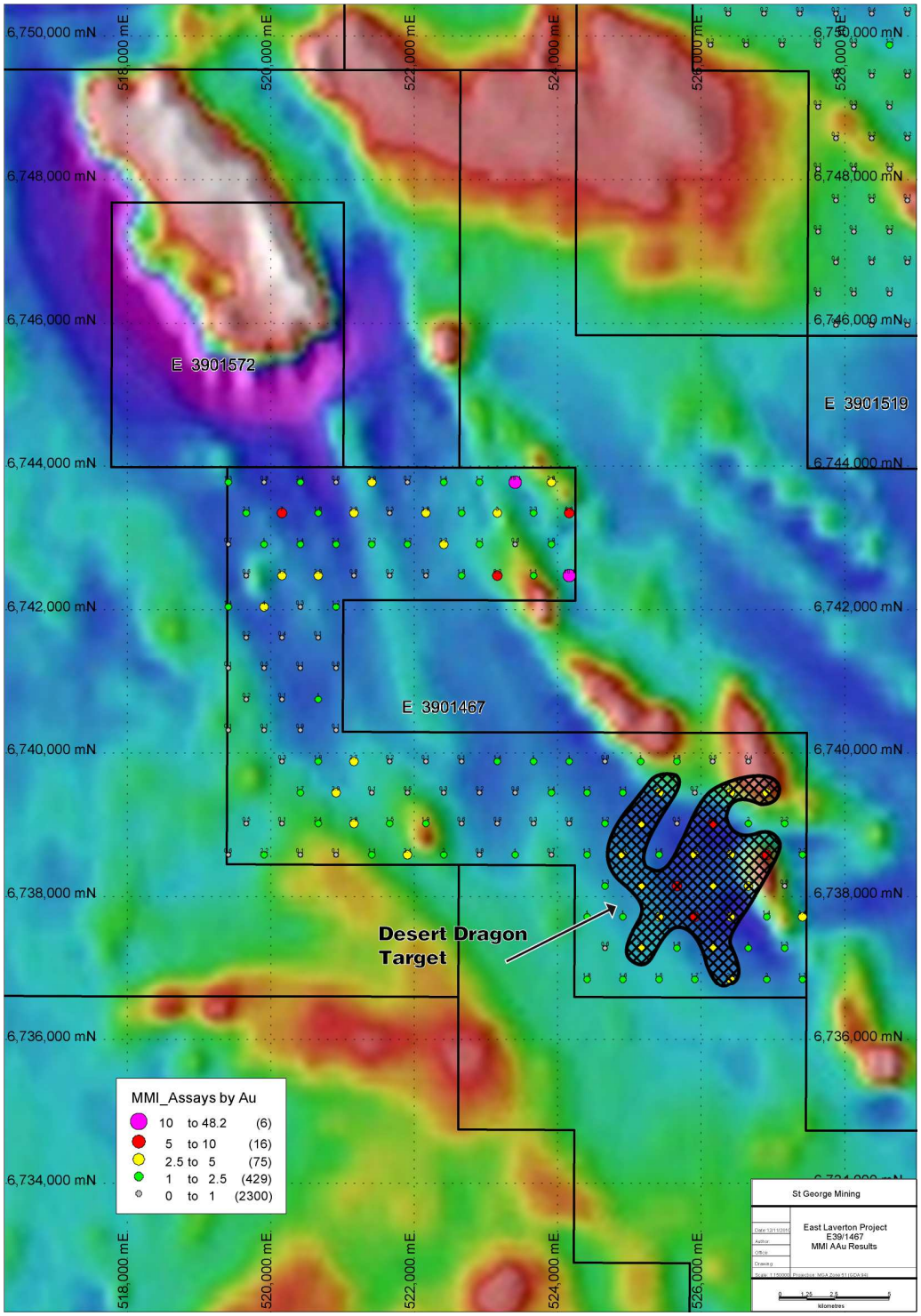

E 3901518
Desert King
and Desert Knight
Prospects
E 3901476
E 3901519
E 3900985
E 3900981
Balmoral
Prospect
Balmoral
SW
extensions
Anomaly
E 3901472
E 3901520
E 3901229
E 3900982
Lower Order
Au anomalies
under deeper
cover
E 3901521
E 3901474
E 3901492
E 3901473
E 3901064
MMI_Assays by Au
10 to 48.2 (6)
5 to 10 (16)
2.5 to 5 (75)
1 to 2.5 (429)
0 to 1 (2300)
St George Mining
East Laverton Project
MMI Results
Au

FIGURE 2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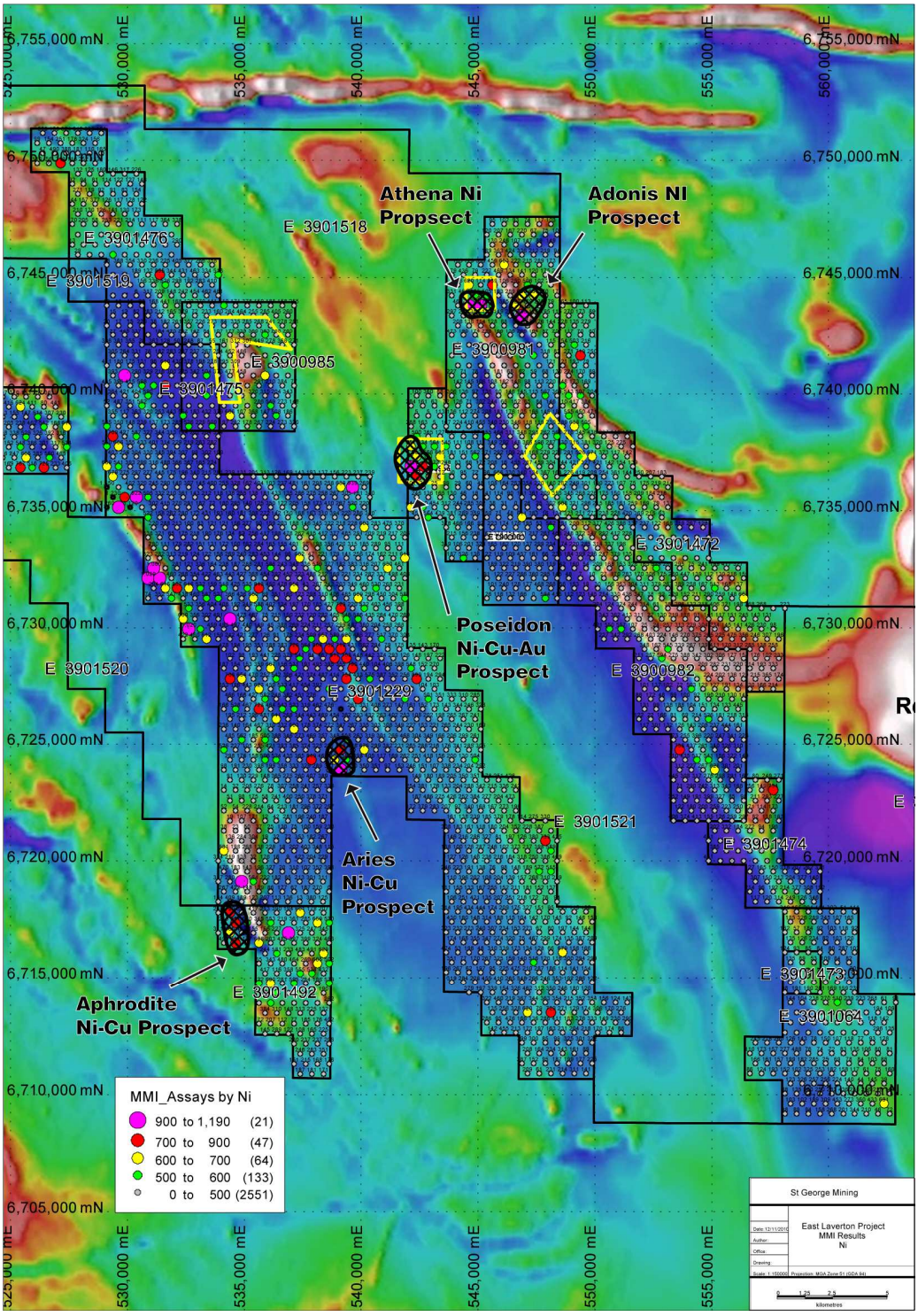
6,748,000 mN
6,746,000 mN
6,744,000 mN
6,742,000 mN
6,740,000 mN
6,738,000 mN
6,736,000 mN
6,734,000 mN
518,000 mE
520,000 mE
522,000 mE
524,000 mE
526,000 mE
528,000 mE
E 3901572
E 3901519
E 3901467
Desert Dragon
Target
MMI_Assays by Au
10 to 48.2 (6)
5 to 10 (16)
2.5 to 5 (75)
1 to 2.5 (429)
0 to 1 (2300)
St George Mining
East Laverton Project
E39/1467
MMI AAu Results

FIGURE 3


Athena Ni Propsect
Adonis NI Prospect
Poseidon Ni-Cu-Au Prospect
Aries Ni-Cu Prospect
Aphrodite Ni-Cu Prospect
E 3901518
E 3901476
E 3901519
E 3900985
E 3901475
E 3900981
E 3901472
E 3900982
E 3901520
E 3901229
E 3901521
E 3901474
E 3901492
E 3901473
E 3901064
6,755,000 mN
6,750,000 mN
6,745,000 mN
6,740,000 mN
6,735,000 mN
6,730,000 mN
6,725,000 mN
6,720,000 mN
6,715,000 mN
6,710,000 mN
6,705,000 mN
525,000 mE
530,000 mE
535,000 mE
540,000 mE
545,000 mE
550,000 mE
555,000 mE
560,000 mE
MMI_Assays by Ni
900 to 1,190 (21)
700 to 900 (47)
600 to 700 (64)
500 to 600 (133)
0 to 500 (2551)
St George Mining
East Laverton Project
MMI Results
Ni
kilometres

COMPETENT PERSON STATEMENT:

The information in this announcement that relates to Exploration Results and Mineral Resources is based on information compiled by Andrew Hawker of Hawker Geological Services Pty Ltd. Mr Hawker 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 Hawker 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 Hawker consents to the inclusion of information in this announcement in the form and context in which it appears.