# ASX / MEDIA RELEASE

12 November 2015

## ST GEORGE IDENTIFIES NEW NICKEL SULPHIDE TARGET AT WINDSOR NORTH

**HIGHLIGHTS:**

- **Prospective ultramafic outcrop identified at Windsor North by recent reconnaissance**
- **Previous drilling in the target area has intersected thick sequences of komatiite ultramafic with nickel and PGE anomalism**
- **Co-incident Ni-Cu soil anomaly supports prospectivity for nickel sulphide mineralisation**
- **Initial drill hole to be completed at Windsor North as the drill rig mobilises north to Desert Dragon to test EM conductors in prospective geological positions**

**PRIORITY NICKEL SULPHIDE TARGET AT WINDSOR NORTH**

St George Mining Limited (ASX: **SGQ**) ('St George Mining' or 'the Company') is pleased to announce that a new nickel sulphide target has been identified at the Windsor North nickel sulphide prospect within the Company's 100% owned East Laverton Property in Western Australia.

An outcrop of weathered ultramafic rock was identified at Windsor North during reconnaissance field work by our technical team. Portable XRF analysis of samples from the outcrop detected elevated nickel and iron values, warranting further exploration for the potential of sulphide mineralisation at depth.

The outcrop is situated proximal to a moderate to high MgO komatiite unit identified in historical drill hole SRNC4. That drill hole, which was completed to a depth of only 58m, also identified nickel anomalism with 2m @ 0.40%Ni from 50m in saprock or fresh rock.

PGE anomalism was also identified in nearby drill hole DDRC031 drilled by St George in 2014, with 9m @ 117ppb Pt+Pd from 128m. Significantly, the PGEs are situated on the contact of the ultramafic unit.

The exploration potential of the prospect is boosted by the presence of a co-incident broad Ni-Cu soil anomaly over the target. The absence of later cover sequences over much of the prospect area indicates that surface geochemical sampling is an effective exploration method at Windsor North, as results are likely to represent the geochemistry of the underlying Archean rocks.

**John Prineas Executive Chairman, said:**

"Windsor North has a number of very favourable features supporting its prospectivity for nickel sulphides.

"With only minimal exploration to date, this target offers a tremendous opportunity for St George to apply modern exploration techniques to provide a breakthrough result.

"This exciting new nickel sulphide target is an example of the growing pipeline of targets at the East Laverton Project."

**Portable XRF Analysis of the Outcrop:**
Interim XRF analysis of rock chip samples from the weathered ultramafic outcrop show elevated metal values of 61% iron, 2,700ppm nickel and 3,200ppm sulphur. An additional rock chip sample from a ferruginous outcrop adjacent to the ultramafic had XRF values of 66% iron and 1,400ppm lead. The anomalous metal values in the outcrops could reflect weathering of primary sulphides.

The surface expression of many sulphide-rich bodies is a local area of ferruginous and gossanous material. The identification of ferruginous outcrop with elevated metal values at Windsor North may have significance for primary sulphide mineralisation.

A number of rock chip samples from the ferruginous outcrop have been sent for laboratory assays and a more conclusive determination of the metal content of the outcrop will be determined once the assays are available.

**Geochemical Soil Anomaly:**
St George completed a soil geochemical survey over the Windsor North prospect area in 2012. This wide-spaced survey identified an anomalous and co-incident Ni-Cu soil anomaly. These soil values support the prospectivity of the area to host primary nickel sulphide mineralisation at depth.

The soil survey was completed on a 500m grid and used partial leach geochemistry. The co-incident Ni-Cu soil anomaly identified by this survey is shown in Figure 1.

There were six individual co-incident Ni-Cu samples within this broad anomaly, with two of these being within the immediate target area. The broad Ni-Cu soil anomaly reflects an area where a number of sample values were higher than, and anomalous to, the overall sample values across the survey grid.

The Windsor North prospect area has little or no younger cover, meaning that the regolith sampled in the soil survey is residual (i.e. derived from the underlying bedrock) rather than being transported from another location. In this scenario, surface geochemical sampling is considered effective in detecting underlying mineralisation because the surface materials sampled are directly derived from the underlying rock.

**Drilling Results:**
Previous drill hole DDRC031, completed by St George in 2014, intersected 9m @ 117ppb Pt+Pd from 128m. Elevated PGEs in ultramafics may be indicative of the presence of magmatic sulphides and can potentially occur as a halo around a massive nickel sulphide deposit. Importantly, the elevated PGEs in DDRC031 are located on an ultramafic contact where massive nickel sulphides may have accumulated.

Historical drill hole SRNC4, completed by a previous explorer, intersected 38m @ 0.36%Ni from 18m. This shallow hole was completed to only 58m, and geological logging suggests that the first 50m was weathered ultramafic and the section from 50m to 58m was saprock or fresh rock. The assays for this intersection include 2m @ 0.40%Ni from 50m, which may be nickel sulphide..

The very limited drilling to date has established the presence of moderate to high MgO komatiites as well as favourable geochemical indicators for nickel sulphide mineralisation.

**Planned Drilling:**
Figure 1 illustrates the location of the previous drill holes as well as five drill holes designed by St George to test the Windsor North prospect. In the initial phase of exploration for this prospect, only one of the planned holes will be drilled.

As the drill rig mobiles from Windsor to Desert Dragon, it will pause at Windsor North to complete planned drill hole WNProp14.

This drill hole will be drilled to a depth of 350m. It will test for prospective ultramafics at depth and along strike from the nickel and PGE anomalism in holes SRNC4 and DDRC031, and below the ferruginous outcrop identified.

The new hole will provide valuable geochemical data to allow for further exploration planning at Windsor North. The new hole will also be cased with PVC piping to allow a downhole EM survey to be completed.

If the drilling schedule permits, the drill rig may return to Windsor North after the drilling of the EM conductors at Desert Dragon is completed.

A flat lying 2km long EM (electromagnetic) plate was identified at Windsor North following the moving loop electromagnetic survey completed by St George in 2013. This large EM conductor may represent a structure which could have remobilised any massive sulphides. Future drilling will be designed to test this EM plate.

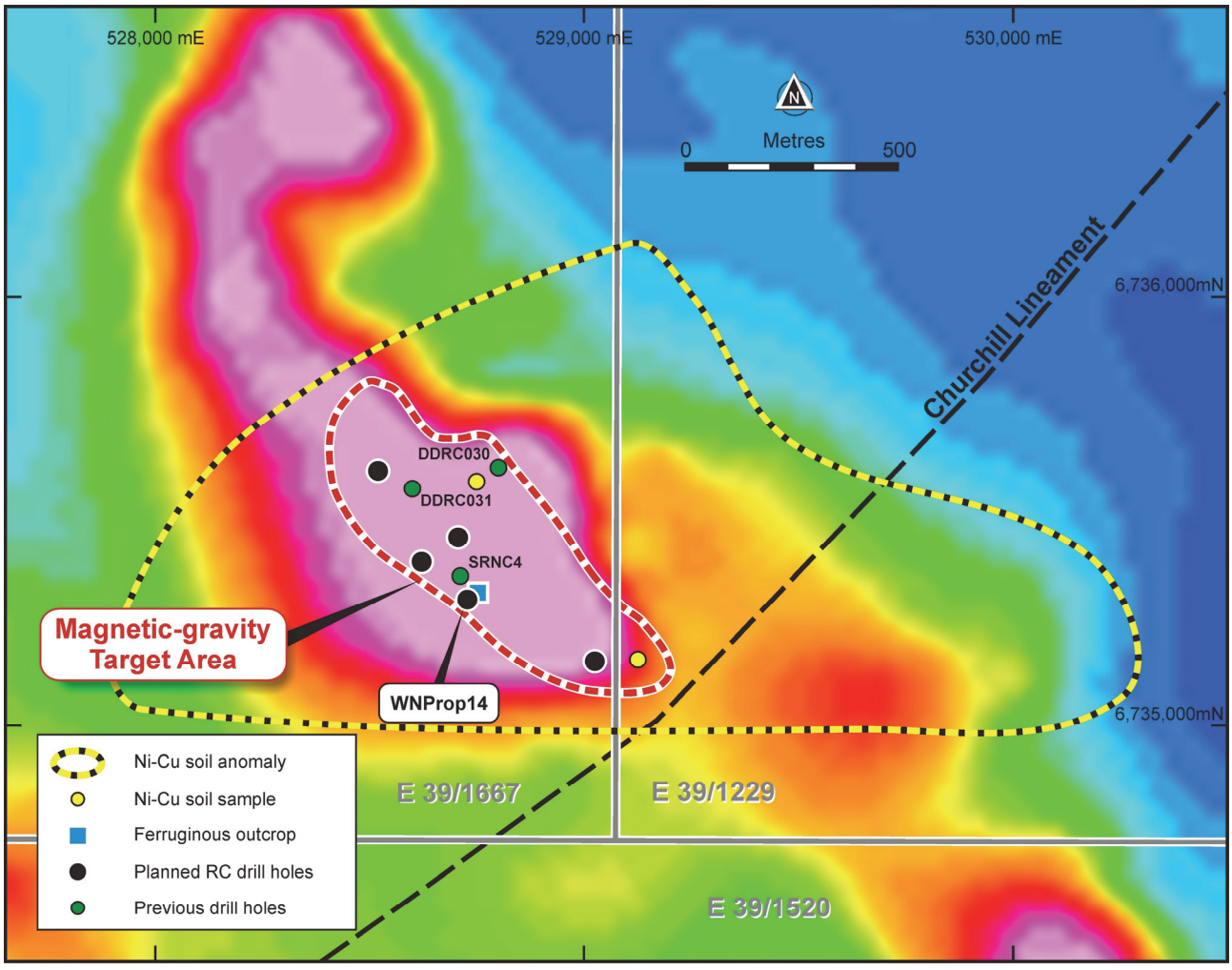


*Figure 1 – plan view of Windsor North against TMI magnetics. Historical drill holes and the planned drilling by St George are highlighted as well as the co-incident Ni-Cu soil anomaly and the two high value samples within the target area.*

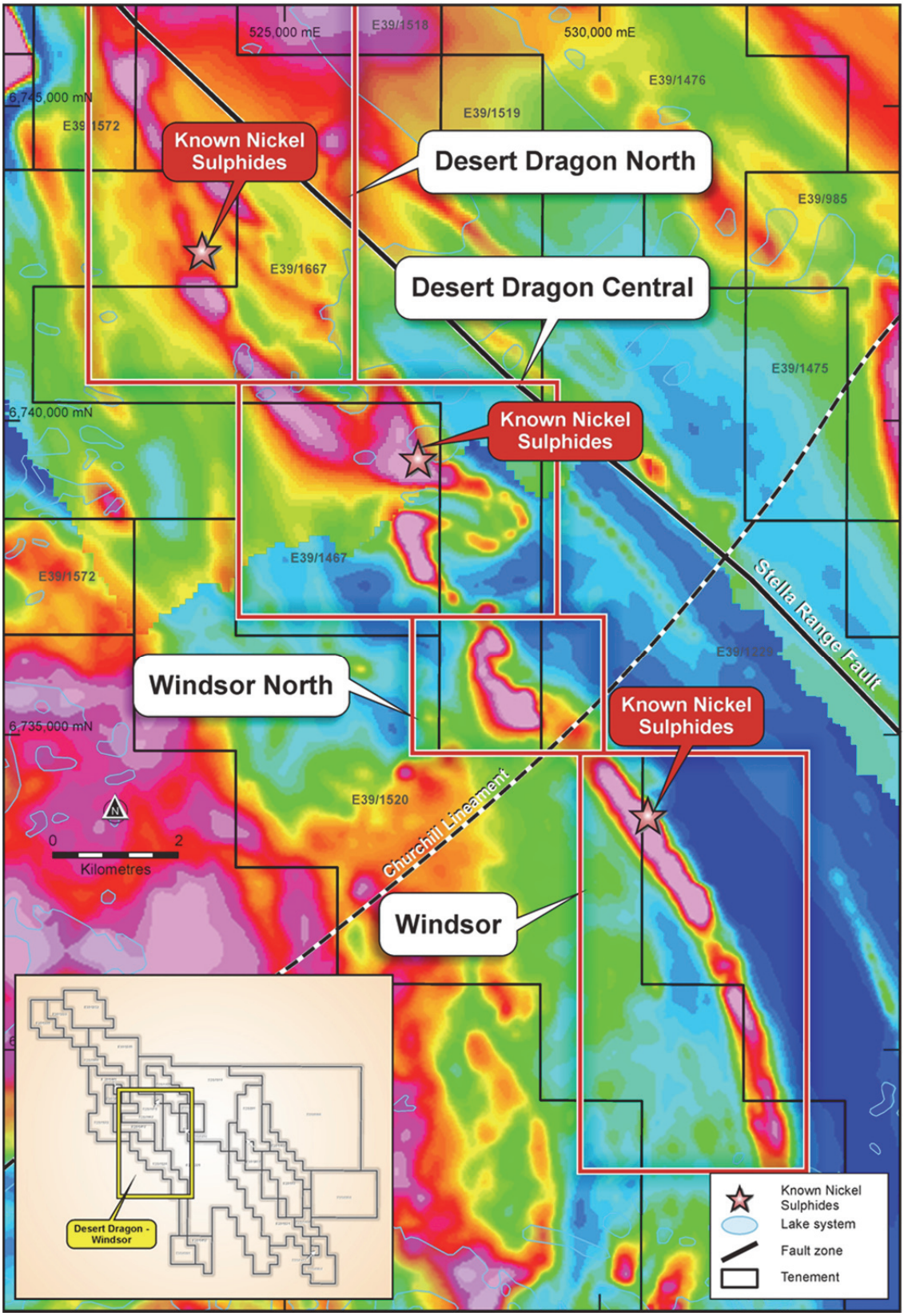


*Figure 2 – the Windsor North prospect is within a priority 18km section of the Stella Range belt (the inset shows the location of this priority section within the tenement package at the East Laverton Project). Drilling in the current campaign commenced at Windsor. Windsor North will be the next target to be drilled, following which the drill rig will move northwards to Desert Dragon for testing of EM conductors in favourable geological positions.*

**XRF ANALYSIS**

References to XRF results relate to analysis using a hand-held Olympus Innov-X Spectrum Analyser. This portable device provides immediate analysis of modal mineralogy of rock and drill samples. The device is unable to reliably detect precious metals in samples but is considered to be more reliable for base metal assessment.

Unless otherwise stated, values determined by XRF analysis are based on one spot reading and may not be representative of the actual metal content in that sample. As such, results from XRF analysis are stated as indicative only and are preliminary to subsequent confirmation by geochemical analysis at Intertek Genalysis Laboratories.

**PARTIAL LEACH SOIL GEOCHEMISTRY**

The soil geochemical survey completed by St George at Windsor North utilised partial leach methodology. This is an innovative analytical process that uses a unique approach to the analysis of metals in soils and weathered materials.

Target elements are extracted using weak leaching solutions of organic and inorganic compounds rather than the conventional and more aggressive acid or cyanide-based digests. Weak solutions only dissolve the metal ions that are loosely bound to soil particles by weak atomic forces.

The extraction does not dissolve the bound forms of the metal ions that may be the remobilised product of previous weathering episodes. The metal ions in the weak leach solutions are present at very low (parts per billion) concentrations. Samples are taken at relatively shallow depths, and the analysis is done on a 50 gram pulp, with the extracted solution analysed by ICP-MS.

The levels of the assayed metal will always be higher in conventional geochemistry (e.g. bulk sampling) when compared to partial leach soil sampling. Partial leach only measures the metal ions recently released from source through weathering. This can result in more sharply defined and local anomalies, which can focus follow-up exploration. Conventional geochemical soil values are typically expressed in parts per million (ppm) whereas partial leach sampling provides values in parts per billion (ppb).

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**Competent Person Statement:**

The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Timothy Hronsky, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Hronsky is employed by Essential Risk Solutions Ltd which has been retained by St George Mining Limited to provide technical advice on mineral projects.

Mr Hronsky has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Hronsky consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

## The following section is provided for compliance with requirements for the reporting of exploration results under the JORC Code, 2012 Edition.

## Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections)

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| ***Sampling techniques*** | *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* | This ASX Release dated 12 November 2015 reports on a new nickel sulphide target at the Company's East Laverton Project. The ASX Release does not report any new exploration results, and the new target is based on past exploration results particularly drilling programs and electromagnetic surveys completed recently at the Project.<br><br>Drilling programs have included diamond core drilling completed by DDH1 Drilling Pty Ltd and reverse circulation (RC) drilling completed by VM Drilling Pty Ltd.<br><br>Diamond drilling was undertaken by DDH1 in 2014 and 2015 using a Sandvik 1200 Multipurpose truck mounted drill rig. RC drilling was undertaken by VM Drilling in 2014 using a Schramm 685 truck mounted drill rig. The current RC drilling program will also be carried out by VM Drilling using the same rig.<br><br>*Diamond Core Sampling:* The core is removed from the drill rig and laid out for initial analysis in the field. The core is measured and marked up at 1m intervals against the drillers blocks, which are themselves checked against the drillers log books where required. The visible structural features on the core are measured against the core-orientation lines.<br><br>Onsite XRF analysis is conducted using a hand-held Olympus Innov-X Spectrum Analyser. The XRF analysis is used to systematically review diamond drill core, with a single reading taken every metre, except in the case of core loss. These results are only used for onsite interpretation and preliminary base metal assessment subject to final geochemical analysis by laboratory assays.<br><br>The sections of the core that are selected for assaying are marked up and recorded on a "cut-sheet" which provides a control on the intervals that will be cut and sampled at a duly certified assay laboratory. Core is prepared for analysis at 1m intervals or at lesser intervals of geological significance. Core is cut in half lengthways and then numbered samples are taken as per the "cut-sheet".<br><br>Diamond core provides high quality samples that are logged for lithological, structural, geotechnical, density and other attributes. Sampling is under QAQC procedures as per industry best practice.<br><br>*RC Sampling:* All samples from the RC drilling are taken as 1m samples. Samples are sent to Intertek Laboratories for assaying.<br><br>Appropriate QAQC samples (standards, blanks and duplicates) are inserted into the sequences as per industry best practice.<br><br>Samples are collected using cone or riffle splitter. Geological logging of RC chips is completed at site with representative chips being stored in drill chip trays.<br><br>Onsite XRF analysis is conducted on the fines from RC chips using a hand-held Olympus Innov-X Spectrum Analyser. These results are only used for onsite interpretation and preliminary assessment subject to final geochemical analysis by laboratory assays.<br><br>*Moving loop electromagnetic (MLEM) survey*: The MLEM survey is designed and managed by Newexco, with field work contracted to Bushgum Pty Ltd. The MLEM survey is conducted at several prospects within the project area. |

| Criteria | JORC Code explanation | Commentary |
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| | | Key specifications of the MLEM survey are:<br>Stations Spacing: 100m<br>Loop: 400m, 200m<br>Line Spacing: 400m<br>Components: x y z<br>Orientation: X along line (local east - positive).<br>Line direction: 58.35, 90 degrees<br>Frequency: 0.5, 0.25 Hz<br>Channels: SMARTem Standard.<br>Receiver: Fluxgate<br>Number turns: 1<br>Current: Typically 50 A.<br>Repeats: Minimum 3 consistent readings per station.<br>*Down-hole electromagnetic (DHEM) survey*: A DHEM survey will be completed for certain drill holes. The DHEM survey is designed and managed by Newexco Services Pty Ltd, with field work contracted to Bushgum Holdings Pty Ltd.<br>Key specifications of the DHEM survey are:<br>*System:* *Atlantis (analogue)*<br>*Components:* *A, U, V*<br>*Component direction:*<br>• *Ba – Parallel to hole axis, positive up hole.*<br>• *Bu – Perpendicular to hole axis: toward 12 o' clock when looking down hole.*<br>• *Bv – Perpendicular to hole axis: toward 9 o' clock when looking down hole.* |
| | *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* | *Diamond Core Sampling:* For diamond core samples, certified sample standards were added as every 25$^{th}$ sample. Core recovery calculations are made through a reconciliation of the actual core and the driller's records. Downhole surveys of dip and azimuth were conducted using a single shot camera every 30m to detect deviations of the hole from the planned dip and azimuth. The drill-hole collar locations were recorded using a hand held GPS, which has an accuracy of +/- 5m. At a later date the drill-hole collar will be surveyed to a greater degree of accuracy.<br>*RC Sampling:* The RC drilling rig has a cone splitter built into the cyclone on the rig. Samples are taken on a one meter basis and collected directly from the splitter into uniquely numbered calico bags. The calico bag contains a representative sample from the drill return for that metre. This results in a representative sample being taken from drill return, for that metre of drilling. The remaining majority of the sample return for that metre is collected and stored in a green plastic bag marked with that specific metre interval. The cyclone is blown through with compressed air after each plastic and calico sample bag is removed. If wet sample or clays are encountered then the cyclone is opened and cleaned manually and with the aid of a compressed air gun.<br>A large auxiliary compressor ("air-pack") is mounted on a separate truck and the airstream is connected to the rig. This provides an addition to the compressed air supplied by the in-built compressors mounted on the drill rig itself. This auxiliary compressor maximises the sample return through restricting air pressure loss, especially in |

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| | | deeper holes. In addition, the high and consistent levels of air pressure minimise the number of drill samples.<br><br>Geological logging of RC chips is completed at site with representative chips being stored in drill chip trays. Downhole surveys of dip and azimuth are conducted using a single shot camera every 30m to detect deviations of the hole from the planned dip and azimuth. The drill-hole collar locations were recorded using a hand held GPS, which has an accuracy of +/- 5m. At a later date the drill-hole collar will be surveyed to a greater degree of accuracy.<br><br>*MLEM Survey:* Field calibration of the survey instruments using standards is undertaken each day. A minimum of 3 consistent readings per station are taken to ensure accuracy of data collected.<br><br>*DHEM Survey:* For the DHEM survey, the polarity of each component is checked to ensure the system was set up using the correct component orientations. The hole position is corrected for trajectory using orientation survey data. |
| | *Aspects of the determination of mineralisation that are Material to the Public Report.*<br><br>*In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.* | *Diamond Core Sampling: C*ore is drilled with HQ and NQ2 size and sampled as half core to produce a bulk sample for analysis. Intervals vary from 0.3 – 1m maximum and are selected with an emphasis on geological control.<br><br>Assays have been completed at either SGS Laboratories or Intertek Genalysis ("Lab") in Perth. Samples are sent to the Lab where they are crushed to 6 mm and then pulverised to 75 microns. A 30 g charge of the sample is fire assayed for gold, platinum and palladium. The detection range for gold is 1 – 2000 ppbAu, and 0.5 – 2000 ppb for platinum and palladium. This is believed to be an appropriate detection level for these elements within this specific mineral environment. However, should Au, Pt or Pd levels reported exceed these levels an additional assay method will be used to re-test samples.<br><br>All other metals will be analysed using an acid digest and an ICP finish. The sample is digested with nitric, hydrochloric, hydrofluoric and perchloric acids to effect as near to total solubility of the sample as possible. The solution containing samples of interest, including those that need further review, will then be presented to an ICP-OES for the further quantification of the selected elements.<br><br>*RC Sampling:* A 1m composite sample is taken from the bulk sample of RC chips that may weigh in excess of 40 kg. Assay preparation is for the current drilling program will be completed by Intertek.<br><br>Assays are undertaken at Intertek in Kalgoorlie and Perth. Samples are sent to Intertek where they are crushed to 6 mm and then pulverised to 75 microns. A 30 g charge of the sample is fire assayed for gold, platinum and palladium. The detection range for gold is 1 – 2000 ppbAu, and 0.5 – 2000 ppb for platinum and palladium. This is believed to be an appropriate detection level for these elements within this specific mineral environment. However, should Au, Pt or Pd levels reported exceed these levels an additional assay method will be used to re-test samples.<br><br>All other metals will be analysed using an acid digest and an ICP finish. The sample is digested with nitric, hydrochloric, hydrofluoric and perchloric acids to effect as near to total solubility of the sample as possible. The solution containing samples of interest, including those that need further review, will then be presented to an ICP-OES for the further quantification of the selected elements. |
| ***Drilling techniques*** | *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-* | *Diamond Core Sampling:* The collars of the diamond holes were drilled using RC drilling down through the regolith to the point of refusal or to a level considered geologically significant to change to core. The hole was then continued using HQ diamond core until the |

| Criteria | JORC Code explanation | Commentary |
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| | *sampling bit or other type, whether core is oriented and if so, by what method, etc).* | drillers determined that a change to NQ2 coring was required.<br><br>The core is oriented and marked by the drillers. The core is oriented using ACT Mk II electric core orientation.<br><br>*RC Sampling:* The RC drilling uses a 140 mm diameter face hammer tool. High capacity air compressors on the drill rig are used to ensure a continuously sealed and high pressure system during drilling to maximise the recovery of the drill cuttings, and to ensure chips remain dry to the maximum extent possible. |
| ***Drill sample recovery*** | *Method of recording and assessing core and chip sample recoveries and results assessed.* | *Diamond Core Sampling:* Diamond core recoveries/core loss are recorded during drilling and reconciled during the core processing and geological logging. No significant sample recovery problems are thought to have occurred in any holes drilled to date. There has been a notable and consistent competency encountered in the rocks during drilling.<br><br>*RC Sampling:* RC samples are visually checked for recovery, moisture and contamination. Geological logging is completed at site with representative RC chips stored in chip trays. |
| | *Measures taken to maximise sample recovery and ensure representative nature of the samples.* | *Diamond Core Sampling:* Depths are checked against the depth on the core blocks and rod counts are routinely carried out by the drillers. Core loss was recorded by St George geologists and sampling intervals were not carried through core loss.<br><br>*RC Sampling:* Samples are collected using cone or riffle splitter. Geological logging of RC chips is completed at site with representative chips being stored in drill chip trays. |
| | *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.* | To date, no detailed analysis to determine the relationship between sample recovery and grade has been undertaken for any drill program. This analysis will be conducted following any economic discovery.<br><br>The nature of magmatic sulphide distribution hosted by the competent and consistent rocks hosting any mineralised intervals are considered to significantly reduce any possible issue of sample bias due to material loss or gain. |
| ***Logging*** | *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* | Geological logging is carried out on all drill holes with lithology, alteration, mineralisation, structure and veining recorded. |
| | *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* | Logging of diamond core and RC samples records lithology, mineralogy, mineralisation, structures (core only), weathering, colour and other noticeable features. Core was photographed in both dry and wet form. |
| | *The total length and percentage of the relevant intersections logged.* | All drill holes are geologically logged in full and detailed litho-geochemical information is collected by the field XRF unit. The data relating to the elements analysed is used to determine further information regarding the detailed rock composition. |
| ***Sub-sampling techniques and sample preparation*** | *If core, whether cut or sawn and whether quarter, half or all core taken.* | The HQ and NQ2 core is cut in half length ways in Kalgoorlie using an automatic core saw. All samples are collected from the same side of the core. The half-core samples are submitted to the Lab for analysis. |
| | *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* | RC samples are collected in dry form. Samples are collected using cone or riffle splitter when available. Geological logging of RC chips is completed at site with representative chips being stored in drill chip trays. |

| Criteria | JORC Code explanation | Commentary |
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| | *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* | *Diamond Core Sampling:* Diamond core was drilled with HQ and NQ2 size and sampled as complete half core to produce a bulk sample for analysis. Intervals selected varied from 0.3 – 1m (maximum) with a strong geological control (as is possible in diamond core) to ensure grades are representative, i.e. remove any bias through projecting assay grades beyond appropriate geological boundaries.<br><br>Assay preparation procedures ensure the entire sample is pulverised to 75 microns before the sub-sample is taken. This removes the potential for the significant sub-sampling bias that can be introduced at this stage.<br><br>*RC Sampling*: Sample preparation for RC chips follows a standard protocol.<br><br>Assay preparation procedures ensure the entire sample is pulverised to 75 microns before the sub-sample is taken. This removes the potential for the significant sub-sampling bias that can be introduced at this stage. |
| | *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* | *Diamond Core Sampling:* Drill core is cut in half lengthways and the total half-core submitted as the sample. This meets industry standards where 50% of the total sample taken from the diamond core is submitted.<br><br>*RC Sampling:* Field QC procedures maximise representivity of RC samples and involve the use of certified reference material as assay standards, along with blanks, duplicates and barren washes. |
| | *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* | *Diamond Core Sampling:* The retention of the remaining half-core is an important control as it allows assay values to be determined against the actual geology; and where required a quarter core sample may be submitted for assurance. No resampling of quarter core or duplicates has been done at this stage of the project.<br><br>*RC Sampling:* Field duplicates were taken on 1m composites for RC samples. |
| | *Whether sample sizes are appropriate to the grain size of the material being sampled.* | The sample sizes are considered to be appropriate to correctly represent the sulphide mineralisation at the East Laverton Property based on: the style of mineralisation (massive and disseminated sulphides), the thickness and consistency of the intersections and the sampling methodology. |
| ***Quality of assay data and laboratory tests*** | *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* | For diamond core and RC sampling, a 30 gram sample will be fire assayed for gold, platinum and palladium. The detection range for gold is 1 – 2000 ppbAu, and 0.5 – 2000 ppb for platinum and palladium. This is believed to be an appropriate detection level for the levels of these elements within this specific mineral environment. However, should Au, Pt or Pd levels reported exceed these levels; an alternative assay method will be selected.<br><br>All other metals will be analysed using an acid digest and an ICP finish. The sample is digested with nitric, hydrochloric, hydrofluoric and perchloric acids to effect as near to total solubility of the sample as possible. The solution containing samples of interest, including those that need further review, will then be presented to an ICP-OES for the further quantification of the selected elements. |
| | *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* | A handheld XRF instrument (Olympus Innov-X Spectrum Analyser) is used to systematically analyse the drill core and RC chips onsite. Reading time was 60 seconds. The instruments are serviced and calibrated at least once a year. Field calibration of the XRF instrument using standards is undertaken each day.<br><br>For the EM surveys, specifications and quality control measures are noted above. |

| Criteria | JORC Code explanation | Commentary |
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| | *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.* | Laboratory QAQC involves the use of internal lab standards using certified reference material, blanks, splits and replicates as part of in house procedures. The Company will also submit an independent suite of CRMs, blanks and field duplicates (see above). |
| ***Verification of sampling and assaying*** | *The verification of significant intersections by either independent or alternative company personnel.* | Significant intersections are verified by the Company's Technical Director and Consulting Field Geologist. |
| | *The use of twinned holes.* | No twinned holes have been completed. |
| | *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* | Geological data was collected using handwritten log sheets and imported in the field onto a laptop detailing geology (weathering, structure, alteration, mineralisation), sampling quality and intervals, sample numbers, QA/QC and survey data. This data, together with the assay data received from the laboratory and subsequent survey data was entered into the Company's database. |
| | *Discuss any adjustment to assay data.* | No adjustments or calibrations will be made to any primary assay data collected for the purpose of reporting assay grades and mineralised intervals. For the geological analysis, standards and recognised factors may be used to calculate the oxide form assayed elements, or to calculate volatile free mineral levels in rocks. |
| ***Location of data points*** | *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* | Drill hole collar locations are determined using a handheld GPS with an accuracy of +/- 5m.<br>Down hole surveys of dip and azimuth were conducted using a single shot camera every 30m to detect deviations of the hole from the planned dip and azimuths. |
| | *Specification of the grid system used.* | The grid system used is GDA94, MGA Zone 51. |
| | *Quality and adequacy of topographic control.* | Best estimated RLs were assigned during drilling and are to be corrected at a later stage. |
| ***Data spacing and distribution*** | *Data spacing for reporting of Exploration Results.* | The drill programs target EM conductors and other high quality targets for massive nickel sulphide mineralisation. The spacing and distribution of holes is not relevant to these programs. |
| | *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* | Drilling is at the exploration stage. Mineralisation at the East Laverton Property has not yet demonstrated to be sufficient in both geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications to be applied. |
| | *Whether sample compositing has been applied.* | Samples are taken at one metre lengths and adjusted where necessary to reflect local variations in geology or where visible mineralised zones are encountered, in order to preserve the samples as representative. |
| ***Orientation of data in relation to geological structure*** | *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* | The drill holes are drilled towards 060 at an angle of -60 degrees (unless otherwise stated) to intersect the modelled mineralised zones at a near perpendicular orientation. However, the orientation of key structures may be locally variable and any relationship to mineralisation has yet to be identified. |
| | *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.* | No orientation based sampling bias has been identified in the data to date. |
| ***Sample security*** | *The measures taken to ensure sample security.* | Chain of Custody is managed by the Company until samples pass to a duly certified assay laboratory for subsampling and assaying. The cut-core trays and RC sample bags are stored on secure sites and delivered to the assay laboratory by the Company or a competent |

| Criteria | JORC Code explanation | Commentary |
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| | | agent. When in transit, they are kept in locked premises. Transport logs have been set up to track the progress of samples. The chain of custody passes upon delivery of the samples to the assay laboratory. |
| ***Audits or reviews*** | *The results of any audits or reviews of sampling techniques and data.* | Sampling techniques and procedures are regularly reviewed internally, as is data. To date, no external audits have been completed on the drilling programme. |

## Section 2 Reporting of Exploration Results (Criteria listed in section 1 will also apply to this section where relevant)

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| ***Mineral Tenement and Land Status*** | *Type, name/reference number, location and ownership including agreements or material issues with third parties including joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.*<br><br>*The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.* | The East Laverton Property comprises 27 exploration licences, and details are available in the Company's Quarterly Activities Report which can be found on our website at www.stgm.com.au.<br><br>Each tenement is 100% owned by Desert Fox Resources Pty Ltd, a wholly owned subsidiary of St George Mining. Certain tenements are subject to a 2% Net Smelter Royalty in favour of a third party.<br><br>None of the tenements are the subject of a native title claim. No environmentally sensitive sites have been identified at any of the tenements. The tenements are in good standing; no known impediments exist. |
| ***Exploration Done by Other Parties*** | *Acknowledgment and appraisal of exploration by other parties.* | In 2012, BHP Billiton Nickel West Pty Ltd (Nickel West) completed a reconnaissance RC (reverse circulation) drilling programme at the East Laverton Property as part of the Project Dragon farm-in arrangement between Nickel West and the Company. That farm-in arrangement has been terminated. The drilling programme comprised 35 RC holes for 8,560m drilled.<br><br>The results from the Nickel West drilling programme were reported by the Company in its ASX Release dated 25 October 2012 "Drill Results at Project Dragon". Drilling intersected primary nickel sulphide mineralisation and established the presence of fertile, high MgO ultramafic sequences at the East Laverton Property.<br><br>Prior to the Project Dragon drilling programme, there was no systematic exploration for nickel sulphides at the East Laverton Property. Historical exploration in the region was dominated by shallow RAB and aircore drilling, much of which had been incompletely sampled, assayed, and logged. This early work was focused on gold rather than nickel sulphide exploration. |
| ***Geology*** | *Deposit type, geological setting and style of mineralisation* | The Company's East Laverton Property located in the NE corner of the Eastern Goldfields Province of the Archean Yilgarn Craton. The project area is proximally located to the Burtville-Yarmana terrane boundary and the paleo-cratonic marginal setting is consistent with the extensive komatiites found on the property.<br>The drilling at the East Laverton Property has confirmed extensive strike lengths of high-MgO olivine-rich rocks across three major ultramafic belts. Ultramafic rocks of this composition are known to host high grade nickel sulphides. |
| ***Drill hole information*** | *A summary of all information material to the understanding of the exploration results including tabulation of the following information for all Material drill holes:*<br>*• Easting and northing of the drill hole collar*<br>*•Elevation or RL (Reduced Level – elevation above sea level in meters) of the drill hole collar*<br>*• Dip and azimuth of the hole* | Refer to information in the body of this announcement.<br><br>Information regarding exploration results from Project Dragon can be found in the Company's ASX Release dated 25 October 2012 "Drill Results at Project Dragon" which is available to view on www.stgm.com.au.<br><br>Table 1 to this 2012 JORC Section contains drill hole information on |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | • *Down hole length and interception depth*<br>• *Hole length* | DRAC35, DRAC38 and DDNRC002 which were the first drill holes at the East Laverton Property to identify nickel sulphides. |
| ***Data aggregation methods*** | *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.* | No top-cuts have been applied. A nominal 0.15% Ni lower cut-off is applied unless otherwise indicated. |
| | *Where aggregated intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* | High grade massive sulphide intervals internal to broader zones of sulphide mineralisation are reported as included intervals. |
| | *The assumptions used for any reporting of metal equivalent values should be clearly stated.* | No metal equivalent values are used for reporting exploration results. |
| ***Relationship between mineralisation widths and intercept lengths*** | *These relationships are particularly important in the reporting of exploration results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect.* | The geometry of the mineralisation is not yet known due to insufficient deep drilling in the targeted area. |
| ***Diagrams*** | *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plane view of drill hole collar locations and appropriate sectional views.* | Maps will be included with any announcement of any significant discovery, following review of assay results from the drilling programme. |
| ***Balanced Reporting*** | *Where comprehensive reporting of all Exploration Results is not practical, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.* | A comprehensive report on recent drilling at the East Laverton Property can be found in the following ASX Releases that are available on our website at www.stgm.com.au:<br>3 September 2014 '*Nickel Sulphide Drilling – Update on Phase 1'*<br>11 February 2015 *'St George Extends Nickel Sulphide Zone'*.<br>17 August 2015 *'Assays Confirm Nickel Sulphide Zone at Desert Dragon Central'* |
| ***Other substantive exploration data*** | *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observation; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.* | All meaningful and material information has been included in the body of the text. No metallurgical or mineralogical assessments have been completed. |
| ***Further Work*** | *The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large – scale step – out drilling).*<br>*Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.* | A discussion of further exploration work is contained in the body of the ASX Release. |

| HOLE ID | NORTHING (m) | EASTING (m) | DIP (deg) | AZM (deg) | DEPTH (m) | FROM (m) | TO (m) | WIDTH (m) | Ni (%) | Cu (ppm) | Pt+Pd (ppb) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **DRAC35** | 6739401 | 527150 | -60 | 250 | 244 | 100 | 118 | 18 | 0.40 | 342 | 197 |
| | | | | | | 100 | 104 | 4 | 0.57 | 366 | 294 |
| | | | | | | 112 | 114 | 2 | 0.51 | 584 | 281 |
| **DRAC38** | 6733696 | 530786 | -60 | 250 | 298 | 108 | 138 | 30 | 0.31 | 10 | 31 |
| | | | | | | 132 | 138 | 6 | 0.48 | 40 | 48 |
| | | | | | | 132 | 134 | 2 | 0.62 | 92 | 53 |
| **DDNRC002** | 6742718 | 523717 | -60 | 59 | 246 | 53 | 60 | 7 | 0.54 | | |
| | | | | | | 53 | 55 | 2 | 1.08 | | |

*Table 1 to 2012 JORC Section – Significant intersections in DRAC35, DRAC38 and DDNRC002.*

*These historical holes are the first identification of nickel sulphides at the East Laverton Property. For further details on DRAC35 and DRAC38, see the ASX Release dated 25 October 2012 "Drill Results at Project Dragon". For further details on DDNRC002, see the ASX Release dated 11 April 2013 "St George Provides Exploration Update". These ASX Releases are available to view on the Company's website at www.stgm.om.au*