23 February 2022

MT ALEXANDER HIGH-GRADE NICKEL-COPPER SULPHIDE PROJECT – DRILLING AND DEVELOPMENT UPDATE

HIGHLIGHTS

Drilling of seismic targets continues:

- **MAD207 in progress to test seismic target S2**
- **Drilling is at 272m downhole ahead of a planned depth of 660m**

Strong conductors identified by downhole electromagnetic (DHEM) surveys:

- **Very strong off-hole conductor – modelled with conductivity of 76,000 Siemens – identified by DHEM survey in MAD204 at the West End Prospect and interpreted to be consistent with massive nickel-copper sulphides**
- **New conductor is located down-dip (north-west) of the 81,000 Siemens conductor identified from the DHEM survey in the nearby drill hole MAD202**
- **The proximity of the two conductors on the same horizon suggests a potential conductive horizon of more than 70m that is open at depth**
- **The multiple EM conductors identified at West End indicate potential for a greater volume of mineralisation to be present along strike or down-dip**

Environmental surveys report issued for Mt Alexander:

- **Positive findings from report on detailed flora and vegetation surveys at Mt Alexander – no flora issues identified that would be inconsistent with mining activities**
- **Surveys covered two field seasons and meet the requirements of an Impact Assessment to support future mining proposals at Mt Alexander**

Growth-focused Western Australian nickel company St George Mining Limited (ASX: **SGQ**) ("**St George**" or "**the Company**") is pleased to provide an update on exploration and development activities at its flagship high-grade Mt Alexander Project, located in the north-eastern Goldfields.

John Prineas, St George Mining's Executive Chairman, said:
"We are progressing on a number of fronts at Mt Alexander, which is one of the most exciting emerging nickel sulphide projects in the world.

"Our exploration initiatives continue to identify quality targets for deeper deposits of the mineralisation that is so unique at Mt Alexander – a combination of high-grade nickel, copper, cobalt and platinum group metals that is simply not seen anywhere else in Australia.

"Final metallurgical results from Canada are expected very shortly and we expect these to reinforce the potential to commercialise this unique high-grade mineralisation through the production of separate nickel and copper concentrates that will also receive high credits for precious and platinum group metals.

"In further good development news, our extensive flora and vegetation field surveys at Mt Alexander have demonstrated that mining activities would be able to comply with regulatory environmental requirements.

"We are excited to be drilling our first set of seismic targets – including S2 which is underway – and keenly await the results of this campaign. Our intrusive-style mineralisation is hosted in the structures that have been clearly mapped by our initial seismic survey. The new information gained through drilling is therefore a great advance in targeting that could provide an exploration breakthrough.

"We are also prioritising testing of our EM targets, where we have enjoyed a 100% success rate with all conductors drilled confirmed as nickel-copper sulphides. The latest conductor from MAD204 is a compelling target and has the potential to be part of a larger and open mineralised horizon.

"While our primary focus is at Mt Alexander, we are also advancing value-creating opportunities at our 100%-owned Paterson and Broadview Projects, in Western Australia's East Pilbara and Wheatbelt regions respectively. Shareholders can expect exploration updates on these projects later this quarter, with drilling of copper-gold targets to be scheduled for the Paterson in April.

"With unprecedented investor interest in battery metals, now is an exciting time for St George as we advance our high-quality nickel and copper projects."

DRILLING OF SEISMIC TARGETS

Drilling of S2, with hole MAD207, is at 272m downhole and following the planned trajectory of the hole. The target commences at approximately 350m below surface and has a dip extent of 400m; see Figure 1. MAD207 is designed to pierce the centre of the target at approximately 550m downhole.

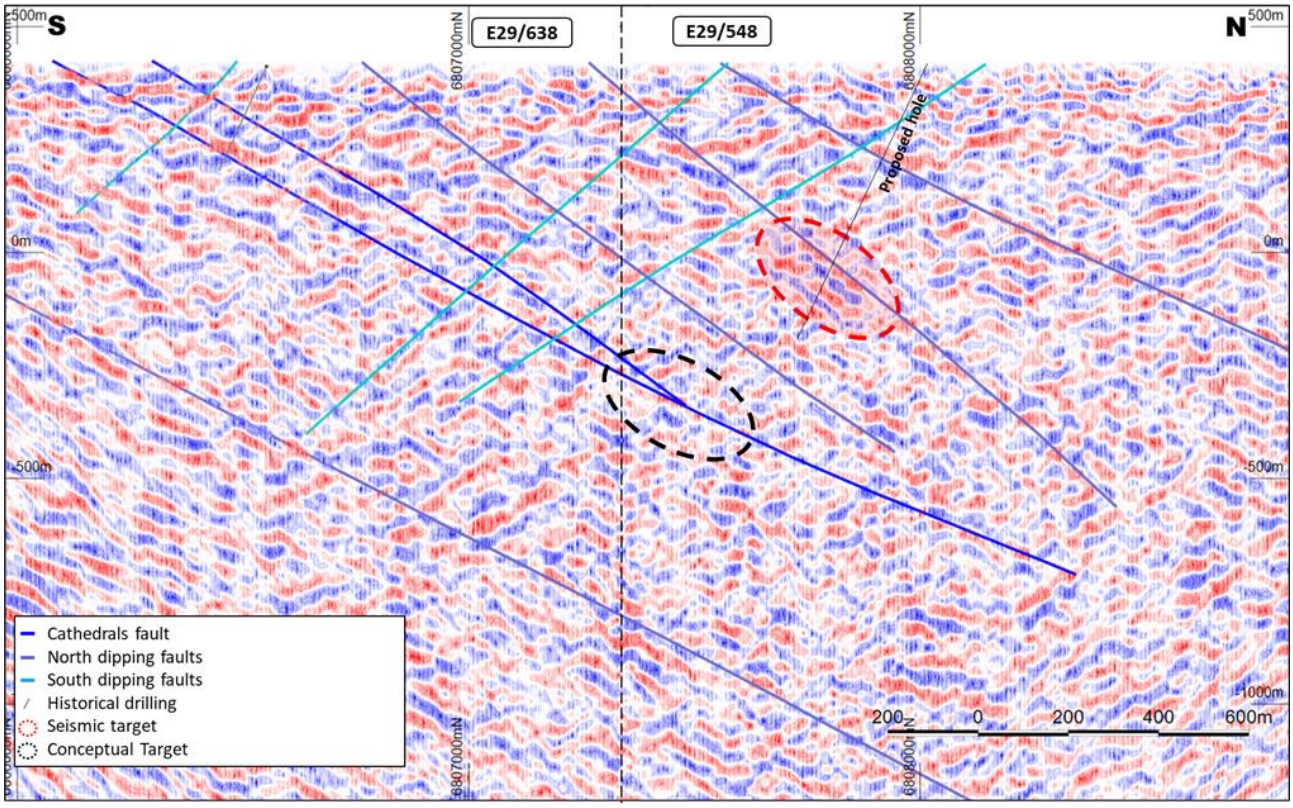

Figure 1 – cross section (looking west) showing the structures mapped by Line 2 in the seismic survey and the S2 target. The trace of the planned hole to test S2 is also shown.

For further details of seismic target S2, see our ASX Releases dated 1 December 2021 *'Seismic Results Unlock Standout Targets'* and 8 December 2021 *'Seismic Delivers Another Standout Target at Mt Alexander'*.

Hole ID	Tenement	East	North	RL	EOH Depth	Target Depth	DIP	AZI	Target
MAD206	E29/548	231238	6808009	414	1003.9	850	-70	167	S1
MAD207	E29/548	230150	6808081	408	660	550	-65	173	S2
MAD208	E29/638	231238	6806942	421	390	320	-70	350	S3
MAD209	E29/548	231238	6808313	412	660	600	-70	170	S4
MAD210	E29/548	228751	6808926	408	360	330	-70	177	S5
MAD211	E29/638	232297	6806600	440	140	110	-65	135	EM- 22k S
MAD212	E29/638	232297	6806600	440	150	120	-65	106	EM- 10k S

Table 1 – drill hole details for the holes planned in the 2022 drill programme; MAD206 has been completed and MAD207 is in progress.

NEW EM CONDUCTORS HIGHLIGHT POTENTIAL FOR SIGNIFICANT MINERALISATION

MAD204: MAD204 was completed in late 2021 and targeted an area 50m down-dip of the 81,000 Siemens off-hole conductor identified from the DHEM survey in MAD202.

The hole intersected 57.7m of intrusive-style mafic-ultramafic from 425.1m to 482.8m. Although no sulphide mineralisation was observed in the mafics, the thickness of the intrusive suggests a priority search area for massive sulphides.

The DHEM survey in MAD204 has successfully identified a very strong off-hole EM conductor located below and to the north-west of the hole.

The conductor is modelled with conductivity of 76,000 Siemens and has a geophysical signature consistent with massive sulphides.

Significantly, the new conductor aligns with the 81,000 Siemens conductor identified from MAD202, creating a conductive horizon that spans more than 70m. The two modelled conductors are also consistent with our geological model where mineralisation is observed at the basal contact of the Cathedrals intrusive system; see Figure 2.

Should follow-up drilling be successful in delineating massive sulphide mineralisation at these conductors, which we expect it will be, this would be the western-most intersection of massive sulphides within the Cathedrals Belt and further extend the strike length of mineralisation along the Belt.

MAD205: MAD205 was also completed in late 2021 and targeted a large 250m-strike, off-hole conductor identified from the DHEM survey in MAD200.

The hole was drilled to 622.2m with intrusive mafic rocks intersected between 556.9m to 571.77m. The DHEM survey in MAD205 has identified an anomalous response with final results pending.

MAD204 and MAD205 are located in the West End Prospect area, to the immediate west of the Investigators Prospect.

A large number of EM conductors have been identified in this area, indicating a highly fertile area of the Cathedrals Belt mineral system that has strong potential for the presence of a significant volume of mineralisation in or near this area; see Figure 3.

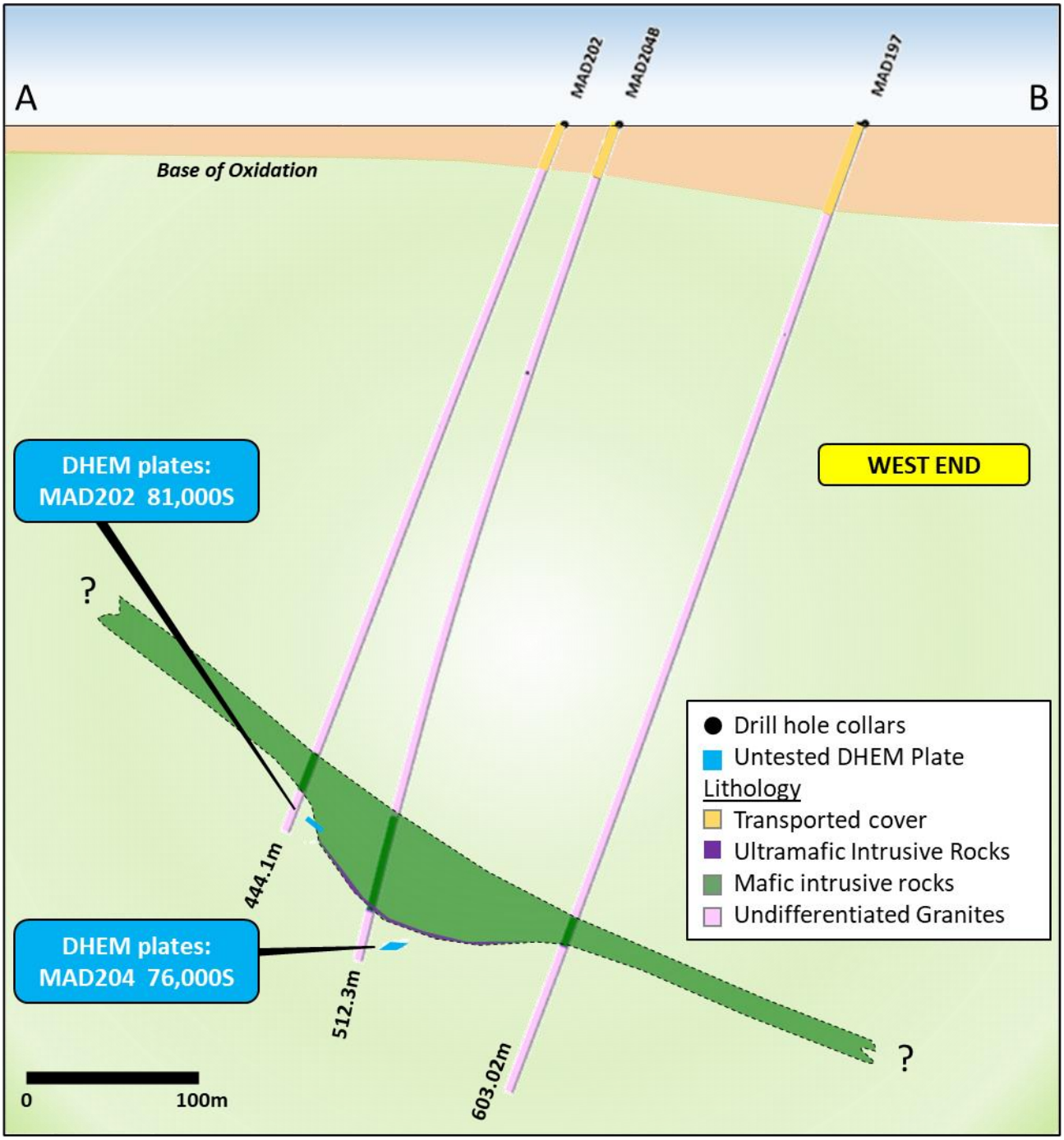

Figure 2 – cross-section looking west showing interpreted intrusion with new untested DHEM plates modelled at the base of intrusion. Section window is 200m wide.

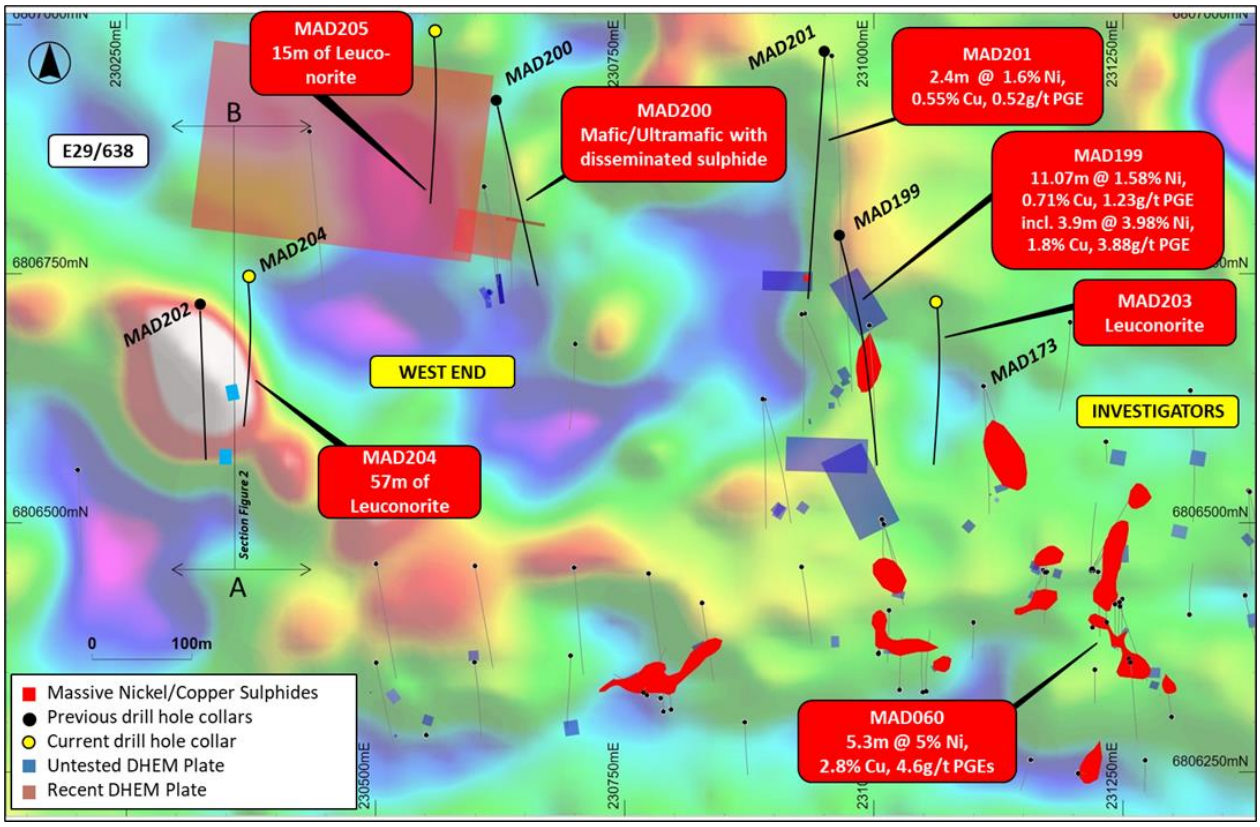

Figure 3 – plan view map of West End and Investigators (against gravity data) showing new DHEM conductors and prior drilling. Gravity highs are shown by warmer colours (white, red and yellow). High-density massive sulphides and their host rocks will typically present as gravity highs. Less-dense material or cover is represented by cooler colours (blues and purples).

ENVIRONMENTAL STUDY SUPPORTS A MINING OPERATION AT MT ALEXANDER

The final field survey regarding flora and vegetation base line studies at Mt Alexander was conducted in October 2021.

The field surveys at Mt Alexander covered two field seasons and were conducted by Western Botanical Consulting Ecologists to meet the requirements of an Impact Assessment to support any future proposal for mining at Mt Alexander.

The findings from the surveys were used to assess the 10 Clearing Principles under the Environmental Protection Act 1986. Importantly, the conclusion of our independent consultants is that a proposal for mining activities at Mt Alexander is not at variance with any of the Principles.

St George is pleased that the final report by Western Botanical provides backing for a potential mining operation at Mt Alexander, giving further impetus to the starter mine proposal for the Stricklands Deposit.

COVID-19:
St George continues to manage its operations in compliance with COVID-19 regulations issued by State and Commonwealth authorities. We proactively manage drilling and other field programmes to protect the health and safety of our team and service providers.

Border restrictions in Western Australia and elsewhere have impacted the movement of personnel for drill rig crews, which is constraining the availability of drill rigs. St George is in close contact with its drilling contractors to best manage access and continuity to drilling services.

About the Mt Alexander Project:
The Mt Alexander Project is located 120km south south-west of the Agnew-Wiluna Belt, which hosts numerous world-class nickel deposits. The Project comprises six granted exploration licences – E29/638, E29/548, E29/962, E29/954, E29/972 and E29/1041 – which are a contiguous package. A seventh granted exploration licence – E29/1093 – is located to the south-east of the core tenement package.

The Cathedrals, Stricklands, Investigators and Radar nickel-copper-cobalt-PGE discoveries are located on E29/638, which is held in joint venture by St George (75%) and Western Areas Limited (25%). St George is the Manager of the Project, with Western Areas retaining a 25% non-contributing interest in the Project (in regard to E29/638 only) until there is a decision to mine. All other Project tenements are owned 100% by St George.

Authorised for release by the Board of St George Mining Limited.

For further information, please contact:

John Prineas
Executive Chairman
St George Mining Limited
+61 411 421 253
john.prineas@stgm.com.au

Peter Klinger
Media and Investor Relations
Cannings Purple
+61 411 251 540
pklinger@canningspurple.com.au

Competent Person Statement:
The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves for the Mt Alexander Project is based on information compiled by Mr Dave Mahon, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Mahon is employed by St George Mining Limited to provide technical advice on mineral projects, and he holds performance rights issued by the Company.

Mr Mahon 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 Mahon 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.*	*Diamond Core Sampling:* The sections of the core that are selected for assaying are marked up and then recorded on a sample sheet for cutting and sampling at the certified assay laboratory. Samples of HQ or NQ2 core are cut just to the right of the orientation line where available using a diamond core saw, with half core sampled lengthways for assay. *RC Sampling:* All samples from the RC drilling are taken as 1m samples for laboratory assay. 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. *DHEM Surveying:* The surveys were conducted using the DigiAtlantis system and VTX-100 transmitter. The readings were recorded at 5m intervals with 1m infill down hole. The surveys used 400 x 400m loops orientated to magnetic north. *Gravity Surveying:* A ground gravity survey was completed by Atlas Geophysics. The following primary instrumentation was used for acquisition of the data; - Scintrex CG-5 Autograv Gravity Meter (accuracy <0.02 mGal) - CHC Nav i70+ GNSS Rover Receiver - CHC Nav i70+ GNSS Base Receiver - Garmin GPS receivers for navigation Gravity surveys are used to detect density contrasts which may be related to the underlying lithology and rock types, alteration of minerals or mineralisation. Seismic: The surveys were conducted by Apex Geo Pty Ltd independent contractors using the Aram Aries 1 instrument with an accelerated weight drop and picked up by the sercel SM-24 Geophone sensors.
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	*RC Sampling:* Samples are taken on a one metre basis and collected using uniquely numbered calico bags. The remaining material for that metre is collected and stored in a green plastic bag marked with that specific metre interval. The cyclone is cleaned 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. A blank sample is inserted at the beginning of each hole, and a duplicate sample is taken every 50th sample. A certified sample standard is also added according to geology, but at no more than 1:50 samples. 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, and using a downhole Gyro when required, to detect deviations of the hole from the planned dip and azimuth. The drill-hole collar locations are recorded using a hand-held GPS, which has an accuracy of +/- 5m. All drill-hole collars will be surveyed to a greater degree of accuracy using a certified surveyor at a later date. *Diamond Core Sampling:* For diamond core samples, certified sample standards were added as every 25th 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

Criteria	JORC Code explanation	Commentary
		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 are recorded using a hand-held GPS, which has an accuracy of +/- 5m.
	Aspects of the determination of mineralisation that are Material to the Public Report. *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.*	*RC Sampling:* A 1m composite sample is taken from the bulk sample of RC chips that may weigh in excess of 40 kg. Each sample collected for assay typically weighs 2-3kg, and once dried, is prepared for the laboratory as per the Diamond samples below. *Diamond Core Sampling:* Diamond core (both HQ and NQ2) is half-core sampled to geological boundaries no more than 1.5m and no less than 10cm. Samples less than 3kg are crushed to 10mm, dried and then pulverised to 75µm. Samples greater than 3kg are first crushed to 10mm then finely crushed to 3mm and input into the rotary splitters to produce a consistent output weight for pulverisation. Pulverisation produces a 40g charge for fire assay. Elements determined from fire assay are gold (Au), platinum (Pt) and palladium (Pd) with a 1ppb detection limit. To determine other PGE concentrations (Rh, Ru, Os, Ir) a 25g charge for nickel sulphide collect fire assay is used with a 1ppb detection limit. Other elements will be analysed using an acid digest and an ICP finish. These elements are: Ag, Al, As, Bi, Ca, Cd, Co, Cr, Fe, K, Li, Mg, Mn, Mo, Nb, Ni, P, Pb, S, Sb, Sn, Te, Ti, V, W, Zn. The sample is digested with nitric, hydrochloric, hydrofluoric and perchloric acids to effect as near to total solubility of the sample as possible. The sample is then analysed using ICP-AES or ICP-MS. LOI (Loss on Ignition) will be completed on selected samples to determine the percentage of volatiles released during heating of samples to 1000°C.
Drilling techniques	*Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diametre, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	*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 drillers determined that a change to NQ2 coring was required. The core is oriented and marked by the drillers. The core is oriented using ACT Mk II electric core orientation. *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 are recorded during drilling and reconciled during the core processing and geological logging. The core length recovered is measured for each run and recorded which is used to calculate core recovery as a percentage. *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.	*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. *Diamond Core Sampling:* Measures taken to maximise core recovery include using appropriate core diameter and shorter barrel length through the weathered zone, which at Cathedrals and Investigators is mostly <20m and Stricklands <40m depth. Primary locations for core loss in fresh rock are on geological contacts and structural zones, and

Criteria	JORC Code explanation	Commentary
		drill techniques are adjusted accordingly, and if possible, these zones are predicted from the geological modelling.
	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 sample recovery issues have yet been identified that would impact on potential sample bias in the competent fresh rocks that host the mineralised sulphide intervals.
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.*	*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) The HQ and NQ2 core is cut in half length ways just to the right of the orientation line where available using a diamond core saw. All samples are collected from the same side of the core where practicable. 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.
	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.
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	*RC Sampling*: Sample preparation for RC chips follows a standard protocol. The entire sample is pulverised to 75µm using LM5 pulverising mills. Samples are dried, crushed and pulverized to produce a homogenous representative sub-sample for analysis. A grind quality target of 90% passing 75µm is used.
	Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	Quality control procedures include submission of Certified Reference Materials (standards), duplicates and blanks with each sample batch. QAQC results are routinely reviewed to identify and resolve any issues. *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. *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.

Criteria	JORC Code explanation	Commentary
	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.	Duplicate samples are selected during sampling. Samples comprise two quarter core samples for Diamond Core. Duplicate RC samples are captured using two separate sampling apertures on the splitter.
	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 base metal sulphide mineralisation and associated geology 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.*	A 25-50gram sample will be fire assayed for gold, platinum and palladium, using a minimum detection value of 1ppb for gold is 1ppb and 0.5ppb for platinum and palladium. 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. Diamond core samples are analysed for Au, Pt and Pd using a 40g lead collection fire assay; for Rh, Ru, Os, Ir using a 25g nickel sulphide collection fire assay; and for Ag, Al, As, Bi, Ca, Cd, Co, Cr, Fe, K, Li, Mg, Mn, Mo, Nb, Ni, P, Pb, S, Sb, Sn, Te, Ti, V, W, Zn using a four acid digest and ICP-AES or MS finish. The assay method and detection limits are appropriate for analysis of the elements required.
	For geophysical tools, spectrometres, handheld XRF instruments, etc, the parametres used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.	*DHEM:* The surveys were conducted using the DigiAtlantis system and VTX-100 transmitter. The readings were recorded at 5m intervals with 1m infill down hole. The transmitter produced 96amps and recorded at a frequency of 0.5Hz. *XRF:* A handheld XRF instrument (Olympus Innov-X Spectrum Analyser) is used to systematically analyse the drill core and RC sample piles onsite. One reading is taken per metre, however for any core samples with matrix or massive sulphide mineralisation then multiple samples are taken at set intervals per metre. The instruments are serviced and calibrated at least once a year. Field calibration of the XRF instrument using standards is periodically performed (usually daily). The handheld XRF results are only used for preliminary assessment and reporting of element compositions, prior to the receipt of assay results from the certified laboratory. *Gravity:* A Scintrex CG-5 Autograv Gravity Meter was used for data acquisition which has an accuracy of <0.02 mGal Elevation information was captured using CHC Nav i70+ GNSS receivers with an accuracy of <2m.
	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 (CRMs), blanks and pulp duplicates as part of in-house procedures. The Company also submits a suite of CRMs, blanks and selects appropriate samples for duplicates. Sample preparation checks for fineness are performed by the laboratory to ensure the grind size of 90% passing 75µm is being attained.
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 staff.

Criteria	JORC Code explanation	Commentary
	The use of twinned holes.	No twinned holes have been planned for the current drill programme.
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	Primary data is captured onto a laptop using acQuire software and includes geological logging, sample data and QA/QC information. This data, together with the assay data, is entered into the St George Mining central SQL database which is managed by external consultants.
	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 holes and MT/AMT stations have been located and pegged using a DGPS system with an expected accuracy of +/-5m for easting, northing and elevation. Downhole surveys are conducted using a single shot camera approximately every 30m or downhole Gyro during drilling to record and monitor deviations of the hole from the planned dip and azimuth. Post-drilling downhole gyroscopic surveys will be conducted, which provide more accurate survey results. The Gravity data was positioned using CHCi70+ DGPS receivers operating in kinematic mode. Seismic survey: all stations were located using NAVCOM DGPS survey equipment. Vibration source points readings were taken every 10m along the lines, with receiver nodes at 5m spacing along the lines for 1,944 data collection points and a total of 12 lineal km were traversed to collect the 2D Seismic data set
	Specification of the grid system used.	The grid system used is GDA94, MGA Zone 51.
	Quality and adequacy of topographic control.	Elevation data has been acquired using DGPS surveying at individual collar locations and entered into the central database. A topographic surface has been created using this elevation data.
Data spacing and distribution	*Data spacing for reporting of Exploration Results.*	The spacing and distribution of holes is not relevant to the drilling programs which are at the exploration stage rather than definition drilling. The gravity data was collected at 25m station spacings.
	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.	The completed drilling at the Project is not sufficient to establish the degree of geological and grade continuity to support the definition of Mineral Resource and Reserves and the classifications applied under the 2012 JORC code.
	Whether sample compositing has been applied.	No compositing has been applied to the exploration results.
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 to intersect the modelled mineralised zones at a near perpendicular orientation (unless otherwise stated). However, the orientation of key structures may be locally variable and any relationship to mineralisation has yet to be identified. Seismic: Three north-south oriented lines approximately perpendicular to the strike of known host structures of the Cathedrals belt were completed. Lines were spaced an average of 1.2km apart. The length of lines were designed to allow imaging of deep structures to approximately 1.5km depths.

Criteria	JORC Code explanation	Commentary
	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 certified assay laboratory for subsampling and assaying. The RC sample bags are stored on secure sites and delivered to the assay laboratory by the Company or a competent agent. When in transit, they are kept in locked premises. Transport logs have been set up to track the progress of samples.
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. Results of the Seismic dataset was processed and queried by Dayborogeo Geophysical Pty Ltd. Interpretations were completed by Rock Solid Seismic Pty Ltd with assistance from SGQ geologists. Both are independent contractors engaged by St George Mining.

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.* *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 Mt Alexander Project is comprised of six granted Exploration Licences (E29/638, E29/548, E29/954, E29/962, E29/972 and E29/1041). Tenement E29/638 is held in Joint Venture between St George (75% interest) and Western Areas (25% interest). E29/638 and E29/548 are also subject to a royalty in favour of a third party that is outlined in the ASX Release dated 17 December 2015 (as regards E29/638) and the ASX release dated 18 September 2015 (as regards E29/548). No environmentally sensitive sites have been identified on the tenements. A registered Heritage site known as Willsmore 1 (DAA identification 3087) straddles tenements E29/548 and E29/638. All five tenements are in good standing with no known impediments.
Exploration Done by Other Parties	*Acknowledgment and appraisal of exploration by other parties.*	Exploration on tenements E29/638 and E29/962 has been largely focused on the discovery of komatiite-hosted nickel sulphides within the Mt Alexander Greenstone Belt. Exploration in the northern section of E29/638 (Cathedrals Belt) and also limited exploration on E29/548 has been for mafic/ultramafic intrusion related Ni-Cu-PGE sulphides. No historic exploration has been identified on E29/954 or E29/972. Mafic-Ultramafic intrusion related high grade nickel-copper-PGE sulphides were discovered at the Mt Alexander Project in 2008. Drilling was completed to test co-incident electromagnetic (EM) and magnetic anomalies associated with nickel-PGE enriched gossans in the northern section of current tenement E29/638. The drilling identified high grade nickel-copper mineralisation in granite-hosted and East-West orientated ultramafic units and the discovery was named the Cathedrals Prospect.
Geology	*Deposit type, geological setting and style of mineralisation*	The Mt Alexander Project is at the northern end of a western bifurcation of the Mt Ida Greenstones. The greenstones are bound to the west by the interpreted Ida Fault, a significant Craton-scale structure that marks the boundary between the Kalgoorlie Terrane (and Eastern Goldfields Superterrane) to the east and the Youanmi Terrane to the west. The Mt Alexander Project is prospective for further high-grade nickel-mineralisation (both komatiite and mafic-ultramafic intrusive hosted) and also precious metal mineralisation (i.e. orogenic gold) that is

Criteria	JORC Code explanation	Commentary
		typified elsewhere in the Yilgarn Craton.
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:* *• Easting and northing of the drill hole collar* *•Elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* *• Dip and azimuth of the hole* *• Down hole length and interception depth* *• Hole length*	Drill hole collar locations are shown in the maps and tables included in the body of the relevant ASX releases.
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.*	Reported assay intersections are length and density weighted. Significant intersections are determined using both qualitative (i.e. geological logging) and quantitative (i.e. lower cut-off) methods. For massive sulphide intersections, the nominal lower cut-off is 2% for either nickel or copper. For disseminated, blebby and matrix sulphide intersections the nominal lower cut-off for nickel is 0.3%.
	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.	Any high-grade sulphide intervals internal to broader zones of sulphide mineralisation are reported as included intervals. Any disseminated, matrix, brecciated or stringer sulphides with (usually) >1% nickel or copper on contact with massive sulphide mineralisation are grouped with the massive sulphides for calculating significant intersections.
	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.*	Assay intersections are reported as down hole lengths. Drill holes are planned as perpendicular as possible to intersect the target EM plates and geological targets so downhole lengths are usually interpreted to be near true width.
iagrams	*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.*	A prospect location map, cross section and long section are shown in the body of relevant ASX Releases.
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.*	Reports on recent exploration can be found in ASX Releases that are available on our website at www.stgm.com.au: The exploration results reported are representative of the mineralisation style with grades and/or widths reported in a consistent manner.
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;*	All material or meaningful data collected has been reported.

Criteria	JORC Code explanation	Commentary
	metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	
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).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 underway is contained in the body of recent ASX Releases. Further exploration will be planned based on ongoing drill results, geophysical surveys and geological assessment of prospectivity.