

19 March 2018

ST GEORGE RESUMES DRILLING OF NICKEL-COPPER SULPHIDE TARGETS AT MT ALEXANDER

HIGHLIGHTS:

- **Drilling at Mt Alexander has commenced**
 - **Drilling will primarily focus on testing for further nickel-copper sulphide mineralisation at the Stricklands Prospect where MAD71 intersected thick massive nickel-copper sulphides late last year**
 - **Drilling will also include first-ever testing of deep EM targets at the Investigators Prospect**
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Emerging West Australian nickel company St George Mining Limited (ASX: **SGQ**) (“**St George**” or “**the Company**”) is pleased to announce that drilling has resumed at the Mt Alexander Project, located near Leonora in the north-eastern Goldfields.

The planned programme comprises 2,510m of drilling. The majority of drill holes are planned for the Stricklands Prospect, where drill hole MAD71, completed late last year, returned the best intersection to date at the Mt Alexander Project. Table 1 shows details of the planned drill holes.

Last year’s follow-up drilling at Stricklands continued to intersect the mineralised ultramafic, with a further seven drill holes intersecting nickel-copper sulphide mineralisation. Drilling indicated that the Stricklands mineralised channel may extend up to 400m along strike, with large areas of this interpreted east-northeast oriented ultramafic channel remaining untested.

This year’s planned drilling at Stricklands will continue to test for extensions to the mineralised ultramafic. The thickness and grade of the nickel-copper sulphides intersected at Stricklands to date supports the potential for further mineralisation at this prospect.

At the Investigators Prospect, the SAMSON EM (electromagnetic) survey identified large conductive areas over a 1km portion of the mineralised Cathedrals Belt. The planned drilling at Investigators will test underexplored areas of the SAMSON anomaly with the first-ever deep drilling of EM targets.

St George Mining Executive Chairman John Prineas said:

“St George, like other mining and exploration companies in the Goldfields, has been affected by heavy rains during February.

“At Mt Alexander, ground conditions have improved and we are very pleased to announce that drilling has finally begun.

“We have a number of outstanding nickel-copper sulphide targets to drill in this programme and we are excited to be drilling again.”

Stricklands Prospect:

The SAMSON fixed loop EM (FLEM) survey completed last year by St George identified a large EM anomaly (200m x 150m) at the Stricklands Prospect. The EM anomaly was tested by MAD49, which intersected a 42.5m thick ultramafic unit with:

- **18.86m @ 0.42% Ni, 0.16% Cu, 0.02% Co and 0.36g/t total PGEs from 31.8m; and**
- **3.36m @ 2.09% Ni, 1.18% Cu, 0.09% Co and 1.82g/t total PGEs from 50.66m.**

The thick komatiite ultramafic unit intersected by MAD49 was interpreted to represent a prospective thickened channelised flow. MAD71 was drilled late last year 15m to the north of MAD49 and also intersected the prospective ultramafic unit at shallow depth but with a much thicker high-grade nickel-copper sulphide intersection, including more than 8m in aggregate of massive nickel-copper sulphides.

Significant intersections for MAD71 were:

- **17.45m @ 3.01% Ni, 1.31% Cu, 0.13% Co and 1.68g/t total PGEs from 37.45m including the massive sulphide zones of:**
 - **5.3m @ 4.39% Ni, 1.45% Cu, 0.21% Co and 2.09g/t total PGEs from 39.3m; and**
 - **2.02m @ 5.05% Ni, 2.01% Cu, 0.21% Co and 3.31g/t total PGEs from 50.6m; and**
 - **0.5m @ 3.68% Ni, 3.9% Cu, 0.17% Co and 2.68g/t total PGEs from 54.4m.**

Step-out drilling last year intersected extensions to the mineralised ultramafic, with seven of the nine completed drill holes intersecting nickel-copper sulphide mineralisation (see Table 2). Some of the drill holes intersected nickel-copper sulphide veinlets and/or massive sulphide clasts that are interpreted to have remobilised from an in situ massive sulphide source.

*Figure 1 – On left: drill core from the 17.45m high-grade intersection in MAD71. The section of drill core is from the massive sulphide interval that returned assays of **2.02m @ 5.05% Ni, 2.01% Cu, 0.21% Co and 3.31g/t total PGEs from 50.6m.***

On right: drill core from MAD78 that was drilled 20m to the north of MAD71. Nickel-copper sulphide veinlets and brecciated massive sulphide clasts in the drill core indicate structural influence on the mineralisation remobilised from an in situ massive sulphide source.



This year’s planned drilling at Stricklands will continue to test for extensions to the mineralised ultramafic, particularly where it is co-incident with the strongest response in the large SAMSON EM anomaly.

Planned drill holes are along strike and to the north of MAD71. Drill holes will test both off-hole DHEM conductors and geological targets for mineralised ultramafic in the interpreted thickened channel positions.

MAD71 was drilled towards the north at an angle of 65 degrees. The first new drill hole at Stricklands will be collared about 35m to the north of the MAD71 collar and drilled towards the south to target the same massive sulphide lens. This ‘scissor hole’ should provide important structural information on the orientation of the mineralisation, which will assist with 3-D modelling and ongoing targeting.

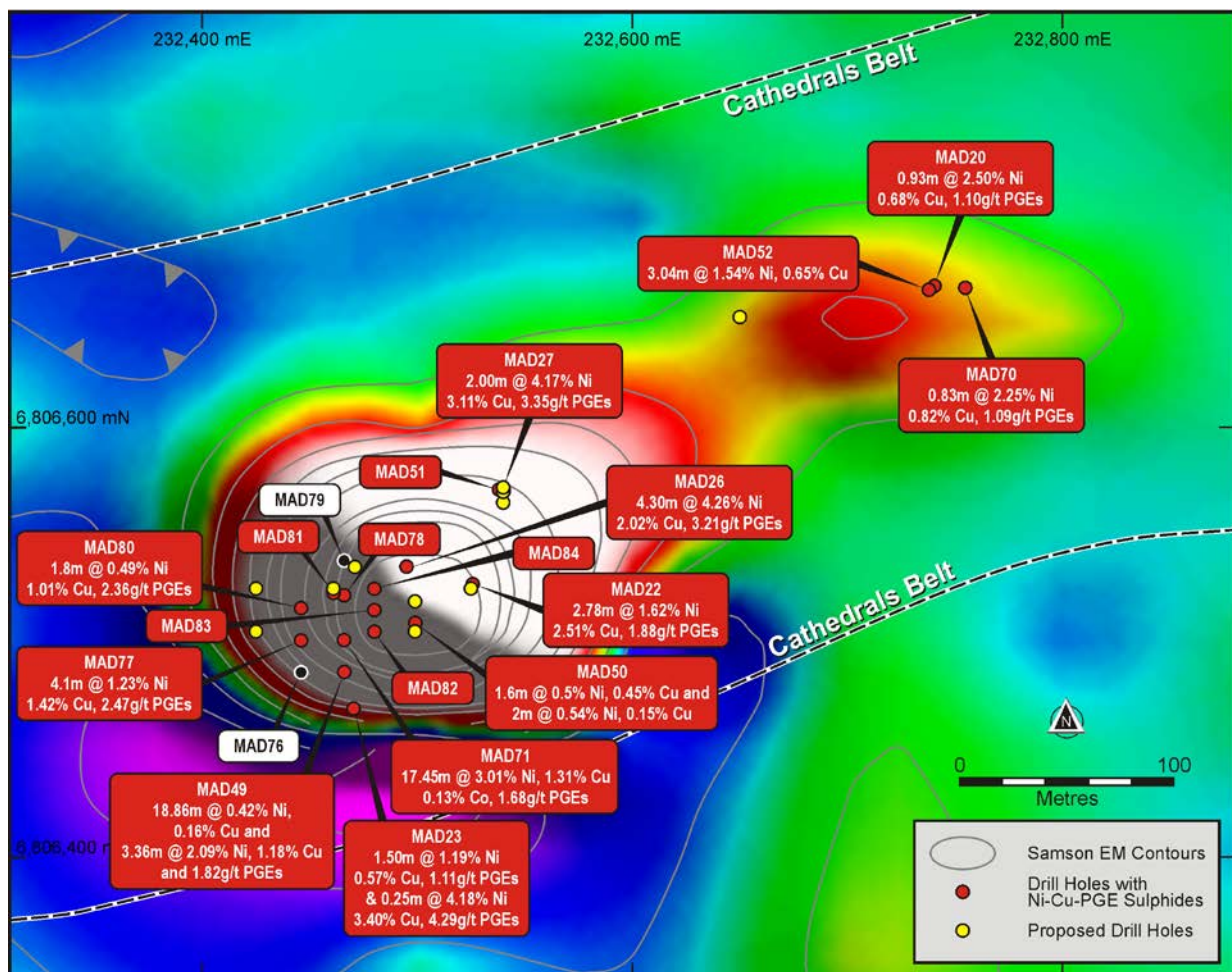


Figure 2 – plan view of the Stricklands Prospect with drill hole collar locations (completed and planned) over the large SAMSON total field EM anomaly (white/red colours). The SAMSON EM image is shown in Channel 18 (44ms). The contours shown are 0.05pT/A which highlight the stronger electromagnetic field over Stricklands.

Investigators Prospect:

The SAMSON EM survey completed by St George at Investigators identified large conductive areas over a 1km portion of the Cathedrals Belt. Drilling across this area has been mostly wide-spaced and has delivered 16 intersections of massive nickel-copper sulphides.

The best high-grade intersection at Investigators was achieved by MAD60 which assayed:

- **5.3m @ 4.95% Ni, 2.75% Cu, 0.16% Co and 4.55g/t total PGEs from 157.9m including**
 - **3m @ 6.40%Ni, 3.55%Cu, 0.21%Co and 5.25g/t total PGEs from 159.38m.**

Figure 3 – *On left:* Drill core from MAD31 at Investigators which intersected 5.24m of nickel-copper sulphide mineralisation. Drill core shown is from an interval with assays of **1.01m @ 7.98% Ni, 3.13% Cu, 0.22% Co and 5.9g/t total PGEs from 112.8m.**

On right: Section of drill core from MAD60 showing the massive sulphide interval that returned assays of **3m @ 6.40% Ni, 3.55% Cu, 0.21% Co and 5.25g/t total PGEs from 159.38m.**

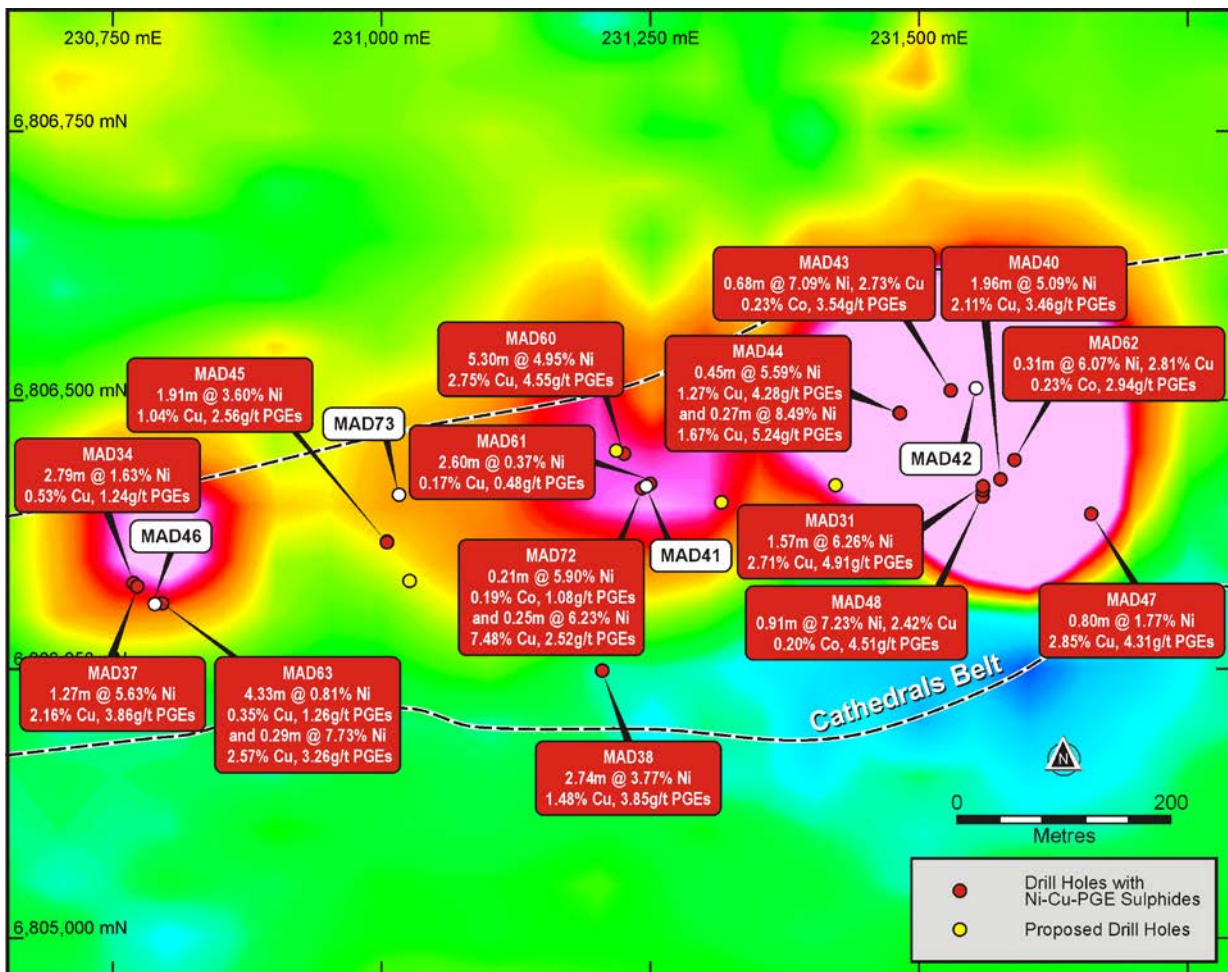


Figure 4 – plan view of Investigators Prospect with drill hole collar locations (completed and planned) over the large SAMSON total field EM anomalies (red/pink colours). SAMSON EM image is shown in Channel 18 (44ms).

Notwithstanding the excellent intersections of massive sulphides to date, these drill results do not fully account for the large EM signatures at Investigators.

The upcoming drilling will test a 500m strike of the Investigators trend including downhole EM (DHEM) and several modelled SAMSON EM plates. The SAMSON EM plates to be drilled will test for any mineralised ultramafic at depth in areas with minimal previous drill testing.

Drill Programme:

A multipurpose drill rig with capability for both diamond and RC (reverse circulation) drilling is on site. The first two drill holes are located on tenement E29/548 (St George 100%). The drilling will test two anomalous EM responses that are co-incident with a magnetic anomaly and proximal to an east-northeast structure.

Following completion of those drill holes, diamond drilling will commence at Stricklands.

HOLEID	Prospect	MGA East	MGA North	HQ Depth	Depth(m)	Dip	Azimuth	Depth to Target
Nth1	E29/548	230200	6809500	RC	140	-75	90	96
Nth2	E29/548	230620	6809580	RC	180	-65	160	137
ST_PROP19	Stricklands	232471	6806535	80	80	-75	180	40
ST_PROP23	Stricklands	232525	6806525	60	80	-60	0	60
ST_PROP22	Stricklands	232525	6806525	50	70	-87	0	50
ST_PROP28	Stricklands	232540	6806570	60	80	-60	105	60
ST_PROP24	Stricklands	232540	6806572	60	80	-75	165	60
ST_PROP25	Stricklands	232540	6806565	60	80	-60	165	60
ST_PROP20	Stricklands	232499	6806505	50	70	-85	0	35
ST_PROP21	Stricklands	232499	6806519	50	70	-60	0	40
ST_PROP18	Stricklands	232461	6806525	80	100	-74	0	70
ST_PROP26	Stricklands	232425	6806525	50	70	-80	180	50
ST_PROP27	Stricklands	232425	6806505	50	70	-80	180	50
ST_PROP29	Stricklands	232650	6806651.36	60	100	-70	180	55
InvProp_31	Investigators	231026	6806332	100	210	-75	0	175
InvProp_26	Investigators	231218	6806453	RC to 100m	250	-75	0	220
InvProp_27	Investigators	231316	6806405	RC to 100m	200	-75	0	169
InvProp_28	Investigators	231422	6806421	RC to 100m	205	-75	0	175
InvProp_32	Investigators	232000	6806555	RC	135	-70	180	105
CATH_PROP13	Cathedrals	233700	6807100	RC to 100m	240	-70	180	195

Table 1 – planned drill holes for Phase 1 2018 drill programme at Mt Alexander.

Hole ID	GDA94 East	GDA94 North	Dip	Azimuth	Depth (m)	From (m)	To (m)	Width (m)	Ni%	Cu%	Co%	Total PGEs g/t	Au g/t	Ag g/t
MAD20	232740.4	6806665.6	-75	185	100.1	44.20	53.5	9.32	0.29	0.12	0.02	0.27	0.03	0.29
MAD20						53.52	54.5	0.93	2.50	0.68	0.16	1.10	0.03	1.54
MAD22	232525.9	6806526.9	-60	40	138.9	41.9	49.9	7.95	0.55	0.30	0.02	0.58	0.06	1.48
MAD22						49.85	52.6	2.78	1.62	2.51	0.07	1.88	0.17	8.44
<i>Including</i>						52.4	52.6	0.23	0.90	13.10	0.04	3.94	0.16	43
MAD22	232525.9	6806526.9	-60	40	138.9	52.63	53.7	1.09	0.46	0.27	0.02	0.98	0.07	1
MAD23	232470.3	6806468.9	-60	355	124.3	53.7	57.5	3.75	0.81	0.36	0.04	0.73	0.03	1.35
<i>Including</i>						55.55	57.1	1.5	1.29	0.57	0.06	1.11	0.03	2
MAD23	232470.3	6806468.9	-60	355	124.3	57.45	57.7	0.25	4.18	3.40	0.18	4.29	0.11	9
MAD26	232495.1	6806535.0	-60	75	105.1	49.3	52.3	2.95	0.55	0.37	0.03	0.57	0.07	1.82
MAD26						53.9	58.2	4.3	4.26	2.02	0.19	3.21	0.10	6.11
MAD26						58.2	61	2.8	0.48	0.40	0.02	0.56	0.06	2.25
MAD27	232540.0	6806571.5	-60	90	148	59.9	60.1	0.2	0.14	0.40	NA	0.31	0.14	16
MAD27						60.1	71.3	11.15	0.52	0.63	0.03	1.69	0.21	5.37
MAD27						71.25	73.3	2	4.17	3.11	0.21	3.35	0.19	9.25
MAD49	232466.0	6806486.0	-65	0	85	31.8	50.7	18.86	0.42	0.16	0.02	0.36	0.03	0.75
MAD49						50.66	54	3.36	2.09	1.18	0.09	1.82	0.14	4.28
<i>Including</i>						52	52.2	0.23	4.37	2.40	0.17	3.31	0.13	12
<i>And, Including</i>						53.51	54	0.51	4.0	3.13	0.18	2.09	0.06	12
MAD50	232499.1	6806509.0	-70	0	117.7	32.4	34	1.6	0.50	0.45	0.02	0.69	0.09	2.38
MAD50						36	38	2	0.54	0.15	0.02	0.73	0.07	0.94
MAD52	232737.9	6806663.8	-65	203	140	55.12	58.2	3.04	1.54	0.65	0.11	0.77	0.04	2.49
MAD52						57.1	58.2	1.06	2.31	0.91	0.17	0.63	0.02	2.84
MAD70	232758.3	6806664	-72	180	87.8	53	54.1	1.08	0.68	0.58	0.05	0.61	0.04	2.44
MAD70						54.08	54.9	0.83	2.25	0.82	0.17	1.09	0.02	3.5
MAD71	232468.4	6806500	-65	0	250.2	37.45	54.9	17.45	3.01	1.31	0.13	1.68	0.06	3.86
MAD71						39.3	44.6	5.3	4.39	1.45	0.21	2.09	0.04	3.8
MAD71						50.6	52.6	2.02	5.05	2.01	0.21	3.31	0.07	6.99
MAD71						54.4	54.9	0.5	3.68	3.90	0.17	2.68	0.07	14.5
MAD77	232446	6806501	-70	0	110	36	43.2	7.2	0.32	0.21	0.02	0.43	0.06	1.46
MAD77						43.2	47.3	4.1	1.23	1.42	0.05	2.47	0.13	7.09
MAD78	232467.2	6806522	-70	0	121.1	65.6	71	5.4	1.46	0.91	0.06	1.55	0.14	3.77
MAD80	232446.1	6806517	-70	0	160	65.3	67.1	1.8	0.49	1.01	0.02	2.36	0.27	20.3
MAD81	232460.6	232460.6	-90	0	60.8	41.9	51.1	9.15	1.76	1.17	0.07	2.11	0.17	4.16
MAD81						47.55	48.8	1.29	2.79	1.30	0.12	2.37	0.08	4.58
MAD81						50.49	51.1	0.56	4.38	1.89	0.21	1.82	0.32	7.5
MAD82	232479.6	6806505	-85	0	61.3	52.27	52.5	0.25	3.78	1.25	0.18	2.68	0.09	5.5
MAD83	232479.6	6806515	-85	0	63	36	41.3	5.31	0.43	0.24	0.02	0.38	0.04	1
MAD83						41.31	41.4	0.11	4.22	2.03	0.15	7.68	0.47	10
MAD83						42	43.7	1.73	0.46	0.22	0.02	0.41	0.04	0.5
MAD83						50.5	52.3	1.84	0.54	0.30	0.03	0.46	0.04	1
MAD83						52.34	52.6	0.26	3.76	2.05	0.18	2.31	0.11	7
MAD84	232479.6	6806525	-85	0	62.5	38.63	38.8	0.2	4.57	0.67	0.18	2.51	0.05	4
MAD84						49.6	51.2	1.64	0.46	0.21	0.02	0.39	0.06	1.01
MAD84						51.24	51.5	0.25	4.3	1.42	0.19	2.66	0.15	5

Table 2 – significant assay intersections for the Stricklands Prospect.

About the Mt Alexander Project:

The Mt Alexander Project is located 120km south-southwest of the Agnew-Wiluna Belt which hosts numerous world-class nickel deposits. The Project comprises five granted exploration licences – E29/638, E29/548, E29/962, E29/954 and E29/972.

The Cathedrals, Stricklands and Investigators 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.



Figure 5 – drill rig at the Mt Alexander Project completing the first RC drill hole listed in Table 1

EAST LAVERTON PROJECT – UPDATE ON NICKEL SULPHIDE DRILLING

At the East Laverton Project (St George 100%), drill hole WINDD013 was completed to a downhole depth of 530m. The drill hole was designed to test the Windsor X3 conductor, which had been modelled at a depth of 500m downhole. For further details on the Windsor X3 conductor, please see our ASX Release dated 30 January 2018 *'Drilling of Windsor X3 Conductor – Update'*.

WINDD013 intersected a thick ultramafic unit and then an interval of semi-massive to moderate sulphides between 397m and 431.5m downhole. Semi-massive sulphides were also intersected between 512m to 522m downhole.

Geological logging of the drill core indicates that sulphides are associated with pyrrhotite and pyrite dominant interflow sediments. No visible nickel sulphides were noted in the drill core.

Sections of the drill core with ultramafic lithologies and sulphide mineralisation will be cut and sampled for laboratory assaying.

A DHEM survey was completed in WINDD013 last week. Modelling of the DHEM survey indicated two on-hole EM responses consistent with the semi-massive sulphides noted above. An off-hole EM response was also observed at 330m downhole in WINDD013. This off-hole EM anomaly may be up-dip of the on-hole EM responses deeper in the drill hole.

Further modelling of geological data will be completed once laboratory assays are available to determine if any further testing of this target is warranted.

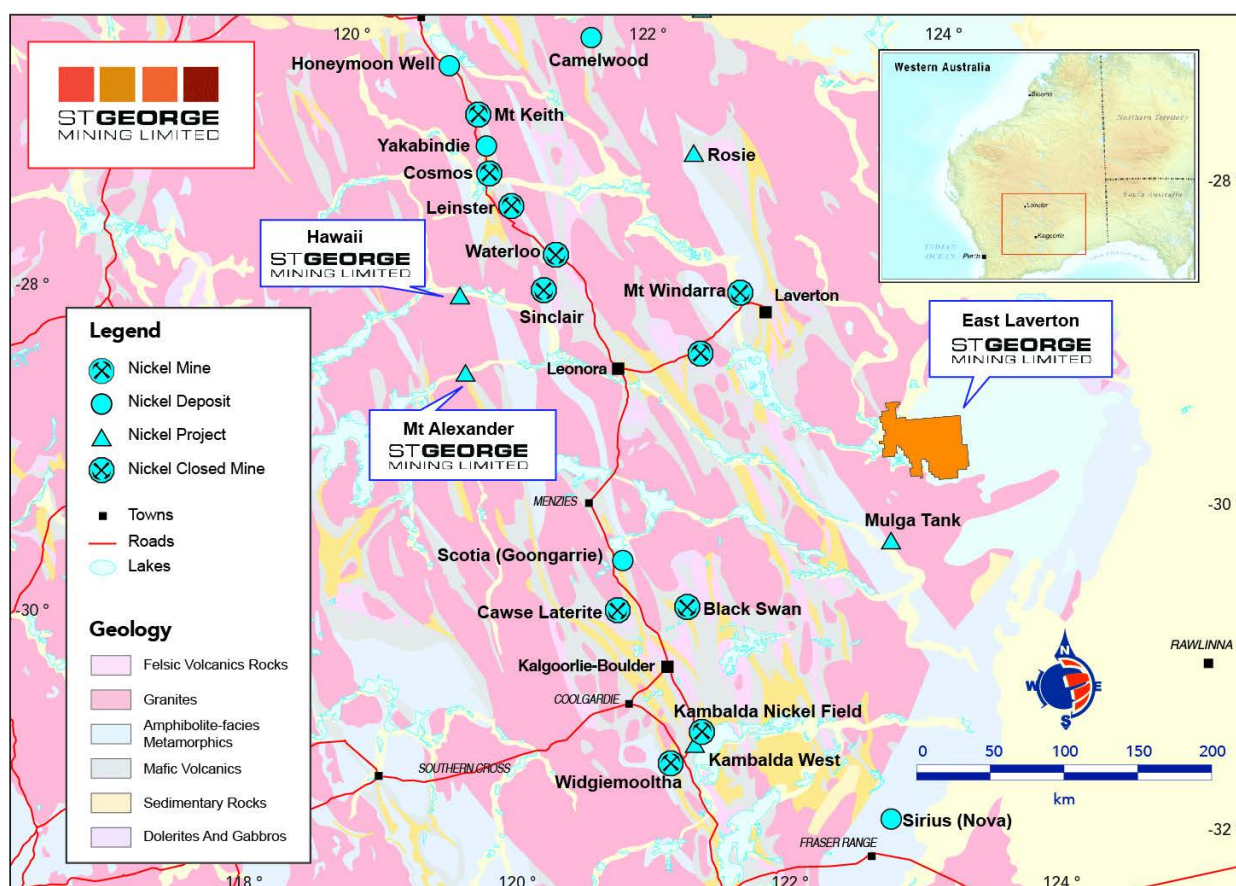


Figure 6 – a map of the area in the north-eastern Goldfields where St George’s projects are located. Other significant nickel projects are also shown.

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Competent Person Statement – Mt Alexander:

The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves relating to the Mt Alexander Project is based on information compiled by Mr Matthew McCarthy, a Competent Person who is a Member of The Australian Institute of Geoscientists. Mr McCarthy is employed by St George Mining Limited.

Mr McCarthy 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 Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr McCarthy consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Competent Person Statement – East Laverton:

The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves relating to the East Laverton Project is based on information compiled by Mr Benjamin Pollard, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Pollard is employed by Cadre Geology and Mining Pty Ltd which has been retained by St George Mining Limited to provide technical advice on mineral projects.

Mr Pollard 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 Pollard 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 sections are 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	<i>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.</i>	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.
	<i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i>	Wherever possible the same side of the drill core is sampled to ensure sample is representative. Appropriate QAQC samples are inserted into the sequences as per industry best practice.
	<i>Aspects of the determination of mineralisation that are Material to the Public Report.</i> <i>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.</i>	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	<i>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-sampling bit or other type, whether core is oriented and if so, by what method, etc).</i>	Diamond drilling is completed using HQ sized coring equipment through the weathered zone (mostly saprock) with 3m barrels, and then HQ or NQ2 in fresh rock with 3m or 6m barrels as required. The core is oriented using ACT II electric core orientation.
Drill sample recovery	<i>Method of recording and assessing core and chip sample recoveries and results assessed.</i>	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.
	<i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i>	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 drill techniques are adjusted accordingly, and if possible these zones are predicted from the geological modelling.

Criteria	JORC Code explanation	Commentary
	<i>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.</i>	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	<i>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.</i>	Geological logging is completed for all drill holes with lithology, alteration, mineralisation, structure and veining recorded. The logging is recorded digitally and imported in the St George Mining central database.
	<i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</i>	Logging is both qualitative and quantitative depending on the field being captured. Core is photographed with one tray per photo and stored digitally.
	<i>The total length and percentage of the relevant intersections logged.</i>	All drill holes are geologically logged in full.
Sub-sampling techniques and sample preparation	<i>If core, whether cut or sawn and whether quarter, half or all core taken.</i>	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.
	<i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i>	Reverse circulation holes will be rotary cone split, and wetness will be recorded during drilling.
	<i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i>	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.
	<i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i>	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.
	<i>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.</i>	Duplicate samples are selected during sampling. Samples comprise two quarter core samples, or for RC comprise a one meter sample equally split into two bags and taken at set meter intervals.
	<i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i>	The sample sizes are considered to be appropriate for base metal sulphide mineralisation and associated geology.
Quality of assay data and laboratory tests	<i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i>	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.
	<i>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.</i>	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 meter, however for any core samples with matrix or massive sulphide mineralisation then multiple samples are taken at set intervals per meter. 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.

Criteria	JORC Code explanation	Commentary
	<i>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</i>	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	<i>The verification of significant intersections by either independent or alternative company personnel.</i>	Significant intersections are verified by the Exploration Manager of St George Mining.
	<i>The use of twinned holes.</i>	No twin holes are planned for the current drill program. One scissor hole is planned for the significant intersection in MAD71.
	<i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i>	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.
	<i>Discuss any adjustment to assay data.</i>	No adjustments or calibrations will be made to any primary assay data reported.
Location of data points	<i>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.</i>	Drill holes have been located and pegged using a DGPS system with an expected accuracy of +/-0.05mmm for easting, northing and elevation. Downhole surveys are conducted using a single shot camera approximately every 30m 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.
	<i>Specification of the grid system used.</i>	The grid system used at the Mt Alexander project is GDA94 (MGA), zone 51.
	<i>Quality and adequacy of topographic control.</i>	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	<i>Data spacing for reporting of Exploration Results.</i>	The diamond drill program is testing modelled EM conductors and geological criteria for massive nickel-copper-PGE sulphide mineralisation. The spacing and distribution of the planned drill holes is appropriate to test the defined targets.
	<i>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.</i>	The completed drilling at Cathedrals, Stricklands and Investigators 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.
	<i>Whether sample compositing has been applied.</i>	No compositing has been applied to the exploration results.
Orientation of data in relation to geological structure	<i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i>	Drill holes are planned as perpendicular as possible to the target EM plates and geological units to approximate true width. Most of the ultramafic units in the Cathedrals Belt dip shallow to the north (and occasionally south) and where possible drill holes are planned to

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		intersect perpendicular to this dip. The orientation of key structures may be locally variable.
	<i>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.</i>	No orientation based sampling bias has been identified in the data to date.
Sample security	<i>The measures taken to ensure sample security.</i>	Chain of custody is managed by St George Mining. Core samples are stored in the secure facilities at Bureau Veritas laboratory in Perth. Transportation of core is managed by St George contractors and Bureau Veritas and actively track monitored.
Audits or reviews	<i>The results of any audits or reviews of sampling techniques and data.</i>	No audits or reviews have been conducted at this stage.

Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral Tenement and Land Status	<i>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.</i> <i>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.</i>	The Mt Alexander Project is comprised of five granted Exploration Licences (E29/638, E29/548, E29/954, E29/962 and E29/972). 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 four tenements are in good standing and no known impediments exist.
Exploration Done by Other Parties	<i>Acknowledgment and appraisal of exploration by other parties.</i>	Exploration on tenements E29/638 and E29/962 has been largely for komatiite-hosted nickel sulphides in the Mt Alexander Greenstone Belt. Exploration in the northern section of E29/638 (Cathedrals Prospect) and also limited exploration on E29/548 has been for komatiite-hosted Ni-Cu sulphides in granite terrane. No historic exploration has been identified on E29/954 or E29/972. The target lithological unit in the Mt Alexander Greenstone belt has historically been the Central Ultramafic Unit, which has been explored by a number of parties, most recently by Nickel West. 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 ultramafic units and the discovery was named the Cathedrals Prospect. The tenements remain underexplored.
Geology	<i>Deposit type, geological setting and style of mineralisation</i>	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 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 komatiite-hosted nickel-copper-PGE mineralisation (both greenstone and granite hosted) and also precious metal mineralisation (i.e.

Criteria	JORC Code explanation	Commentary
		orogenic gold) that is typified elsewhere in the Yilgarn Craton.
Drill hole information	<p>A summary of all information material to the understanding of the exploration results including tabulation of the following information for all Material drill holes:</p> <ul style="list-style-type: none"> • Easting and northing of the drill hole collar • Elevation or RL (Reduced Level – elevation above sea level in meters) 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 table in the body of the ASX release.
Data aggregation methods	<p>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.</p>	<p>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.</p> <p>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%.</p>
	<p>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.</p>	<p>Any high-grade sulphide intervals internal to broader zones of sulphide mineralisation are reported as <i>included</i> intervals.</p> <p>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 and the massive sulphide mineralisation is reported as an <i>including</i> intersection.</p>
	<p>The assumptions used for any reporting of metal equivalent values should be clearly stated.</p>	No metal equivalent values have yet been used for reporting exploration results.
Relationship between mineralisation widths and intercept lengths	<p>These relationships are particularly important in the reporting of exploration results.</p> <p>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 (e.g. down hole length, true width not known).</p>	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.
Diagrams	<p>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.</p>	A relevant project location map is shown in the body of the release.
Balanced Reporting	<p>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 Exploration Results.</p>	The exploration results reported are representative of the mineralisation style with grades and/or widths reported in a consistent manner.
Other substantive exploration data	<p>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.</p>	All material or meaningful data collected has been reported.

Criteria	JORC Code explanation	Commentary
Further Work	<p><i>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large – scale step – out drilling).</i></p> <p><i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i></p>	<p>Further exploration in the Cathedrals Belt will be largely dependent on the results from the current drill program. Further exploration is also warranted north of the Cathedrals Belt on E29/548, and also in the Mt Alexander greenstone belt to the south.</p>