

## ASX ANNOUNCEMENT

17 January 2022

# High Grade Gold Intersected at Amy Clarke

### Highlights

- High-grade gold results with standout intersection of 8m @ 6.7g/t Au including 4m @ 12.5 g/t Au from 32m in 21ACAC0147 at the Amy Clarke Prospect, within the Duketon Gold Project, Western Australia.
- New shallow gold intersections have excellent correlation with kilometre-scale gold in soil and immobile pathfinder elements and form a newly defined mineralised trend.
- High grade bedrock intersections suggest the source of the gold anomalies is close by.
- Scale and strike continuous anomalism highlights the potential of the Amy Clarke Prospect to host a significant gold deposit at depth.
- Multi-element, bottom of hole analysis results to be received which will be used to vector in on deep drill targets.

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Great Southern Mining Limited (ASX: GSN) (“**GSN**” or the “**Company**”) is pleased to announce the results of the aircore drill program conducted at one of its regional targets at the Duketon Gold Project named Amy Clarke, located 60km north of Laverton, Western Australia.

### **GSN’s Chief Executive Officer, Sean Gregory, commented:**

*“These new shallow aircore results are an exciting development for the Amy Clarke Prospect. The geological team have spent the last year progressing this area from a conceptual target to now an area that has intersections of high-grade gold. It also demonstrates that the methodology employed by the exploration team is working to progress our projects towards discovery. We are still waiting on bottom of hole multielement analysis and 1m gold assay data from the mineralised aircore intervals that will be used to vector in on the areas of interest which will require further drill testing.”*

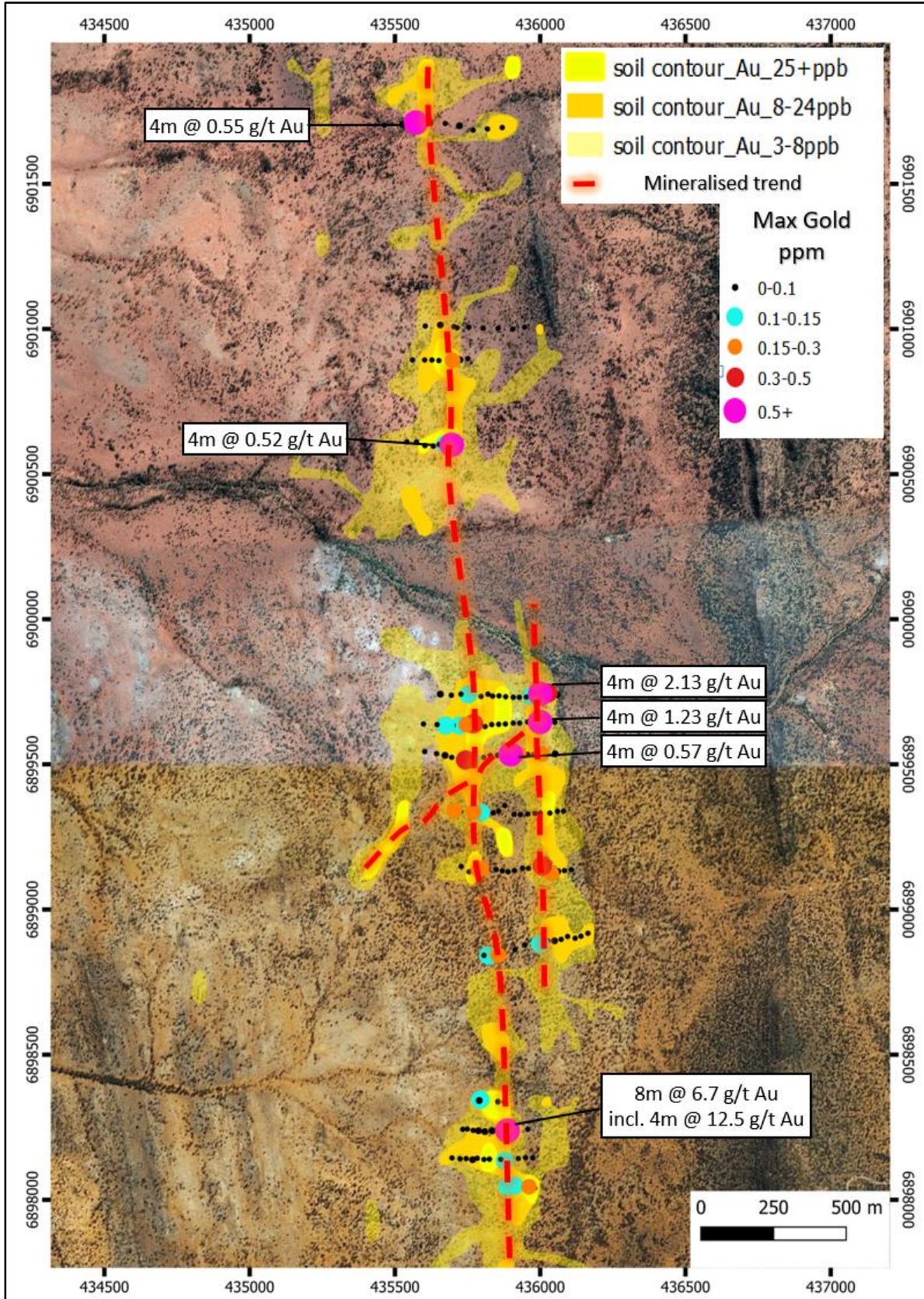


Figure 1 - Plan view of Amy Clarke, highlighting gold in soil contours and recent aircore drilling results that form a coherent mineralised trend.

## Technical Discussion

A 172-hole aircore program for 5,586m was completed during December last year at the Amy Clarke Prospect. The objective of the drill program was to assess the gold potential of the kilometre-scale gold in soil anomalies delineated in September last year (Refer ASX Announcement 28/9/21).

The drilling was regarded as highly successful and multiple holes encountered gold anomalism that form a coherent gold trend. The trend can be traced north-south through the prospect and every drill line, bar one, intersected gold anomalism. This newly defined gold trend also correlates well with the previously identified gold in soil trend (Figure 1).

Significant assay results include:

- **A standout assay result of 8m @ 6.73 g/t Au from 32m including 4m @ 12.5 g/t Au in 21ACAC147;**
- 4m @ 0.55 g/t Au from surface in 21ACAC007;
- 4m @ 0.52 g/t Au from 44m in 21ACAC029;
- 4m @ 2.13 g/t Au from surface in 21ACAC038;
- 4m @ 1.23 g/t Au from surface in 21ACAC055;
- 8m @ 0.31 g/t Au from 32m in 21ACAC065;
- 4m @ 0.57 g/t Au from 32m in 21ACAC078; and
- 4m @ 0.50 g/t Au from 16m in 21ACAC085.

The standout intersection of 8m @ 6.73 g/t Au from 32m including 4m @ 12.5 g/t Au in 21ACAC147 is significant on multiple lines of evidence. Firstly, it forms part of a much larger anomaly which has excellent correlation with kilometer-scale gold in soil anomaly. The intersection is the first high-grade gold discovered in the Amy Clarke area, with grades inline with those found in gold deposits throughout the Goldfields, demonstrating that Amy Clarke may host a gold deposit of economic significance.

The position of the high-grade intersection is also highly encouraging as it sits 32m to 40m downhole within a sheared basalt with quartz veining in fresh rock below the weathered zone. A thin veneer (0.5-10m) of cover is typical throughout the prospect area and the majority of gold intersections are within highly sheared mafic bedrock. Hole 21ACAC147 was one of only 24 holes of the program drilled deeper than 40m (maximum depth 60m) and highlights that deeper drilling is required at Amy Clarke.

The positioning of the gold anomalies is of particular interest as the anomalies reside in a magnetic low feature housed on each flank by distinct magnetic high features which are conspicuous landforms of Banded Iron Formation (BIF) ridges in the area. The magnetic low channel can be traced north to the Eristoun gold deposit and is interpreted to be the same position along strike that host the 322 koz @ 1.9g/t Eristoun deposit owned by Regis Resources Limited (Refer ASX: RRL Announcement 18/1/11).

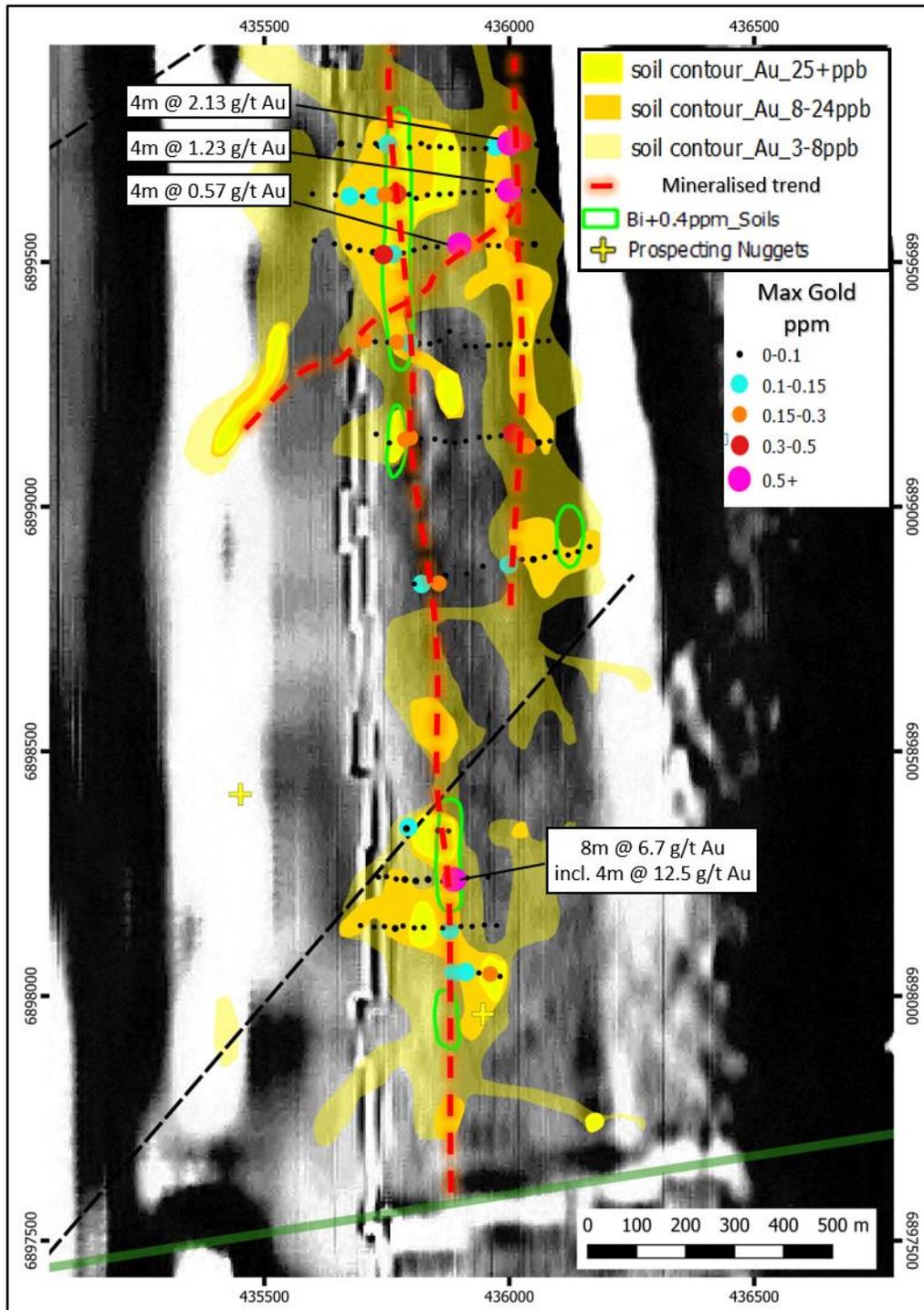


Figure 2 - Recent maximum gold in aircore drilling with soil anomalies at Amy Clarke over TMI2VD magnetic data, highlighting the position of anomalism relative to the magnetic low channel and cross cutting north-east structures

Cross cutting secondary structures have been interpreted, represented as breaks in the magnetic high features on the total magnetic intensity data. These north-eastern structures are believed to act as fluid traps which aids in localising mineralisation and commonly occur proximal to large gold deposits in the Duketon Belt. Two cross cutting features have been identified at Amy Clarke and have a proximal relationship to the gold in soil anomalies, with the southern structure in close proximity to the new high-grade intersection (Figure 2).

Bismuth in soils showed excellent correlation with the gold in soil anomaly with concentration towards the centre 'hotspots'. Aircore drilling has confirmed that bismuth is a good proxy for gold mineralisation as the main mineralised trend and the high-grade intersection (4m @ 12.5 g/t Au in 21ACAC147) sit directly in line with the bismuth anomaly (Figure 2).

Gold association with pathfinder elements such as bismuth indicate that the source of the anomalies is less likely to be transported as these elements are less mobile within the weathering regime.

### **Amy Clarke Next Steps**

GSN have submitted bottom of hole samples for multi-element analysis to the laboratory, which will be used to vector in on deep drill targets. 1m samples from the anomalous 4m intervals are presently being collected to be sent to the laboratory for further gold analysis, which is expected to yield higher-grade individual assays.

A geology mapping exercise led by Outcrop Exploration is set to take place over the Amy Clarke/Ogilvies area (for previous drilling results at Ogilvies, refer to ASX announcement of 23/9/21) in the month to investigate the anomalous trends and further refine regional target areas. Once complete, an appropriate drill design will be finalised.

### **Southern Star Drilling**

The Company is also pleased to report that 2 diamond drill holes at Southern Star for 320m have also been completed and are presently being cut for assay. The geological information collected from these holes will inform the planned Reverse Circulation (RC) drilling program at Southern Star, for which an RC rig has been booked to commence in the current quarter.

**This announcement is authorised by the Executive Chairman of GSN.**

#### **For Further Information Contact:**

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### **About Great Southern Mining**

Great Southern Mining Limited is a leading Australian listed gold exploration company. With significant land holdings in the world-renowned gold districts of Laverton in Western Australia and Mt Carlton in North Queensland, all projects are located within 25km of operating gold mills and major operations.

The Company's focus is on creating shareholder wealth through efficient exploration programs and strategic acquisitions of projects that complement the Company's existing portfolio of quality assets.

For further information regarding Great Southern Mining Limited please visit the ASX platform (ASX: GSN) or the Company's website [www.gsml.com.au](http://www.gsml.com.au).

## Competent Person's Statement

The information in this report that relates to Exploration Results is based on information compiled or reviewed by Simon Buswell-Smith, a Competent Person who is a Member of the Australian Institute of Geoscientists. Mr. Buswell-Smith is Exploration Manager WA of Great Southern Mining Limited. Mr. Buswell-Smith 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. Buswell-Smith consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

## Forward Looking Statements

Forward-looking statements are only predictions and are not guaranteed. They are subject to known and unknown risks, uncertainties and assumptions, some of which are outside the control of the Company. Past performance is not necessarily a guide to future performance and no representation or warranty is made as to the likelihood of achievement or reasonableness of any forward-looking statements or other forecast. The occurrence of events in the future are subject to risks, uncertainties and other factors that may cause the Company's actual results, performance or achievements to differ from those referred to in this announcement. Given these uncertainties, recipients are cautioned not to place reliance on forward looking statements. Any forward-looking statements in this announcement speak only at the date of issue of this announcement. Subject to any continuing obligations under applicable law and the ASX Listing Rules, the Company, its directors, officers, employees and agents do not give any assurance or guarantee that the occurrence of the events referred to in this announcement will occur as contemplated.

Table 1 - Recent drillhole locations at Amy Clarke

Drillhole	Easting	Northing	Dip	Azimuth	Depth
<b>21ACAC001</b>	435869	6901694	-60	90	35
<b>21ACAC002</b>	435818	6901689	-60	90	40
<b>21ACAC003</b>	435769	6901685	-60	90	35
<b>21ACAC004</b>	435722	6901700	-60	90	13
<b>21ACAC005</b>	435673	6901708	-60	90	5
<b>21ACAC006</b>	435623	6901710	-60	90	6
<b>21ACAC007</b>	435572	6901711	-60	90	4
<b>21ACAC008</b>	435526	6901705	-60	90	21
<b>21ACAC009</b>	435464	6901702	-60	90	5
<b>21ACAC010</b>	435597	6901712	-60	90	1
<b>21ACAC011</b>	435946	6901006	-60	90	2
<b>21ACAC012</b>	435905	6900999	-60	90	6
<b>21ACAC013</b>	435855	6901002	-60	90	21
<b>21ACAC014</b>	435803	6901003	-60	90	6
<b>21ACAC015</b>	435754	6901006	-60	90	5
<b>21ACAC016</b>	435713	6901004	-60	90	4
<b>21ACAC017</b>	435703	6901008	-60	90	2
<b>21ACAC018</b>	435656	6901014	-60	90	39
<b>21ACAC019</b>	435604	6901010	-60	90	27

Drillhole	Easting	Northing	Dip	Azimuth	Depth
21ACAC020	435751	6900898	-60	90	21
21ACAC021	435723	6900894	-60	90	27
21ACAC022	435698	6900891	-60	90	33
21ACAC023	435687	6900891	-60	90	30
21ACAC024	435651	6900891	-60	90	30
21ACAC025	435627	6900893	-60	90	27
21ACAC026	435602	6900893	-60	90	27
21ACAC027	435560	6900893	-60	90	30
21ACAC028	435716	6900600	-60	90	36
21ACAC029	435695	6900601	-60	90	54
21ACAC030	435672	6900602	-60	90	33
21ACAC031	435652	6900602	-60	90	24
21ACAC032	435632	6900596	-60	90	30
21ACAC033	435603	6900598	-60	90	30
21ACAC034	435574	6900610	-60	90	54
21ACAC035	435541	6900611	-60	90	33
21ACAC036	436058	6899740	-60	90	50
21ACAC037	436026	6899746	-60	90	21
21ACAC038	436000	6899743	-60	90	39
21ACAC039	435971	6899735	-60	90	33
21ACAC040	435952	6899732	-60	90	36
21ACAC041	435928	6899731	-60	90	36
21ACAC042	435907	6899731	-60	90	39
21ACAC043	435881	6899733	-60	90	33
21ACAC044	435858	6899736	-60	90	24
21ACAC045	435836	6899735	-60	90	30
21ACAC046	435820	6899742	-60	90	33
21ACAC047	435796	6899734	-60	90	33
21ACAC048	435733	6899737	-60	90	33
21ACAC049	435752	6899741	-60	90	33
21ACAC050	435727	6899742	-60	90	54
21ACAC051	435694	6899738	-60	90	39
21ACAC052	435656	6899742	-60	90	30
21ACAC053	436050	6899645	-60	90	18
21ACAC054	436022	6899647	-60	90	15
21ACAC055	435999	6899646	-60	90	24
21ACAC056	435976	6899647	-60	90	39
21ACAC057	435956	6899646	-60	90	36
21ACAC058	435929	6899642	-60	90	36
21ACAC059	435907	6899642	-60	90	30
21ACAC060	435880	6899639	-60	90	30
21ACAC061	435857	6899638	-60	90	36

Drillhole	Easting	Northing	Dip	Azimuth	Depth
21ACAC062	435833	6899637	-60	90	36
21ACAC063	435810	6899630	-60	90	36
21ACAC064	435795	6899638	-60	90	39
21ACAC065	435770	6899640	-60	90	45
21ACAC066	435745	6899637	-60	90	39
21ACAC067	435723	6899634	-60	90	36
21ACAC068	435700	6899634	-60	90	39
21ACAC069	435674	6899634	-60	90	36
21ACAC070	435645	6899637	-60	90	36
21ACAC071	435598	6899639	-60	90	42
21ACAC072	436051	6899536	-60	90	33
21ACAC073	436025	6899536	-60	90	27
21ACAC074	436005	6899536	-60	90	33
21ACAC075	435978	6899533	-60	90	45
21ACAC076	435957	6899534	-60	90	36
21ACAC077	435926	6899536	-60	90	39
21ACAC078	435898	6899535	-60	90	39
21ACAC079	435882	6899536	-60	90	33
21ACAC080	435853	6899531	-60	90	36
21ACAC081	435828	6899530	-60	90	36
21ACAC082	435805	6899524	-60	90	36
21ACAC083	435784	6899518	-60	90	39
21ACAC084	435762	6899516	-60	90	32
21ACAC085	435743	6899515	-60	90	48
21ACAC086	435722	6899520	-60	90	36
21ACAC087	435695	6899524	-60	90	30
21ACAC088	435672	6899531	-60	90	30
21ACAC089	435643	6899537	-60	90	33
21ACAC090	435602	6899544	-60	90	36
21ACAC091	436080	6899339	-60	90	30
21ACAC092	436059	6899338	-60	90	30
21ACAC093	436033	6899332	-60	90	30
21ACAC094	436000	6899332	-60	90	33
21ACAC095	435982	6899331	-60	90	24
21ACAC096	435957	6899329	-60	90	21
21ACAC097	435931	6899327	-60	90	48
21ACAC098	435910	6899328	-60	90	39
21ACAC099	435878	6899358	-60	90	40
21ACAC100	435857	6899339	-60	90	33
21ACAC101	435838	6899333	-60	90	36
21ACAC102	435814	6899333	-60	90	39
21ACAC103	435795	6899334	-60	90	33

Drillhole	Easting	Northing	Dip	Azimuth	Depth
21ACAC104	435770	6899336	-60	90	33
21ACAC105	435752	6899336	-60	90	30
21ACAC106	435726	6899337	-60	90	30
21ACAC107	435704	6899340	-60	90	30
21ACAC108	436107	6899137	-60	90	30
21ACAC109	436083	6899134	-60	90	33
21ACAC110	436060	6899131	-60	90	36
21ACAC111	436038	6899124	-60	90	36
21ACAC112	436007	6899150	-60	90	30
21ACAC113	435983	6899145	-60	90	30
21ACAC114	435959	6899142	-60	90	33
21ACAC115	435939	6899142	-60	90	39
21ACAC116	435911	6899134	-60	90	39
21ACAC117	435889	6899130	-60	90	39
21ACAC118	435869	6899133	-60	90	45
21ACAC119	435848	6899138	-60	90	45
21ACAC120	435819	6899139	-60	90	48
21ACAC121	435798	6899141	-60	90	36
21ACAC122	435787	6899137	-60	90	42
21ACAC123	435755	6899130	-60	90	48
21ACAC124	435728	6899148	-60	90	39
21ACAC125	436164	6898918	-60	90	33
21ACAC126	436140	6898908	-60	90	30
21ACAC127	436120	6898901	-60	90	30
21ACAC128	436094	6898907	-60	90	30
21ACAC129	436072	6898897	-60	90	30
21ACAC130	436049	6898892	-60	90	30
21ACAC131	436026	6898892	-60	90	30
21ACAC132	435999	6898882	-60	90	30
21ACAC133	435946	6898878	-60	90	30
21ACAC134	435913	6898862	-60	90	30
21ACAC135	435869	6898858	-60	90	33
21ACAC136	435856	6898843	-60	90	60
21ACAC137	435821	6898842	-60	90	48
21ACAC138	435806	6898842	-60	90	36
21ACAC139	435876	6898337	-60	90	39
21ACAC140	435854	6898339	-60	90	48
21ACAC141	435794	6898345	-60	90	45
21ACAC142	435854	6898337	-60	90	39
21ACAC143	435790	6898342	-60	90	42
21ACAC144	435957	6898243	-60	90	30
21ACAC145	435914	6898241	-60	90	45

Drillhole	Easting	Northing	Dip	Azimuth	Depth
21ACAC146	435905	6898237	-60	90	60
21ACAC147	435887	6898238	-60	90	45
21ACAC148	435864	6898234	-60	90	36
21ACAC149	435834	6898238	-60	90	39
21ACAC150	435809	6898235	-60	90	39
21ACAC151	435787	6898238	-60	90	30
21ACAC152	435769	6898239	-60	90	30
21ACAC153	435749	6898244	-60	90	33
21ACAC154	435733	6898243	-60	90	39
21ACAC155	435974	6898144	-60	90	30
21ACAC156	435949	6898145	-60	90	30
21ACAC157	435924	6898142	-60	90	30
21ACAC158	435901	6898142	-60	90	30
21ACAC159	435878	6898134	-60	90	30
21ACAC160	435864	6898139	-60	90	30
21ACAC161	435825	6898140	-60	90	30
21ACAC162	435806	6898139	-60	90	30
21ACAC163	435783	6898143	-60	90	30
21ACAC164	435767	6898138	-60	90	30
21ACAC165	435745	6898142	-60	90	30
21ACAC166	435724	6898141	-60	90	30
21ACAC167	435696	6898144	-60	90	30
21ACAC168	435981	6898040	-60	90	30
21ACAC169	435961	6898045	-60	90	30
21ACAC170	435938	6898047	-60	90	33
21ACAC171	435911	6898049	-60	90	30
21ACAC172	435886	6898047	-60	90	30

Table 2 - Significant Intersections Amy Clarke (Significant Intercepts are >4m @ 0.1g/t Au). All of the intersection are 4m composites

Hole ID	Depth From	Depth To	Interval Width	Au g/t
21ACAC007	0	4	4	0.55
21ACAC022	12	20	8	0.17
	28	33	5	0.18
21ACAC029	44	48	4	0.52
21ACAC030	20	24	4	0.14
21ACAC037	8	12	4	0.35
21ACAC038	0	8	8	1.12
Incl	0	4	4	2.13
21ACAC039	0	4	4	0.14

Hole ID	Depth From	Depth To	Interval Width	Au g/t
21ACAC049	20	28	8	0.12
21ACAC055	0	4	4	<b>1.23</b>
21ACAC065	0	4	4	0.27
	20	24	4	0.19
	32	40	8	0.31
21ACAC066	4	8	4	0.22
	20	24	4	0.18
21ACAC067	0	4	4	0.13
21ACAC069	24	28	4	0.12
21ACAC074	28	32	4	0.16
21ACAC077	24	28	4	0.23
21ACAC078	32	36	4	0.57
21ACAC084	24	28	4	0.12
21ACAC085	16	20	4	0.5
21ACAC103	16	20	4	0.13
	28	33	4	0.1
21ACAC104	20	24	4	0.27
21ACAC107	24	28	4	0.18
21ACAC111	4	8	3	0.17
21ACAC112	4	12	8	0.25
21ACAC121	16	20	4	0.18
21ACAC122	24	28	4	0.1
	32	40	8	0.17
21ACAC132	0	4	4	0.14
21ACAC136	4	12	8	0.12
	16	20	4	0.12
	44	48	4	0.1
	56	60	4	0.24
21ACAC137	32	36	4	0.15
21ACAC141	4	8	4	0.14
21ACAC147	32	40	8	<b>6.73</b>
Incl	32	36	4	<b>12.5</b>
21ACAC159	16	20	4	0.14
21ACAC169	16	20	4	0.19
21ACAC171	24	30	8	0.11
21ACAC172	4	8	4	0.12
	24	28	4	0.13

## JORC Code 2012 Edition – Table 1

### Section 1 Sampling Techniques and Data

Criteria	Commentary
<i>Sampling techniques</i>	<ul style="list-style-type: none"> <li>• Aircore (AC) drill cuttings were collected over 1m intervals via cyclone and placed on the ground in order (15-35 kg of sample material):               <ul style="list-style-type: none"> <li>•                   <ul style="list-style-type: none"> <li>○ One metre sample were collected as the rig drilled, 4-meter comps via spear method and have been taken. The anomalous 4m samples are planned to be assayed in 1m intervals. Reassays are yet to be received.</li> <li>○ For AC assay sampling, 1-3kg of sample was split from each 1meter sample length via a cone splitter. The cyclone was manually cleaned at the completion of each rod and thoroughly cleaned at the completion of each hole. The 1-3kg samples were pulverised to produce 50g charge for fire assay.</li> </ul> </li> </ul> </li> <li>• AC samples were collected and submitted for analysis at Bureau Vertas in Perth for Fire assay analysis. Field QC procedures involved the use of Certified Reference Materials (CRM's) as assay standards, and blanks. QA/QC procedures were implemented to industry standards.</li> </ul>
<i>Drilling techniques</i>	<p>The drilling operation was undertaken by experienced drilling contractor Kennedy Drilling.</p> <ul style="list-style-type: none"> <li>• Aircore rig was a one engine concept which powers both hydraulics and compressor. The Rig features a Booster mounted on board. The Rig Carrier is a short wheel base custom purpose-built MAN 6x6 all-wheel drive. Rods are 3m long with a 3 ½ bit.</li> <li>• Hammer bits were used when it was deemed necessary to penetrate further into the fresh rock profile. No downhole surveying has been undertaken on AC drillholes</li> </ul>
<i>Drill sample recovery</i>	<ul style="list-style-type: none"> <li>• AC sample recoveries of less than approximately 80% are noted in the geological/sampling log with a visual estimate of the actual recovery. Very few samples were recorded with recoveries of less than 80%.</li> <li>• Wet samples are recorded in logs with only a small portion (1%) detected</li> <li>• No relationship has been detected between grade and sample recovery</li> </ul>
<i>Logging</i>	<p>AC logging of was carried out in the field and logging has predominantly been undertaken on a metre-by-metre basis. Recorded data includes lithology, alteration, structure, texture, mineralisation, sulphide content, weathering and other features. Drillhole collar coordinates, azimuth, dip, depth and sampling intervals are also recorded. Qualitative logging includes classification and description of lithology, weathering, oxidation, colour, texture and grain size. Quantitative logging includes identification and percentages of mineralogy, sulphides, mineralisation, and veining. All information collected is entered directly into laptop computers or tablets, validated in the field, and then transferred to the database.</p> <p>The level of logging detail is considered appropriate for exploration and to support appropriate mineral resource estimation, mining studies, and metallurgical studies.</p>
<i>Sub-sampling techniques and sample preparation</i>	<p>Sample preparation of Great Southern Mining samples follows industry best practice standards at accredited laboratories. Sub-sampling and sample preparation techniques used are considered to maximise representivity of drilled material. QA/QC procedures implemented during each drilling program are to industry standard practice. Samples sizes are considered appropriate for this style of gold mineralisation and as an industry accepted method for evaluation of gold deposits in the Eastern Goldfields of Western Australia.</p> <p>Recent AC sub-samples were collected over 1 metre downhole intervals. No duplicates are taken for AC drilling. Sample sizes are approximately 3kg, this is considered appropriate for the</p>

Criteria	Commentary
	material being sampled. due to the early stage of exploration
<i>Quality of assay data and laboratory tests</i>	<ul style="list-style-type: none"> <li>Assay technique is Fire assay and is regarded as total</li> <li>Assaying of the AC drilling samples are being conducted by Bureau Veritas, Perth.</li> <li>Field QC procedures involved the use of Certified Reference Materials (CRM's) as assay standards, in conjunction with duplicates and blanks. The results of this analysis are reviewed when results are received.</li> <li>The fire assay gold analyses undertaken are considered a total assay method and is an appropriate assay method for the target-style mineralisation.</li> </ul> <p>Standard lab QC was also implemented as part of the geochemical testing protocol.</p> <p>No geophysical tools have been applied to the samples, or down hole, at this stage.</p>
<i>Verification of sampling and assaying</i>	<p>Results are verified by the geologist before importing into Datashed.</p> <p>No twin holes have been conducted</p> <p>Data is collected by tablet in the field and is imported into Datashed5.</p> <p>AC Field QC procedures involved the use of Certified Reference Materials (CRM's) as assay standards and blanks. No Field duplicates were collected.</p> <p>Assay data is reviewed prior to importing into Datashed no adjustments are made to raw assay files</p>
<i>Location of data points</i>	<p>All sites are in MGA94 – Zone 51 grid coordinates using a hand-held GPS +/- 5m</p> <p>Topographic control in nominal.</p>
<i>Data spacing and distribution</i>	<p>Data Spacing is variable see plans in report.</p> <p>Unknown due to early-stage exploration</p> <p>4m composite sampling has been used due to the early stage of exploration.</p>
<i>Orientation of data in relation to geological structure</i>	<p>No sample bias has been detected at this early stage.</p> <p>No drilling orientation and/or sampling bias has been recognised at this time.</p>
<i>Sample security</i>	<p>Samples are collected daily and placed in bulka bags at GSN office in Laverton, then delivered directly from site to the assay laboratories in Perth.</p>
<i>Audits or reviews</i>	<p>Historic drilling and sampling methods and QA/QC are regarded as not being as thoroughly documented compared to current standards. Inhouse reviews of various available historical company reports of drilling and sampling techniques indicates that these were most likely conducted to industry best practice and standards of the day. Drilling, sampling methodologies, and assay techniques used in these drilling programs are considered to be appropriate and to mineral exploration industry standards of the day.</p>

## Section 2 Reporting of Exploration Results

Criteria	Commentary
<i>Mineral tenement and land tenure status</i>	<p>Tenement E38/3518 was granted 27/7/2020 in the name of East Laverton Exploration Pty Ltd, a 100% owned subsidiary of Great Southern Mining Limited. The tenement is in good standing.</p>

Criteria	Commentary
<i>Exploration done by other parties</i>	<p>In 2014 previous land holders (Stone Resources Australia Limited) completed a Mobile Metal Ions (MMI) soil geochemical survey on wide spacing of 300 metres across the tenure<sup>1</sup>. MMI technology is an innovative analytical process that uses a unique approach to the analysis of metals in soils, using weak solutions of organic and inorganic compounds. It is especially well suited for deeper buried mineral deposits. MMI extraction on elements Ag, As, Au, Ce, Cr, Cu, Ni, Pb, Pd, Pt and Zn were analysed on an ICP-MS instrument. Results were highly effective for gold with a peak Au of 19.3ppb detected and three coherent plus 3ppb gold in soil anomalies were delineated.</p> <p>Review of the drillhole data revealed that in 1996 prior to the MMI survey Sons of Gwalia Ltd drilled near the anomaly, with the end of one line of shallow RAB drilling (maximum 9m) drilling a portion of the anomaly. Drillhole ACR735 is of significant interest as a gold value of 3m @ 340ppb from 6m was intersected<sup>2</sup>. Review of drill logs indicate that the vertical RAB hole ended at 9m (in mineralisation) within a 2m quartz vein. The significant gold intersection in ACR735 further confirms the validity of the target.</p>
<i>Geology</i>	<p>The Duketon Greenstone Belt is comprised of mafic and ultramafic rocks, felsic volcanic and volcanoclastic rocks, and associated clastic sedimentary rocks. The contacts with bounding granitic rocks are typically intensely deformed. Axial surfaces of folds typically trend north-northwest with limbs commonly sheared by major structures. The major regional scale structures are a key element for large scale gold deposition and three of these mineralised structures strike through the new tenements under application and are highly prospective areas for gold accumulation.</p>
<i>Drill hole Information</i>	<p>All the drill holes reported in this report are summarized in in the report</p> <p>Easting and northing are given in MGA94 – Zone 51 coordinates.</p> <p>RL is AHD</p> <p>Dip is the inclination of the hole from the horizontal. Azimuth is reported in magnetic degrees as the direction the hole is drilled..</p> <p>Down hole length is the distance measured along the drill hole trace. Intersection length is the thickness of an anomalous gold intersection measured along the drill hole trace.</p> <p>Hole length is the distance from the surface to the end of the hole measured along the drill hole trace.</p> <p>No material information has been excluded</p>
<i>Data aggregation methods</i>	<p>Significant assay intervals are recorded above 0.1g/t Au. No top cuts applied. Significant assays are 4m composites at this stage.</p> <p>A breakdown of the high-grade Interval is shown in the body of the report.</p>
<i>Relationship between mineralisation widths and intercept lengths</i>	<p>All significant intersections are quoted as downhole widths. Holes are drilled at a -60-degree dip which is industry standard. No relationship between mineralised with and intercept width can be identified at this early stage of exploration.</p> <p>All lengths are reported as downhole.</p>
<i>Diagrams</i>	<p>Relevant Diagrams are included in the body of this report.</p>

<sup>1</sup> WAMEX report A103266: Stone Resources Australia Ltd: Annual report for the period 01/01/2014 to 31/12/2014

<sup>2</sup> WAMEX report A63219: Sons of Gwalia Ltd: Surrender Report for the period 05/01/1993 to 28/09/2000

Criteria	Commentary
<i>Balanced reporting</i>	All matters of importance have been included and low value gold results are plotted on maps in conjunction with significant intercepts.
<i>Other substantive exploration data</i>	All relevant information has been included.
<i>Further work</i>	Future exploration includes assessment of recent drill results. Mineralisation is open along strike and at depth. Diagrams highlight potential area of interest for follow up work.