9 March 2023

Niagara West Phase 1 RC Drilling Program Update

Highlights:

- **Exploration targeting highlights Niagara West prospects as high-priority Gold targets.**
- **A new priority exploration target, Green Bullet extends over 800m and is defined by elevated soil geochemistry and shallow historical drilling combined with recently acquired geophysical datasets and regolith mapping.**
- **Other high priority targets defined by soil geochemistry, historical workings and drilling include May-White Cross, Derwent / Bonnie Scotland and Spinaway-Jarrahdale.**
- **~2500m RC Program planning underway for mobilisation in the coming months.**

Regener8 Resources NL (ASX: R8R) (**Regener8** or the **Company**) is pleased to update the market regarding its drill planning for the Kookynie Gold Project.

Further to the recent auger program results (ASX Announcement 31 January 2023), CSA Global and Regener8 have developed a targeting model to prioritise areas for drill testing across the Kookynie Gold Project. This has resulted in high priority targets at Niagara West being the focus for the upcoming drill program. The aim of the program will be to understand gold distribution along strike for regional trends, which can be later followed up by targeting depth extensions.

The high priority target areas planned to test include Green Bullet, May-White Cross, Derwent / Bonnie Scotland and Spinaway-Jarrahdale (**Figure 1**).

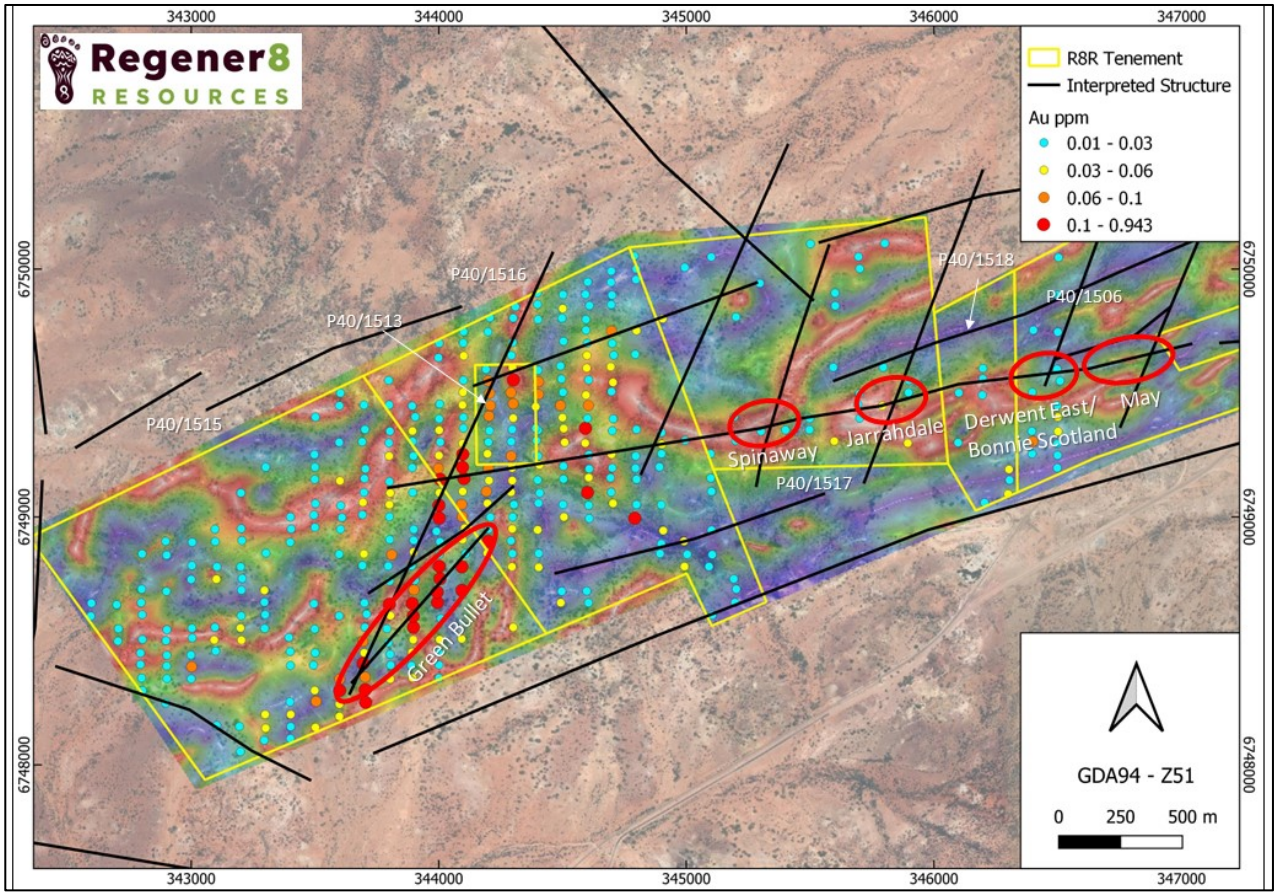

Figure 1. Map showing the drill targets, interpreted structures and auger soil geochemistry at Niagara West (Magnetics VRMI Band Pass TILT filtered).

The Green Bullet area is considered a new and exciting high priority target. The target represents a coherent Au in auger soil anomaly (**Figure 1**) and a wider spaced anomaly on the Principal Component Analysis – PC3 (**Figure 2**). The **Au in auger soil anomaly is coincident with high-grade Au assays in historical drilling** of **3m @ 15.71 g/t Au** from 14m (RONW0058) and **1 m @ 3.69g/t Au** (RONW0082) from 38m (**Figure 2**) (refer IPO Prospectus dated 3 May 2022 released on ASX on 6 July 2022).

Importantly, historical drilling tested this target with wide-spaced (100m to 200m) RAB drill lines to a vertical depth of 50 m and a two RC drill holes to a vertical depth of 75 m. The shallow historical drill testing and wide drill line spacing offers the opportunity to test for strike and dip extensions. Note that drilling assay results are reported from historical exploration during the 1990s. These assays have been extracted from hard copy WAMEX reports and no QA/QC has been performed on the data. The drilling assay results are indicative only but are considered sufficient to develop further drill targets. For further information see Table 1.

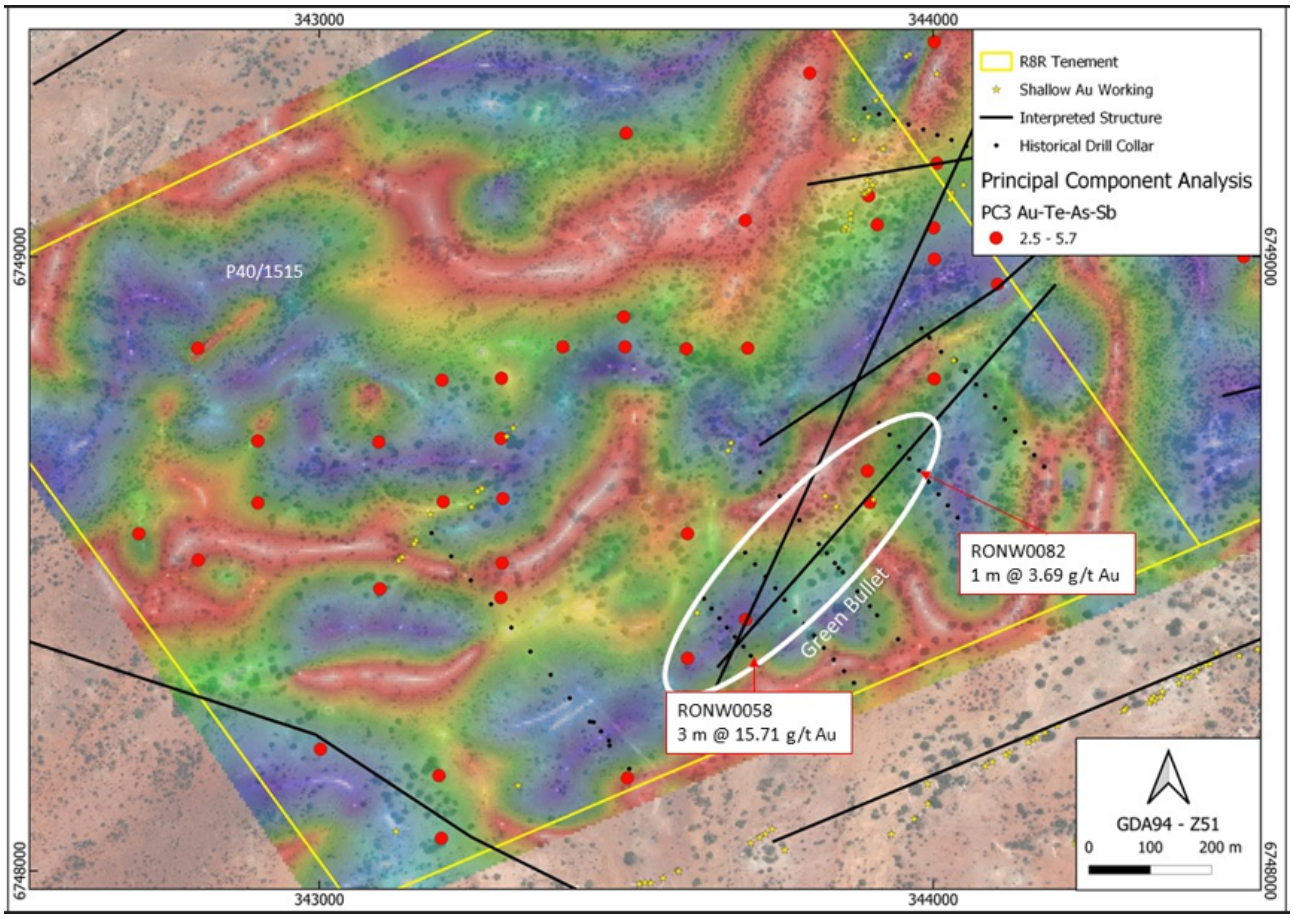

Figure 2: Auger soil geochemistry (PC3, Au-Te-As-Sb) for Niagara West overlain a magnetic image (VRMI Band Pass Tilt Filtered).

Historical drilling adjacent old workings of the May-White Cross trend found high grade mineralisation up to **2m @ 70.5 g/t Au**, (**Figure 3**) (refer IPO Prospectus dated 3 May 2022 released on ASX on 6 July 2022). Drilling assay results are reported from historical exploration during the 1990s. Similar to earlier comments, these assays have been extracted from hard copy WAMEX reports and no QA/QC has been performed on the data. The drilling assay results are indicative only but are considered sufficient to develop further drill targets. For further information see Table 1.

Historical drilling typically tested the May trend to a vertical depth of 20m to 50m, with one section to a vertical depth of 75 m. Shallow historical drill testing and high-grade intersections of the Au bearing quartz vein means that the May trend remains a high priority target for further testing of strike and depth extensions of gold mineralisation. Importantly, highest grades at the May workings are located at the intersection of the ENE trend of the main workings and interpreted NE-trending structures.

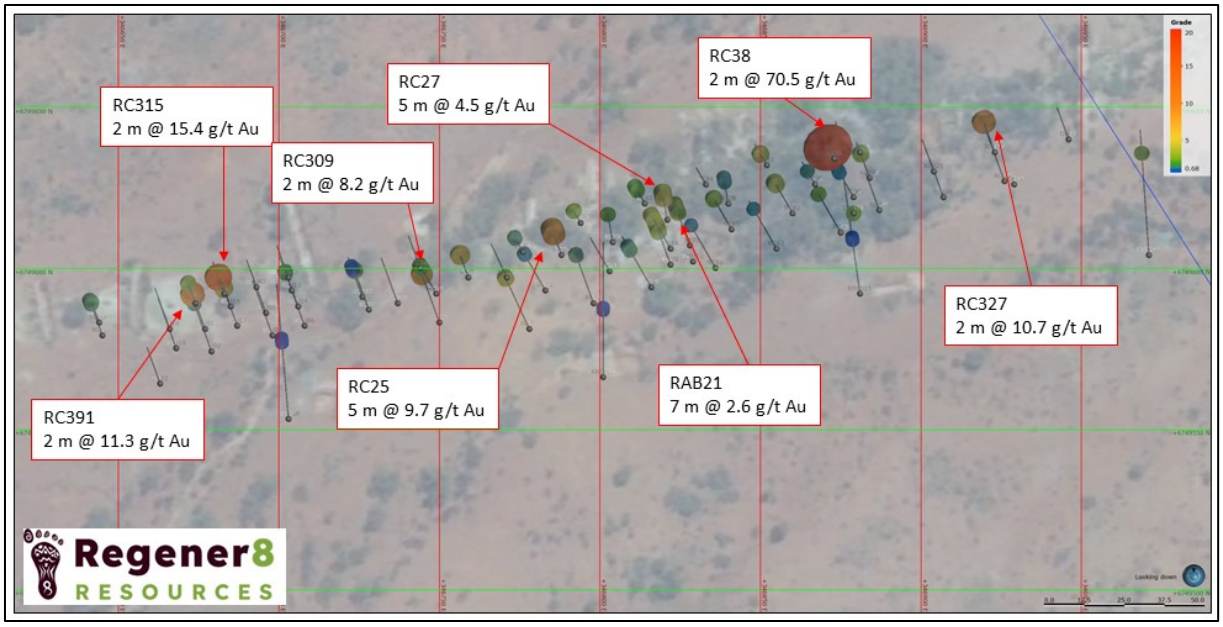

Figure 3: Map of historic drilling and high-grade Au assay results at the historic May workings.

Spinaway-Jarrahdale targeting is supported by historical workings, high grade rock chip samples collected by GTI Energy of up to **14.2 g/t** and moderate Au soil geochemical anomalies resulting from Regener8's auger program (**Figure 4**) (refer IPO Prospectus dated 3 May 2022 released on ASX on 6 July 2022). The Derwent East/Bonnie Scotland, Jarrahdale and Spinaway targets are also located at interpreted structural intersections similar to the May workings.

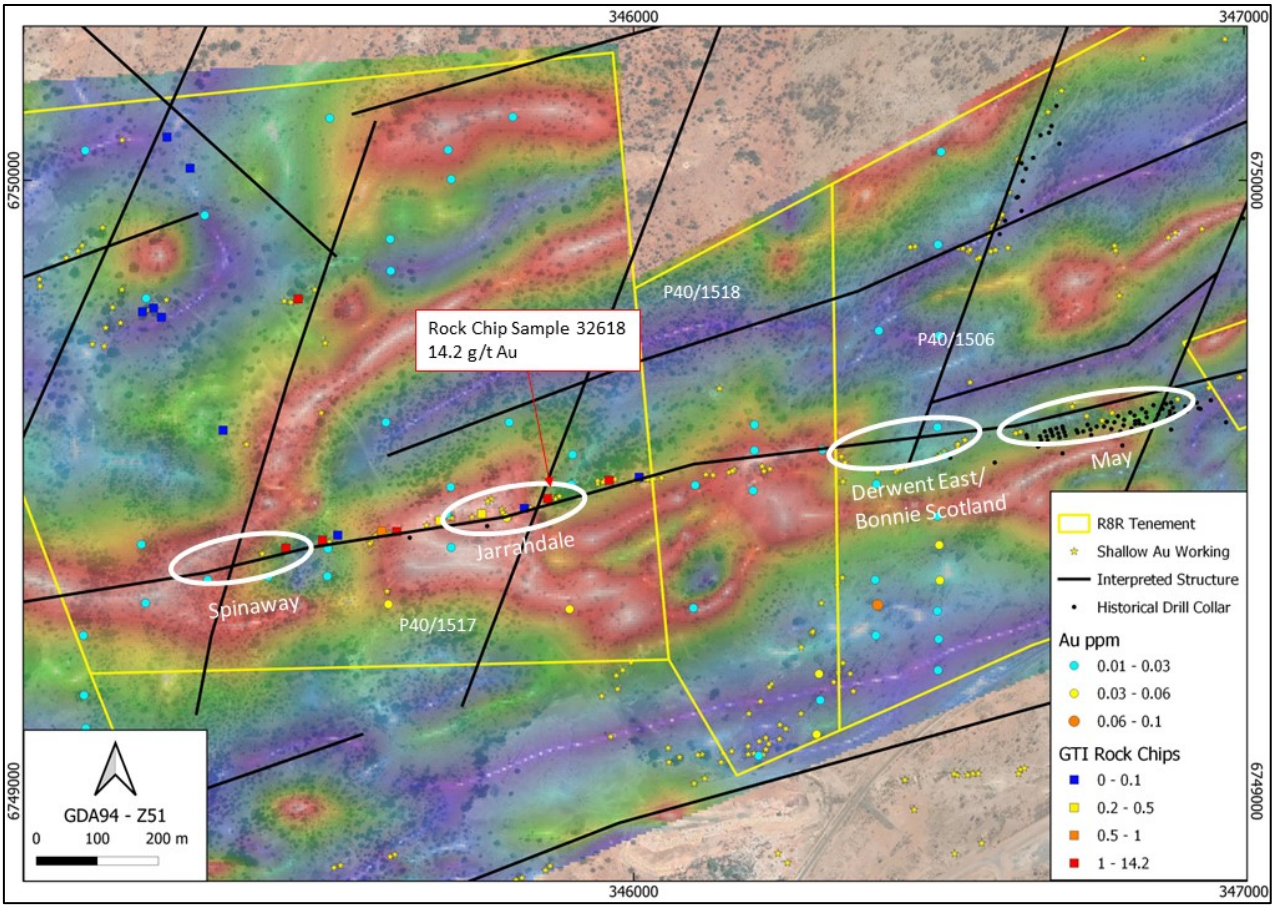

Figure 4: Auger soil geochemistry (Au ppm) for Niagara West overlain a magnetic image (VRMI Band Pass Tilt Filtered).

Next Steps

Regener8 has applied for and received Program of Works (POWs) for the proposed scope and is in the process of selecting a drilling contractor, while planning for a site mobilisation over the coming months.

Regener8's Managing Director, Stephen Foley, commented: *"We're looking forward to kicking off the Phase 1 RC program on Niagara West. The systematic approach to exploration of these tenements appears to have unlocked new compelling targets at Green Bullet. We're excited to test these with the drill bit, along with historically high grade targets on the May-White cross trend."*

Relevant ASX Announcements:

- 31.01.2023 "Encouraging Auger Results at Kookynie Gold Project"
- 14.07.2022 "Corporate Presentation"
- 15.02.2021 GTI Energy (ASX:GTR) "Niagara RC Drill Results & Four New Licences Granted"

This ASX Announcement has been authorised for release by the Board.

For further information, please contact:

Stephen Foley

Managing Director

Tel: +61 8 9226 2011

Information in this release that relates to Exploration Results on the Company's mineral assets is based on information compiled by Mr Ian Stockton. Mr Stockton is a full-time employee of CSA Global. Mr Stockton is engaged by Regener8 Resources NL as an independent consultant. Mr Stockton has sufficient experience which 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 Stockton is a Fellow and RPGeo (Exploration) of the AIG and Member of the AusIMM. Mr Stockton consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.

About Regener8 Resources NL

Regener8 Resources NL (ASX:R8R) listed on the Australian Securities Exchange Friday, 8 July 2022 and acquired the Kookynie Gold Project from GTI Energy (Ltd ASX:GTR).

Regener8 Resources Kookynie Project is located in the Kookynie district of Western Australia, approximately 150km north of Kalgoorlie and 55km south of Leonora. This historically productive region has produced over 500,000oz* and has undergone a revival of activity in recent years, with encouraging resource growth and exploration results by neighbours such as Genesis Minerals, Iris Metals, Carnavale Resources and Metallicity.

Regener8 intends to investigate its underexplored tenements located in the heart of this district, with a view to adding value, whilst traversing lightly on country and in a climate sensitive manner.

*(GSWA Report "Geology of the Melita 1:100,000 Sheet" 1994)

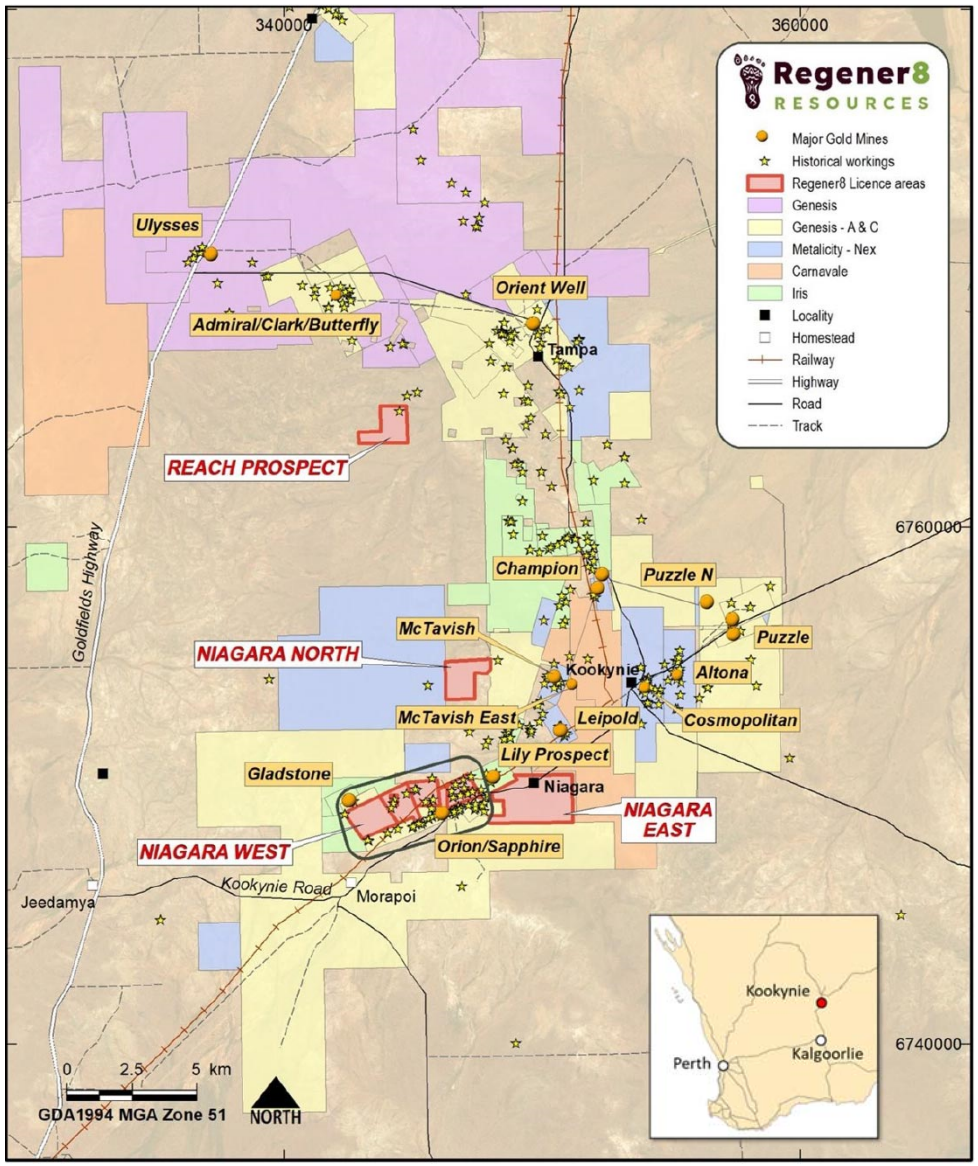

Figure 7: Regener8 Resources' Project Location Map

Table A: Niagara and Tampa-Reach auger soil gold results ≥0.03 ppm (GDA94 – Z51S)

Sample ID	Easting	Northing	Au_ppm	As_ppm	Sb_ppm	Te_ppm
VGA1331	344146	6764498	0.03	15.3	0.84	0.1
VGA1381	343850	6764005	0.03	14.2	0.85	0.13
VGA1737	343609	6748998	0.03	2.6	0.3	0.025
VGA1578	343004	6748512	0.03	3.5	0.21	0.05
VGA1690	343400	6748457	0.03	7.5	0.12	0.08
VGA1907	344205	6749348	0.03	6.7	0.51	0.17
VGA1944	344399	6749858	0.03	4.5	0.48	0.025
VGA1479	347050	6754046	0.03	8.2	0.51	0.34
VGA2052	344701	6749700	0.03	5.9	0.42	0.24
VGA2449	346502	6749345	0.031	1.4	0.23	0.025
VGA1380	343848	6763895	0.031	14.4	0.65	0.1
VGA1412	347558	6754853	0.031	8.2	0.84	0.1
VGA1413	347549	6754755	0.031	9.5	0.3	0.12
VGA1794	343801	6749050	0.031			
VGA1894	344101	6749650	0.031	14.2	0.53	0.2
VGA1963	344400	6748948	0.031	3.4	0.25	0.44
VGA1966	344404	6748797	0.031	4.7	0.17	0.06
VGA2108	344905	6749800	0.031	3.1	0.15	0.05
VGA1265	344642	6763796	0.032	22.1	1.3	0.1
VGA1279	344555	6764099	0.032	53.5	2.9	0.29
VGA1604	343102	6748749	0.032	1.2	0.2	0.11
VGA1793	343804	6749097	0.032	3.2	0.37	0.06
VGA1923	344297	6748952	0.032	4.1	0.22	0.13
VGA1927	344292	6749100	0.032	4.4	0.16	0.025
VGA1631	343199	6748552	0.033	1.4	0.11	0.05
VGA1656	343296	6748704	0.033	4.7	0.28	0.09
VGA2095	344799	6749752	0.033	4.6	0.37	0.05
VGA2002	344500	6749401	0.033	7.6	0.46	0.08
VGA1370	343952	6763502	0.034	20.9	1.72	0.15
VGA1469	347151	6754656	0.034	10.1	0.54	0.11
VGA1864	344004	6748505	0.034	2.2	0.22	0.025
VGA1909	344197	6749255	0.034	4.7	0.25	0.23
VGA2054	344695	6749606	0.034	7.9	0.5	0.15
VGA1813	343892	6748454	0.035	2.9	0.1	0.15
VGA1278	344547	6764298	0.036	26	2.02	0.27
VGA1284	344551	6763698	0.036	27	1.82	0.16
VGA1349	344050	6763809	0.036	14.9	1.09	0.11
VGA1933	344301	6749399	0.036	6.4	0.46	0.14
VGA1399	347748	6754842	0.036	10.8	0.43	0.05
VGA1734	343601	6749146	0.036	2.2	0.32	0.05
VGA1811	343894	6748351	0.036	2.2	0.17	0.025

Sample ID	Easting	Northing	Au_ppm	As_ppm	Sb_ppm	Te_ppm
VGA1832	343894	6749347	0.036	2.2	0.27	0.025
VGA1917	344196	6748854	0.036	7	0.33	0.08
VGA2413	346304	6749192	0.036	1.3	0.25	0.05
VGA1471	347051	6754752	0.036	19.8	0.94	0.18
VGA1852	344003	6749098	0.036	6.8	0.45	0.11
VGA1324	344249	6764203	0.037	22.5	1.11	0.18
VGA1362	343955	6764298	0.037	5.9	0.5	0.15
VGA2133	344991	6748902	0.037	9.7	0.54	0.17
VGA1309	344356	6763895	0.037	12.2	0.87	0.11
VGA1379	343845	6763801	0.037	17.9	0.79	0.24
VGA2001	344505	6749357	0.037	5.6	0.35	0.06
VGA1358	344052	6764598	0.038	14.6	0.91	0.12
VGA1937	344298	6749603	0.038	14.6	0.48	0.13
VGA1270	344644	6764309	0.039	22.3	2.98	0.3
VGA2055	344704	6749543	0.039	7.6	0.39	0.14
VGA1326	344257	6764307	0.039	30.7	3.52	0.16
VGA1645	343299	6748203	0.039	3.3	0.13	0.08
VGA1698	343502	6748151	0.039	3.1	0.11	0.025
VGA1821	343899	6748859	0.039	3.2	0.26	0.025
VGA2029	344592	6749298	0.039	4	0.34	0.07
VGA2126	344907	6748945	0.04	4	0.4	0.08
VGA2131	344993	6748800	0.04	1.7	0.15	0.025
VGA1771	343694	6749059	0.04	2	0.2	0.07
VGA2022	344598	6749601	0.04	11.6	0.61	0.34
VGA1973	344301	6748555	0.041	1.9	0.15	0.025
VGA1846	344002	6749350	0.041	50.3	1.54	0.07
VGA2349	345895	6749298	0.041	1.4	0.14	0.025
VGA1271	344643	6764400	0.042	7	0.73	0.06
VGA1397	347845	6754756	0.042	6.6	0.25	0.16
VGA1870	344093	6748508	0.042	2.7	0.19	0.07
VGA1880	344105	6748955	0.042	9.1	0.85	0.15
VGA2118	344902	6749293	0.042	11.2	0.7	0.59
VGA1920	344296	6748799	0.043	5.9	0.26	0.07
VGA2021	344599	6749652	0.043	9.7	0.48	0.09
VGA1929	344296	6749198	0.044	3.8	0.25	0.07
VGA1999	344509	6749301	0.044	10.6	0.58	0.13
VGA2065	344704	6749055	0.044	7.2	0.44	0.13
VGA1598	343093	6748504	0.044	2.8	0.21	0.13
VGA2448	346501	6749403	0.044	2.5	0.18	0.05
VGA1473	347050	6754553	0.044	19	0.81	0.22
VGA1891	344098	6749503	0.044	7.1	0.33	0.12

Sample ID	Easting	Northing	Au_ppm	As_ppm	Sb_ppm	Te_ppm
VGA2061	344698	6749253	0.044	6.4	0.32	0.19
VGA1953	344392	6749445	0.045	9.9	0.54	0.08
VGA1359	343949	6764600	0.046	13.8	0.83	0.06
VGA1809	343804	6748346	0.046	1.1	0.18	0.05
VGA1759	343699	6748452	0.046	2.5	0.23	0.025
VGA1486	347055	6753351	0.046	16.3	0.74	0.24
VGA1319	344254	6763703	0.047	17.6	1.29	0.1
VGA1814	343897	6748505	0.047	5.5	0.21	0.11
VGA1644	343301	6748148	0.047	3	0.18	0.07
VGA1883	344097	6749103	0.047	10.8	0.58	1.28
VGA1340	344149	6763609	0.048	37.3	2.08	0.22
VGA1958	344407	6749210	0.048	2.4	0.23	0.025
VGA1879	344096	6748909	0.048	3.3	0.24	0.07
VGA1986	344493	6748654	0.049	0.7	0.18	0.35
VGA1355	344053	6764304	0.049	8.9	1.16	0.12
VGA1695	343402	6748203	0.049	1.7	0.21	0.17
VGA2011	344501	6749841	0.049	5.3	0.43	0.06
VGA1411	347644	6754854	0.05	5.4	0.31	0.025
VGA1804	343805	6748602	0.05	5.6	0.15	0.05
VGA1484	347053	6753554	0.05	9.2	0.67	0.08
VGA2024	344595	6749492	0.05	6.9	0.47	0.07
VGA1753	343599	6748245	0.051	2.1	0.15	0.025
VGA1472	347051	6754648	0.051	16.5	0.71	0.15
VGA2273	345598	6749306	0.052	5.7	0.34	0.09
VGA1913	344197	6749055	0.053	2.1	0.2	0.1
VGA1754	343599	6748195	0.053	3.5	0.2	0.16
VGA1887	344097	6749297	0.053	4.9	0.38	0.11
VGA1928	344297	6749147	0.055	6.8	0.35	0.11
VGA1911	344203	6749147	0.055	7.6	0.42	0.12
VGA1310	344360	6763796	0.056	15.9	1.19	0.1
VGA1848	344001	6749248	0.056	3.6	0.31	0.025
VGA1702	343499	6748300	0.057	1.6	0.12	0.025
VGA2032	344606	6749159	0.058	7.7	0.5	0.14
VGA2415	346300	6749093	0.058	0.8	0.14	0.05
VGA1790	343800	6749246	0.059	3.5	0.3	0.07
VGA1890	344096	6749452	0.059	12.8	0.64	0.13
VGA1248	344749	6764497	0.06	13.8	0.8	0.09
VGA1632	343203	6748503	0.06	2.1	0.3	0.07
VGA1993	344506	6749000	0.06	20.3	0.24	0.5
VGA2316	345792	6749448	0.06	3.2	0.25	0.05
VGA1767	343698	6748851	0.06	5.9	0.67	0.14

Sample ID	Easting	Northing	Au_ppm	As_ppm	Sb_ppm	Te_ppm
VGA1951	344403	6749546	0.062	10.7	0.59	0.09
VGA1952	344403	6749495	0.062	9.6	0.43	0.09
VGA1904	344206	6749499	0.063	9.7	0.51	0.16
VGA1906	344203	6749407	0.064	4.2	0.34	0.07
VGA1912	344193	6749103	0.064	5.9	0.41	0.14
VGA1387	343848	6764594	0.065	19.9	0.56	0.16
VGA1934	344301	6749457	0.065	6.8	0.47	0.09
VGA1580	343002	6748396	0.066	3.2	0.26	0.07
VGA2026	344605	6749450	0.066	5.9	0.48	0.08
VGA2003	344492	6749450	0.067	11	0.67	0.14
VGA2051	344698	6749751	0.068	12.1	0.72	0.38
VGA1302	344354	6764595	0.069	11.4	0.7	0.09
VGA1760	343694	6748498	0.069	3.2	0.52	0.14
VGA1348	344045	6763702	0.07	14.8	1.43	0.1
VGA1849	343999	6749196	0.072	6	0.37	0.07
VGA1339	344146	6763703	0.074	12.8	1.01	0.025
VGA1905	344209	6749450	0.075	7.9	0.41	0.15
VGA1881	344095	6749001	0.076	2.4	0.46	0.025
VGA2419	346400	6749305	0.078	2.1	0.23	0.07
VGA1436	347248	6754756	0.079	6.7	0.42	0.08
VGA1882	344093	6749051	0.08	9.1	0.62	0.47
VGA1910	344201	6749195	0.082	5.6	0.37	0.15
VGA1935	344292	6749502	0.089	13.4	0.56	0.13
VGA1701	343505	6748256	0.089	3.4	0.35	0.09
VGA1757	343703	6748354	0.09	3.2	0.24	0.05
VGA1751	343600	6748346	0.09	1.9	0.18	0.11
VGA1903	344200	6749549	0.09	14	0.76	0.25
VGA1930	344293	6749246	0.091	6.1	0.28	0.16
VGA1485	347048	6753452	0.091	12.7	0.64	0.13
VGA1368	343950	6763702	0.095	32.5	1.56	0.22
VGA1338	344155	6763798	0.096	32.1	1	0.11
VGA1798	343810	6748848	0.096	3.5	0.24	0.025
VGA1818	343900	6748706	0.097	5.2	0.34	0.11
VGA1488	346946	6753653	0.099	7.6	0.46	0.23
VGA1854	344002	6748996	0.103	4.1	0.33	0.26
VGA1268	344646	6764099	0.106	21.9	1.8	0.13
VGA2028	344593	6749358	0.107	4.4	0.35	0.06
VGA1320	344251	6763802	0.108	16.7	0.98	0.15
VGA1861	343995	6748655	0.11	2.6	0.12	0.07
VGA1885	344096	6749201	0.11	8.4	0.58	0.43
VGA2080	344792	6748995	0.111	8	0.47	0.22

Sample ID	Easting	Northing	Au_ppm	As_ppm	Sb_ppm	Te_ppm
VGA1936	344302	6749553	0.116	17.1	0.58	0.16
VGA1874	344094	6748704	0.122	2.9	0.34	0.17
VGA2033	344601	6749099	0.122	1.9	0.2	0.06
VGA1916	344200	6748902	0.125	6.1	0.3	0.11
VGA1752	343600	6748300	0.131	3.7	0.2	0.1
VGA1755	343705	6748252	0.143	3.2	0.17	0.1
VGA1295	344454	6764103	0.149	17.9	1.98	0.23
VGA1886	344097	6749253	0.151	14.5	0.75	0.24
VGA1853	344001	6749047	0.158	11.2	0.72	2.25
VGA1859	344005	6748751	0.163	3.5	0.19	0.15
VGA1803	343801	6748648	0.165	5.4	0.2	0.22
VGA1756	343703	6748303	0.186	4.5	0.23	0.21
VGA1884	344102	6749155	0.19	12.6	0.74	0.33
VGA1877	344094	6748799	0.201	3	0.15	0.08
VGA1758	343695	6748409	0.203	5.6	0.26	0.85
VGA1817	343893	6748651	0.227	5.5	0.35	0.09
VGA1858	344002	6748801	0.245	5.6	0.31	0.14
VGA1815	343898	6748555	0.342	2.7	0.18	0.13
VGA1860	343994	6748697	0.365	3	0.21	0.08
VGA1816	343897	6748600	0.38	5	0.3	0.13
VGA1851	344006	6749152	0.851	17.4	0.96	0.21
VGA1470	347151	6754750	0.943	30.7	1.15	0.19

1. JORC CODE, 2012 EDITION – TABLE 1

1.1 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.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *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.*	Auger Sampling: • Regener8 Resources NL Auger Soil Geochemistry Survey • Auger soil samples were collected at 50 m sample spacing and 100 m line spacing. • Auger drilling at each sampling site was to refusal or to a depth of 1.5 m. • Sample depth at shallow refusal was 0.5 m to 0.8 m but typically samples were collected at 1.5 m nominal depth. • A single sample at the bottom of hole was collected by spear for a sample weight of approximately 200 g. • QAQC -certified reference standards, blanks and field duplicates have been inserted into sample runs. • Soil samples were submitted to ALS laboratories in Perth. Historical Drilling: • There is insufficient evidence in historical drilling reports to assess sample quality and representivity
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	Auger Sampling: • Drilling was carried out by Gyro Drilling using a light vehicle-mounted mechanical auger with a drill diameter of 3.5 inch (8.89 cm). The bottom of hole sample was collected typically at 1.5 m depth below surface and between 0.5 m and 0.8 m at shallow refusal. Historical Drilling: • Historical drilling data references are for RAB and RC drilling

Criteria	JORC Code explanation	Commentary
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *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.*	Auger Sampling: • Samples were ground placed in 1 m intervals, intervals acid tested and colour recorded. • Visual estimates of recovery were carried out. • No significant sampling issues were noted and it is therefore considered that both sample recovery and quality is adequate for the drilling technique employed. • In a few cases there was insufficient recovered to collect a representative sample for all laboratory analyses and these samples were not analysed. • Samples were spear sampled. Historical Drilling • There is insufficient evidence in historical drilling reports to assess sample quality and representivity • CSA Global consider the information is fit for purpose for target generation.
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.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	Auger Sampling: • All samples were geologically logged and acid tested and recorded by the experienced drill crew. • Logging is qualitative and descriptive in nature. Historical Drilling: • Reported geological logging from historical drilling is inconsistent and often incomplete. • Where geological logging is reported, the logging is qualitative in nature and includes, for example, logs of weathering, lithology, alteration, veining, and the presence of quartz and pyrite. • There is no record sample photography and there is insufficient available information to comment on the total length and percentage of the relevant intersections logged from the available historical records.

Criteria	JORC Code explanation	Commentary
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *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.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	Auger Sampling: • Auger samples were speared to create a bottom of hole sample. • Further sample preparation was undertaken at the ALS laboratory in Perth. • Certified standards blanks and field duplicates were inserted every 25 samples for QAQC. • Sample sizes and laboratory preparation techniques are considered to be appropriated for this early stage exploration and commodity being target. Historical Drilling: • There are no records of how historical exploration samples were sub-sampled. • There are limited records of whether the samples were wet or dry; A & C Mining Investments Pty Ltd provide a record of dry/moist/wet scoop samples. • Based on the available historical information, the preparation of samples from drill cuttings were appropriate at the time of sampling. • There are no records of the QC procedures to ensure that sampling was representative in historical exploration records. • The sampling methods are considered appropriate to the grain size of the gold mineralisation styles in the district. • Notwithstanding the lack of sufficient data, CSA Global consider the information to be appropriate for target generation.
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For 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.* • *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether*	Auger Sampling: • Assaying was done by ALS laboratories in accordance with standard procedures. • In addition to the Company QAQC, laboratories run internal QAQC (CRM's, blanks pulp and solution duplicates) • Multielement analysis of bottom of hole auger samples was done by four acid digestion and ICP-MS finish for 48 elements and a 50 g charge for fire assay atomic adsorption finish for Au.

Criteria	JORC Code explanation	Commentary
	acceptable levels of accuracy (ie lack of bias) and precision have been established.	Historical Drilling: • Golden Dragon Mining NL collected drill cuttings at 1 m interval and resampled to 2 m composites. 2 kg samples were sent to Multilab Kalgoorlie for 50 g aqua regia digest and AAS finish for Au only. • Aberfoyle Resources Ltd grab sampled drill cuttings (2 m from surface, than 4 m intervals), and submitted the samples to AAL Kalgoorlie for analysis by 50 g fire assay with AAS determination. Where elevated gold was assayed, composite samples were resampled to 1 m. Surface samples were sieved to -6mm and assayed via the B-ETA method at Genalysis Kalgoorlie. • Barminco Pty Ltd auger soil samples were hand sieved to 2 mm and -80# mesh to produce a 0.5 kg sample for BLEG analysis by Ultra Trace Pty Ltd. • Laconia Resources Limited RC samples were submitted to Kalgoorlie Assays Laboratory (Kalassay) for preparation and assay. Sample pulps were checked for their passage through 75 µm mesh and assayed by fire assay for gold and aqua regia for other elements. Quality assurance and quality control was monitored during the program by submitting fours standards (G901-1, G901-9, G301-10 and GLG307-1). Data integrity for the programme was deemed to be of good quality with the external standards reporting consistent results. • Information on the quality of assay data and laboratory tests from other historical information is incomplete. Some reports indicate that sample repeats were assayed on occasion. • Aqua Regia and BLEG are considered partial digest methods and Fire Assay is considered a total digest assay method. • CSA Global the quality of the assay data and QAQC information is variable through the various generations of exploration programs, however, the consistent anomalous results in target zones below workings indicate the assay data is fit for the purpose of target generation.

Criteria	JORC Code explanation	Commentary
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	Auger Sampling: • Laboratory QAQC is acceptable. • Company standards, blanks and duplicates are acceptable. Historical Drilling: • Significant intersections have not been independently verified. • No verification work has been carried out on the historic open-file WAMEX data. • No adjustments were made to the historical assay data. • CSA Global consider the data derived from assaying and sampling to be fit for the purpose of follow up exploration.
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.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	Auger Sampling: • All samples are located with a hand held GPS. These positions are considered to be within 3 m accuracy in the horizontal plane. RI is not specifically accurate for handheld GPS, however the rL data is fit for this purpose as the terrain is largely flat and there is no further requirement for accurate rl for future work. • All sample location data are in UTM GDA94 Zone 51 South. Historical Drilling: • The accuracy and precision of historic surveyed coordinates is unknown due to the historical nature of exploration. AGD84 Zone 51 and GDA94 Zone 51 are the reported coordinate systems used by the historic exploration activities. There is no detailed documentation regarding accuracy of topography. • Scanned maps were georeferenced using either Dead Tenement boundaries or the location of sites such as historical workings, which are visible in modern satellite imagery. The accuracy and precision of location data is uncertain where scanned maps were georeferenced. • CSA Global recommend ground truthing critical collar locations for better accuracy, however, the scanned location points are considered adequate for initial target generation.

Criteria	JORC Code explanation	Commentary
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *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.* • *Whether sample compositing has been applied.*	Auger Sampling: • Auger sampling is typically on a grid with 50 m hole spacing and 100 m line spacing. Historical Drilling: • Historical down hole sampling was typically reported at 1 m intervals, however, sampling intervals in historical data are incomplete and on occasion do report results according to variously composited intervals up to 4 m length. • The spacing of the historic exploration programs is appropriate for understanding of exploration potential and identification of broad anomalous zones. • No Mineral Resource Estimates have been completed.
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.* • *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.*	Auger Sampling: • Auger sampling was carried out on North-South oriented lines which is perpendicular to most structures but oblique to a subset of structures. • Auger drilling is vertical. Historical Drilling: • Historical drill holes were orientated either vertically or with a dip of 60 degrees. Drilling azimuths were variably recorded in either numerical format or as an illustrated drill trace. Historical drilling was approximately towards the north or west-northwest and vary with the prospect and inferred orientation of the target structure represented by the general trend of historical workings. • There is no apparent bias in any of the drilling orientations used. • While it is difficult to reliably locate downhole intersections from the available information, CSA Global consider that the historical drilling records are suitable for target generation.
Sample security	• *The measures taken to ensure sample security.*	Auger Sampling: • All samples were guarded on site at all times and submitted to ALS laboratories by Gyro Drilling.

Criteria	JORC Code explanation	Commentary
		Historical Drilling: • No records exist of historic sample security procedures for any of the previous exploration campaigns conducted by the various companies.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	Auger Sampling: • No audits or reviews have yet been undertaken on the sampling data. Historical Drilling: • No audits or reviews have yet been undertaken on the sampling data.

1.2

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as 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 Kookynie Gold Project comprises one granted exploration licence, E40/342 and eight prospecting licences, P40/1492 (Reach Prospect), P40/1506, P40/1513, P40/1515, P40/1516, P40/1517, P40/1518, and P40/1536, located in the Kookynie region in Western Australia's Goldfields region. • The licences are held 100% by Regener8 Resources NL. • All the licences are in good standing.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Previous airborne magnetic/radiometric surveys have been undertaken in the area of interest by GTI Energy and Mt Kersey Mining NL. • Historic exploration of relevance has been undertaken by Mount Edon Mines Pty Ltd, Mt Edon Mines Pty Ltd, Golden Valley Mines NL, Golden Dragon Mining NL, Aberfoyle Resources Ltd, Kookynie Resources NL, Barminco Pty Ltd, and Laconia Resources Limited. • Exploration for gold, completed by historical workers within E40/342, has been limited to broadly spaced soil sampling and

Criteria	JORC Code explanation	Commentary
		limited reconnaissance drilling programs, with the majority of the work undertaken in areas outside the current E40/342 licence area. Exploration within P40/1492, P40/1506, P40/1513, P40/1515, P40/1516, P40/1517, P40/1518, and P40/1536 during the late 1980's and 1990's, comprised trenching, sampling and shallow first pass drilling, primarily focused on the historical workings.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The project areas are located within the central section of the Archaean Norseman-Wiluna greenstone belt. The main structural feature in the region is the Moriarty Shear Zone that marks the boundary between the Kalgoorlie and Kurnalpi terranes of the Eastern Goldfields Superterrane. The Kookynie region is located in the western part of the Kurnalpi Terrane where it is interpreted that between c. 2692 Ma and 2680 Ma, volcanic centres produced bimodal (basalt–rhyolite) volcanic and associated intrusive and sedimentary rocks in an arc-rift environment. • Locally, the rocks in the Niagara mining area north of the Mulliberry Granitoid Complex mainly consist of cumulate-textured gabbronorite and gabbroic anorthosite, dolerite and iron-rich quartz diorite, felsic volcanics and granite. The rocks are mainly low temperature metamorphic assemblages of greenschist or lower amphibolite facies. • Historical workings exploited high grade gold in narrow quartz vein targets by underground mining methods.
Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* o *easting and northing of the drill hole collar* o *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* o *dip and azimuth of the hole* o *down hole length and interception depth* o *hole length.* • *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not*	Auger Sampling: • All auger drill hole information for samples with Au≥0.03 ppm is presented in Table A and in the body text. Historical Drilling: • Drill hole easting, northing, dip, azimuth, total depth, and metres drilled are included in Appendix 2. RL was not provided. • Previously reported drilling and assay results are discussed in the body of the report, with drill hole collar locations and reported grades shown visually in Figure 2.

Criteria	JORC Code explanation	Commentary
	detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	• Table 2 includes information on the down hole length and interception depth.
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate 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.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	Auger Sampling: • No weighting has been applied. • No cutting of high grades or low grades has been applied. Historical Drilling: • Raw composited sample intervals have been reported for historic exploration and aggregated where appropriate. There is no records of cutting high grades or cut-off grades being applied.

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 (eg 'down hole length, true width not known').*
		Auger Sampling:
		• Auger holes are vertical.
		Historical Drilling:
		• The geometry of mineralisation in drilling is not conclusively known; true width and down hole length are not known.
		• Gold mineralisation within the Niagara – Kookynie area can be divided into three broad groups:
		  • Gold mineralisation associated with dominantly north-south trending structures, which dip moderately to the east.
		  • Gold mineralisation associated with ENE trending quartz veined zones that dip steeply to the south.
		• Gold mineralisation associated with quartz vein stockworking, i.e. no preferred orientation.

Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• See body of report.
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high*	• All available results have been reported.

Criteria	JORC Code explanation	Commentary
	grades and/or widths should be practiced avoiding misleading reporting of Exploration Results.	
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	• All available results have been reported. • The soil geochemistry dataset has been statistically analysed using Principal Component Analysis (PCA) which is a well-established statistical method to analyse large data sets. A PCA is a statistical procedure that summarises large data sets by means of a smaller set of "summary indices" (known as 'Principal Component', PC) that can be more easily visualised and interpreted.
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.*	• Further work includes regolith evaluation, surface mapping and rock chip sampling, further auger soil sampling, and AC or RC drilling programs where appropriate to test the potential for gold mineralisation in depth extensions beneath historical workings and new targets as determined by ongoing work.

APPENDIX 1: WAMEX A-REPORT INFORMATION

WAMEX A-Report	Year	Operator
14010	1984	Mount Edon Mines Pty Ltd
15119	1985	Mt Edon Mines Pty Ltd
19227	1986	Mt Edon Mines Pty Ltd
20731	1987	Mt Edon Mines Pty Ltd
23052	1987	Mt Edon Mines Pty Ltd
28688	1989	Golden Valley Mines NL
42537	1994	Golden Dragon Mining NL
45411	1995	Aberfoyle Resources Ltd
48750	1996	Aberfoyle Resources Ltd
60248	2000	Kookynie Resources NL
60455	2000	Kookynie Resources NL
66504	2002	Barminco Pty Ltd
66505	2003	Barminco Pty Ltd
91419	2011	Laconia Resources Limited

APPENDIX 2: HISTORICAL DRILL HOLE INFORMATION

Collar

A_Report	Hole_ID	MGA East	MGA North	RL	TD	Hole_Type	Prospect	Operator
20731	RAB21	346828	6749607	461	28	RAB	White Cross	MT EDON MINES PTY LTD
20731	RC25	346788	6749604	461	21	RC	White Cross	MT EDON MINES PTY LTD
20731	RC27	346821	6749615	461	18	RC	White Cross	MT EDON MINES PTY LTD
20731	RC38	346873	6749634	462	15	RC	White Cross	MT EDON MINES PTY LTD
20731	RC309	346750	6749583	463	36	RC	White Cross	MT EDON MINES PTY LTD
20731	RC315	346683	6749592	462	21	RC	White Cross	MT EDON MINES PTY LTD
20731	RC327	346923	6749636	461	24	RC	White Cross	MT EDON MINES PTY LTD
20731	RC391	346677	6749581	462	27	RC	White Cross	MT EDON MINES PTY LTD
48750	RONW0058	343865	6748470	461	36	RAB	Green Bullet	ABERFOYLE RESOURCES LTD
48750	RONW0082	343961	6748671	467	51	RAB	Green Bullet	ABERFOYLE RESOURCES LTD

Survey

Hole_ID	Depth	Dip	Azimuth
RAB21	0	60	340
RC25	0	60	340
RC27	0	60	350
RC38	0	60	330
RC309	0	60	340
RC315	0	60	340
RC327	0	60	340
RC391	0	60	340
RONW0058	0	90	0
RONW0082	0	90	0

Assay

Hole_ID	From	To	Au g/t
RAB21	21	28	2.62
RC25	12	13	0.06
RC25	13	14	0.67
RC25	14	15	0.996
RC25	15	16	3.096
RC25	16	17	39.7
RC25	17	18	3.93
RC25	18	19	0.23
RC27	12	13	0.41
RC27	13	14	0.65
RC27	14	15	15.6
RC27	15	16	5.33
RC27	16	18	0.94
RC38	0	2	0.733
RC38	2	6	0.042
RC38	6	7	0.044
RC38	7	8	140
RC38	8	9	1.03
RC38	9	10	0.416
RC38	10	13	0.052
RC38	13	15	0.053
RC315	0	1	0.026
RC315	2	3	0.022
RC315	6	7	0.016
RC315	8	9	0.043
RC315	10	11	30.05
RC315	11	12	0.698
RC315	12	13	0.031
RC315	13	14	0.017
RC315	15	16	0.029

Hole_ID	From	To	Au g/t
RC315	17	18	<0.008
RC327	0	1	0.032
RC327	11	12	<0.008
RC327	15	16	0.013
RC327	17	18	0.01
RC327	18	19	0.05
RC327	19	20	1.328
RC327	20	21	20
RC327	21	22	0.02
RC327	22	23	3.5
RC391	20	21	0.073
RC391	22	23	3.33
RC391	23	24	19.3
RC391	24	25	0.243
RC391	25	26	0.042
RONW0058	0	2	0.13
RONW0058	2	6	0.03
RONW0058	6	10	<0.01
RONW0058	10	14	0.05
RONW0058	14	15	28.6
RONW0058		16	17.5
RONW0058	16	17	1.04
RONW0058	17	18	0.305
RONW0058	18	19	0.205
RONW0058	19	20	0.155
RONW0058	20	21	2.315
RONW0058	21	22	0.2
RONW0058	22	26	0.12
RONW0082	4	8	0.07
RONW0082	8	12	0.14
RONW0082	12	16	0.1

Hole_ID	From	To	Au g/t
RONW0082	16	17	1.96
RONW0082	17	18	0.1
RONW0082	18	19	0.08
RONW0082	19	20	0.04
RONW0082	20	21	0.03
RONW0082	21	22	<0.01
RONW0082	22	23	0.05
RONW0082	23	24	2.115
RONW0082	24	25	0.11
RONW0082	25	26	0.025
RONW0082	26	27	0.04
RONW0082	27	28	0.02
RONW0082	28	32	0.12
RONW0082	32	36	0.05
RONW0082	36	37	<0.01
RONW0082	37	38	0.03
RONW0082	38	39	3.685
RONW0082	39	40	0.25
RONW0082	40	41	0.59
RONW0082	41	42	0.47
RONW0082	42	43	4.58
RONW0082	43	44	0.13
RONW0082	44	45	0.32
RONW0082	45	46	0.32
RONW0082	46	47	0.08
RONW0082	47	48	0.16
RONW0082	48	51	0.13

APPENDIX 3: GTI Rock Chip Data

Sample	MGA East	MGA North	Tenement	Sample_Typ	Au	Comments
32602	349870	6749263	E40_342	Rock Chip	0.006	Quartz vein
32603	349898	6749413	E40_342	Rock Chip	0	Quartz vein
32604	349821	6749442	E40_342	Rock Chip	0.011	Quartz vein
32605	350322	6749618	E40_342	Rock Chip	0	Quartz vein
32606	350029	6749614	E40_342	Rock Chip	0	Quartz vein
32607	350000	6749535	E40_342	Rock Chip	0	Quartz vein
32608	349984	6749515	E40_342	Rock Chip	0	Quartz vein
32609	349981	6749483	E40_342	Rock Chip	2.4	Quartz vein
32610	349968	6749433	E40_342	Rock Chip	0.007	Quartz vein
32611	345430	6749398	E40_1517	Rock Chip	3.95	Quartz vein
32612	345490	6749411	E40_1517	Rock Chip	6.1	Quartz vein
32613	345515	6749419	E40_1517	Rock Chip	0.012	Quartz vein
32614	345587	6749426	E40_1517	Rock Chip	0.68	Quartz vein
32615	345612	6749425	E40_1517	Rock Chip	1.095	Quartz vein
32616	346009	6749514	E40_1517	Rock Chip	0.0025	Quartz vein
32617	345960	6749509	E40_1517	Rock Chip	3.97	Quartz vein
32618	345859	6749479	E40_1517	Rock Chip	14.2	Quartz vein
32619	345821	6749463	E40_1517	Rock Chip	0.067	Quartz vein
32620	345751	6749454	E40_1517	Rock Chip	0.314	Quartz vein
32621	345682	6749443	E40_1517	Rock Chip	0.474	Quartz vein
32622	345450	6749806	E40_1517	Rock Chip	1.07	Quartz vein
32623	345226	6749776	E40_1517	Rock Chip	0.012	Quartz vein
32624	345195	6749785	E40_1517	Rock Chip	0.047	Quartz vein
32625	345213	6749791	E40_1517	Rock Chip	0.006	Quartz vein
32626	345273	6750020	E40_1517	Rock Chip	0.0025	Quartz vein
32627	345235	6750071	E40_1517	Rock Chip	0.009	Quartz vein
32628	345327	6749591	E40_1517	Rock Chip	0.028	Quartz vein