31 January 2023

Encouraging Auger Results at Kookynie Gold Project

Highlights:

- **Mechanical Auger soil geochemical results received with interpretation underway**
- **Encouraging assay results combined with recently acquired geophysical datasets and regolith mapping highlight numerous contiguous gold anomalies, new trends and strong correlations to ENE- and NNE-trending structures for targeting.**
- **Historical workings and previous drilling appear to have missed key indicators for gold mineralisation, now unlocked with the collection of auger soil samples and modern geochemical analysis for 49 elements**
- **Planning underway for Phase 1 drill testing to commence in the coming months**

Regener8 Resources NL (ASX: R8R) (**Regener8** or the **Company**) is pleased to announce the receipt of auger soil geochemistry results for 1,174 auger soil samples over the Kookynie Gold Project (Figure 1). This follows completion of the auger program in October 2022 (ASX Announcement 24 October 2022). The focus of the auger program was on Regener8's Niagara West, Niagara North and Tampa-Reach tenements.

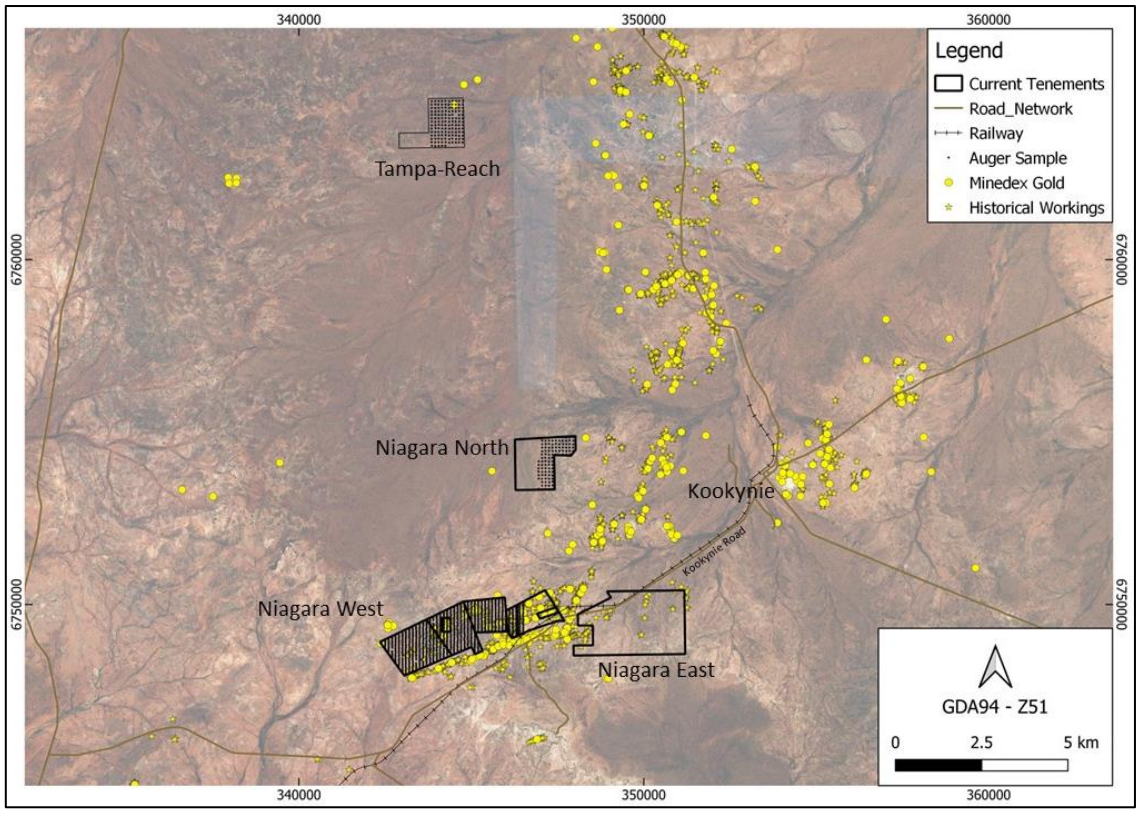

Figure 1. Location of auger surface samples at the Niagara and Tampa-Reach projects, overlain on satellite imagery.

A number of high priority targets for gold mineralisation have been generated from the recently received auger surface sample geochemistry from Regener8 Resources NL100% owned Niagara and Tampa Reach Projects in a historically mined gold field (Figure 2) near the town site of Kookynie in Western Australia. Importantly, most of the newly derived targets are not associated with historic shallow mines and present new opportunities to discover significant gold mineralisation. Geological mapping, structural interpretation, geophysical interpretation of recently acquired data and the newly received geochemistry have been integrated by CSA Global geoscientists to provide a platform for target generation and ranking, which is ongoing.

Regener8's Managing Director, Stephen Foley, commented: *"We're encouraged by the results of the systematic program that has built layers of understanding to Regener8's tenements. This has been a successful, capital efficient and emission effective campaign to vector towards new targets and strengthen existing targets. We are eager to finalise planning of the upcoming drill program and commence in the coming months. The historic Kookynie goldfield in our area previously produced around 6.7kT of gold at an average of 25.8 g/T Au[1], and with this legacy we look forward to unlocking potential that the exploration pioneers may have missed."*

Figure 2. Historic photograph of the Orion Mine (ca. 1910).

[1] Refer ASX release dated 14.07.2022 titled *Corporate Presentation*

Soil geochemistry

The geochemical program was completed at 100m line spacing and 50 m hole spacing covering 100% of P40/1513, P401515, P40/1516, P40/1517, P40/1518 and 10% of P40/1506 at Niagara West. Approximately 40% of P40/1536 at Niagara North and about 70% of P40/1492 at Tampa-Reach were covered by the survey. The soil geochemistry grids are shown in Figure 1. The CSA Global field geologist (Dr Carl Brauhart) actively interpreted the regolith and only completed sampling where insitu samples could be collected, hence minimising program costs and emissions. The samples have been collected from a depth below surface of 0.5m to 0.8m where shallow refusal was encountered, however typically from 1.5m. Samples were sent to ALS laboratories and were analysed for 48 elements with a four-acid digest and ICP-MS finish (ME-MS24) and for gold with a 50g charge fire assay with atomic adsorption finish (Au-AA24). Further details on the sampling and analytical techniques used are presented in Table A included herein.

The soil geochemistry dataset has been statistically analysed using a Principal Component Analysis (PCA). 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.

NIAGARA WEST

The auger soil results for gold at Niagara West are shown in Figure 3. It is evident that the western part of Niagara West stands out as being strongly anomalous in gold with a maximum value of 0.85ppm Au and well-defined anomaly clusters compared to the eastern part where anomalies are subdued. This is currently interpreted to be the result of slight differences in the regolith. In total four gold anomalies (NW1, NW2, NW3, NW4) have been mapped in the western part of Niagara West and two anomalies (NW5, NW6) have been mapped in the eastern part of Niagara West. Importantly, most anomalies are not associated with shallow old workings and, therefore, represent exciting new opportunities for gold discovery.

Four anomalies (NW1, NW2, NW4, NW5) are ENE-trending and, in part, correlate with interpreted structures. Two anomalies (NW3 and NW6) are NNE-trending and follow interpreted structures. Anomaly NW5 is currently interpreted to represent the western extension of the Jarrahdale/Spinaway historic workings (Figure 3).

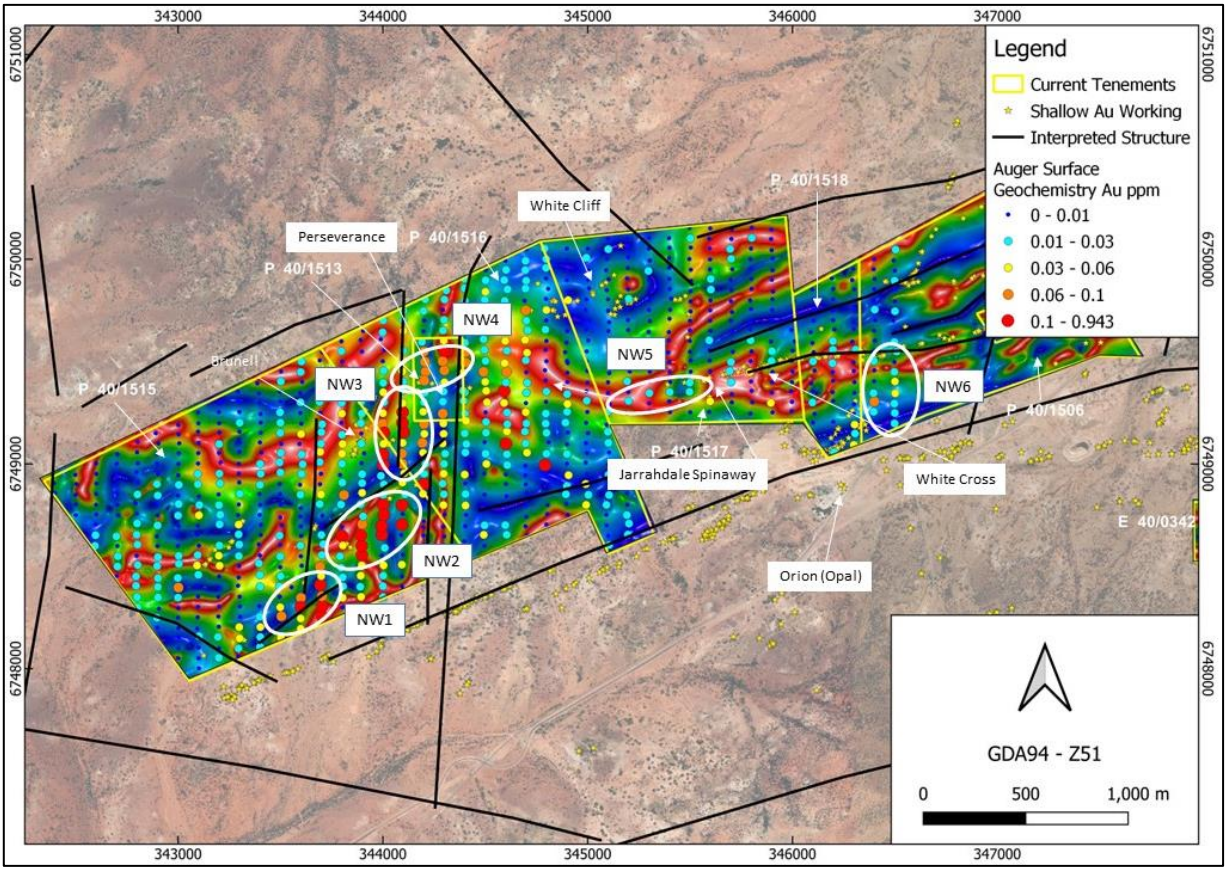

Figure 3. Auger soil geochemistry (Au ppm) for Niagara West overlain a magnetic image (VRMI Band Pass Tilt Filtered).

In the PCA analysis, the PC3 is associated with Au and is supported by a correlation of Te, As and Sb (Figure 4). The anomalies derived from gold only analysis in **Figure 3** are well supported by PC3 in the western part of Niagara West shown in Figure 4. Of note in Figure 4 is an additional PC3 anomaly (NW7), which is not reflected in the gold only anomalies shown in Figure 3. This is interpreted along an ENE trend and presents an exciting new opportunity for further exploration.

The NW4 anomaly is extended to the ENE in PC3 (Figure 4) and is currently interpreted to represent the western extension of the White Cliff historic workings trend.

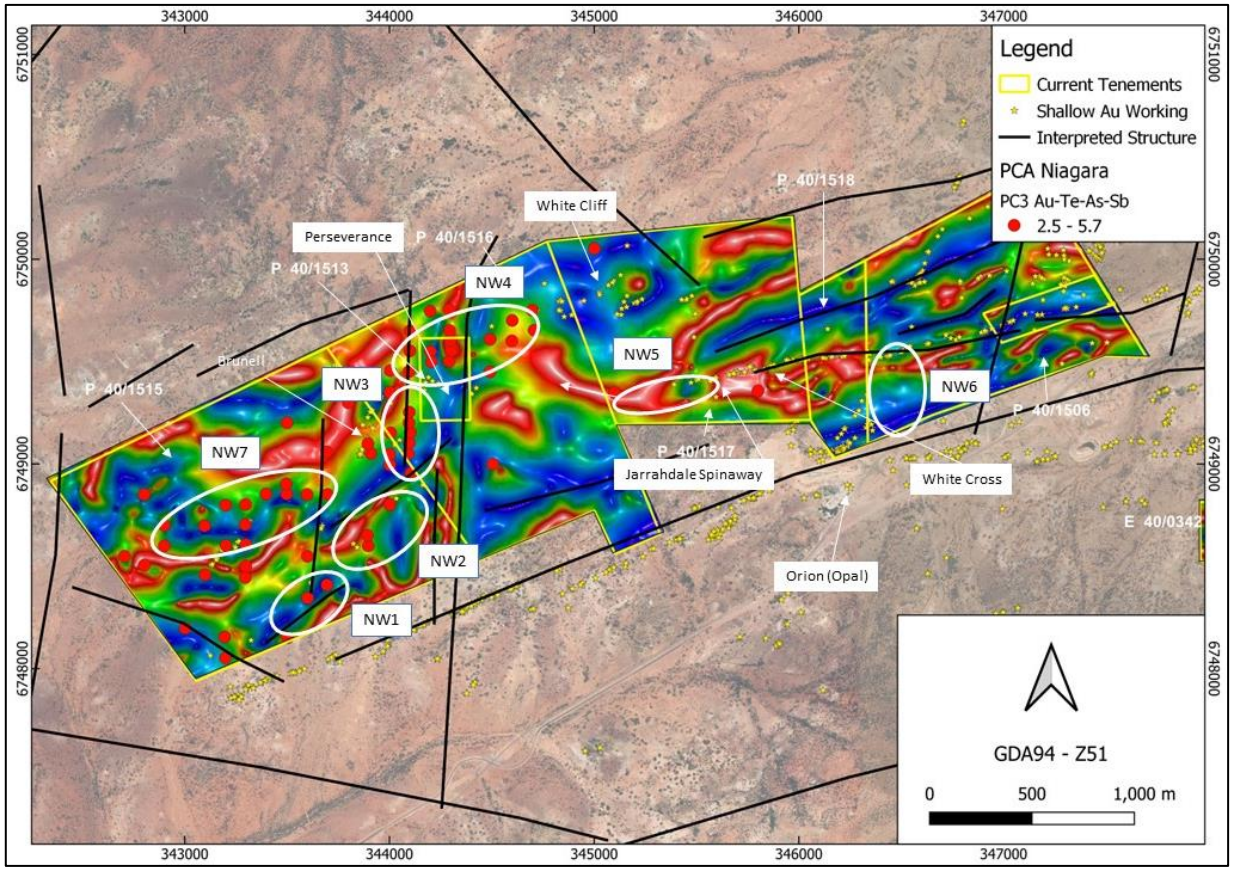

Figure 4. Auger soil geochemistry (PC3, Au-Te-As-Sb) for Niagara West overlain a magnetic image (VRMI Band Pass Tilt Filtered). The anomaly polygons are the same as in Figure 3. Polygon NW4 increased in size and a new anomaly NW7 is developed in PC3.

NIAGARA NORTH

The auger soil results for gold at Niagara North are shown in Figure 5 and highlighted three gold anomalies. Due to the limited data set for Niagara North only gold results are presented. Anomalies NN1 and NN2 are situated along an interpreted ENE-trending regional fault and anomaly NN3 is located along a NW-trending interpreted fault. Anomaly NN1 contains the sample with the highest Au grade of the program of 0.94 ppm Au. All anomalies extend over a strike length of about 250 m and are located outside areas of transported alluvial sediment cover.

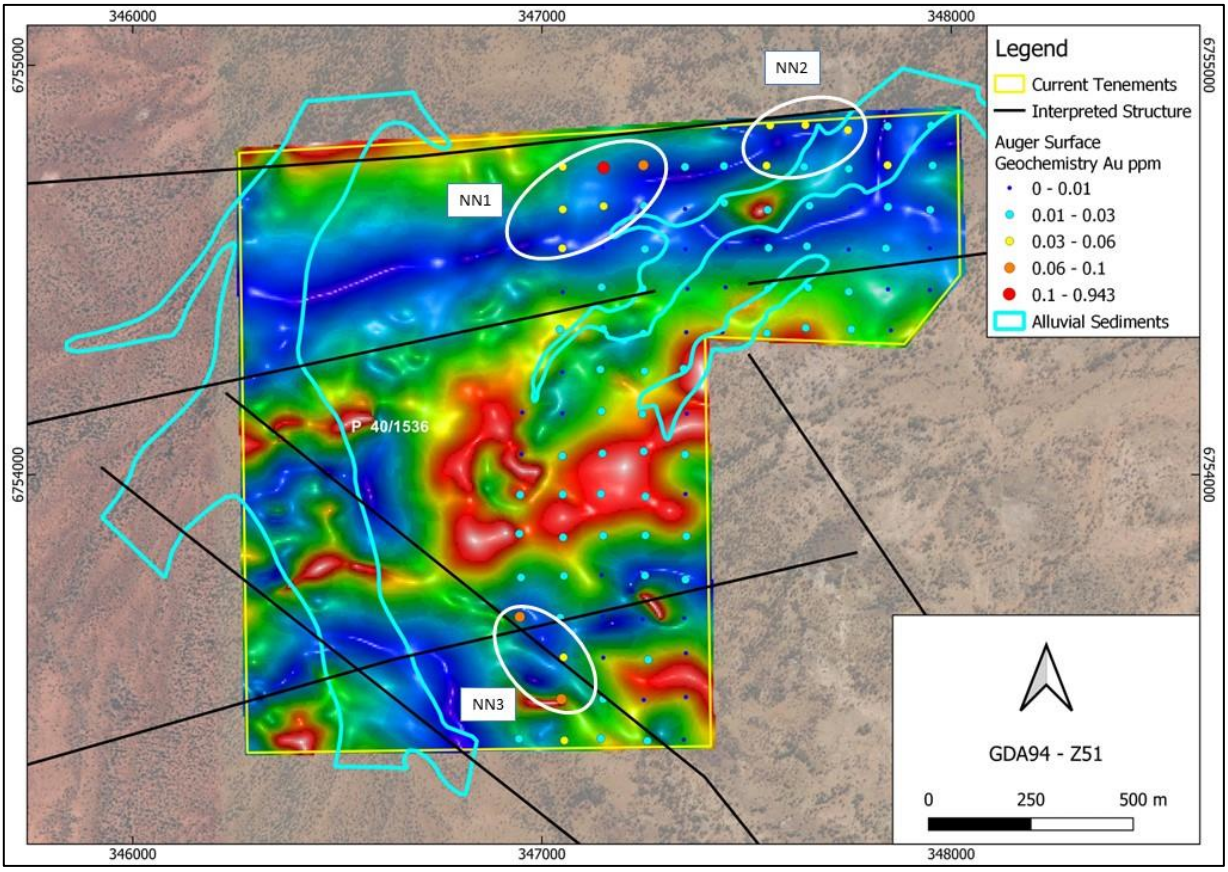

Figure 5. Auger soil geochemistry (Au ppm) for Niagara North overlain a magnetic image (VRMI Band Pass Tilt Filtered).

TAMPA-REACH

At Tampa-Reach three gold anomaly clusters are developed (**Figure 6**). Due to the limited data set only gold results are presented. The anomalies are about 250m in length, W-trending and associated with prominent W-trending magnetic anomalies which are currently interpreted to represent magnetic dykes. The highest gold grade from the auger surface geochemistry survey in Tampa-Reach is 0.15ppm located in anomaly TR3.

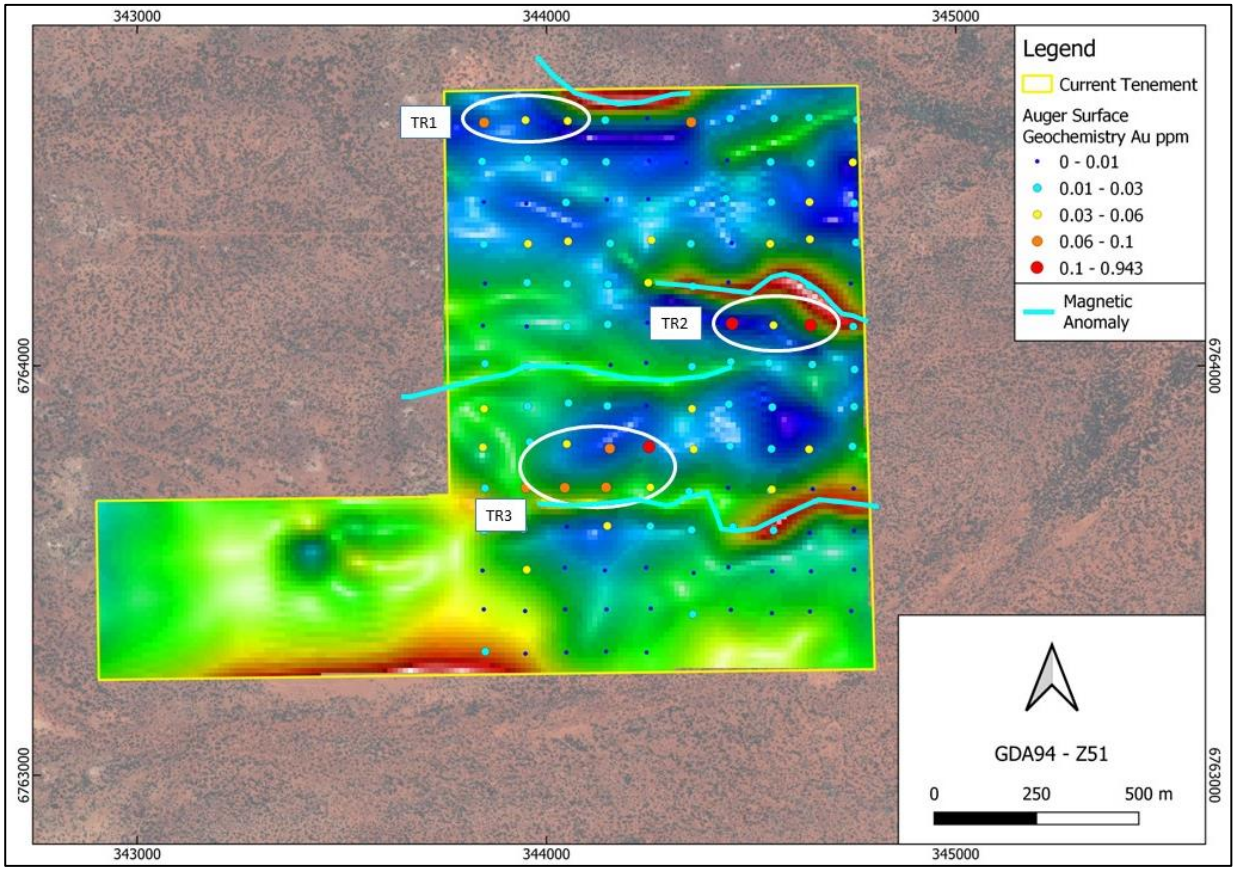

Figure 6. Auger soil geochemistry (Au ppm) for Tampa-Reach overlain a regional magnetic image (VRMI Band Pass Tilt Filtered).

Discussion and Next Steps

The auger soil campaign has proved a successful exploration approach that has generated encouraging new geochemical anomalies. Combined with the airborne geophysical survey, regolith mapping and historical workings and drilling, exciting new targets and prospective extensions to existing known mineralised structures have been identified.

The strong correlation of Niagara West anomalies with ENE- and NNE-trending interpreted structures at Niagara West elevates the significance of these anomalies, in particular as similarly oriented trends have been exploited with shallow workings in the gold field. Many of these anomalies have not been tested with shallow workings and provide exciting new opportunities. The association of gold anomalies at Niagara North with interpreted structures and with W-trending magnetic anomalies is encouraging and will be considered for further investigation with infill auger sampling.

The Niagara West anomalies are considered highest priority for immediate follow up with AC/RC drilling.

Over the coming weeks, target prioritisation and drill planning will occur in preparation for the first drill program anticipated to commence in the following months. Regener8 looks forward to updating the market on planning and status of the drill program, mobilising to site and commencing subsurface exploration of this historic, gold endowed region.

Relevant ASX Announcements:

- 24.10.2022 “Successful Completion of Field Exploration”
- 18.10.2022 “Maiden Auger Program Commencement”
- 30.08.2022 “Airborne Survey Results and Exploration Planning”
- 26.07.2022 “Airborne Survey Completed”
- 15.07.2022 “Permitting Granted and Airborne Survey Engaged”
- 14.07.2022 “Corporate Presentation”
- 13.07.2022 “Successful listing on ASX and Corporate Presentation”

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

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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)

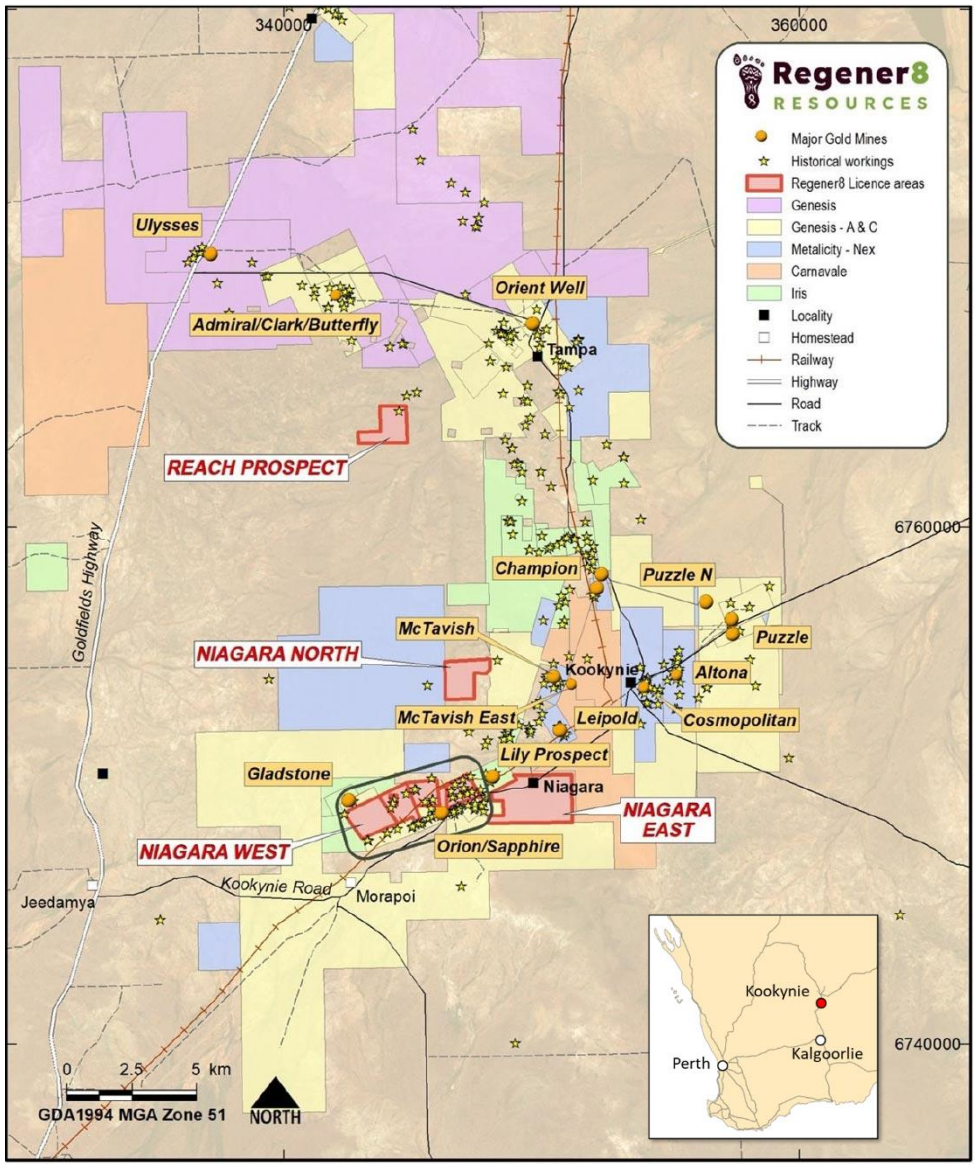

Figure 7: Regener8 Resources' Project Location Map

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.*	• 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.
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).*	• 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.
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.*	• Samples were ground placed in 1 m intervals, intervals acid tested and colour recorded. • Visual estimates of recovery were carried out.

Criteria	JORC Code explanation	Commentary
	• *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.*	• 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.
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.*	• All samples were geologically logged and acid tested and recorded by the experienced drill crew. • Logging is qualitative and descriptive in nature.
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 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.
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*	• 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)

Criteria	JORC Code explanation	Commentary
	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 acceptable levels of accuracy (ie lack of bias) and precision have been established.*	• 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.
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.*	• Laboratory QAQC is acceptable. • Company standards, blanks and duplicates are acceptable.
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.*	• 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.
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 is typically on a grid with 50 m hole spacing and 100 m line spacing.
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 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.
Sample security	• *The measures taken to ensure sample security.*	• All samples were guarded on site at all times and submitted to ALS laboratories by Gyro Drilling.

Criteria	JORC Code explanation	Commentary
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• 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 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.

Criteria	JORC Code explanation	Commentary
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:* ○ *easting and northing of the drill hole collar* ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* ○ *dip and azimuth of the hole* ○ *down hole length and interception depth* ○ *hole length.* • *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	• All auger drill hole information for samples with Au≥0.03 ppm is presented in Table A in the body text.
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.*	• No weighting has been applied. • No cutting of high grades or low grades has been applied.

Criteria	JORC Code explanation	Commentary
	• *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.*	
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 holes are vertical.
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 grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• All new auger drill holes are set out in body of the report.
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 a PCA.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).*	• 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

Criteria	JORC Code explanation	Commentary
	• *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	gold mineralisation in depth extensions beneath historical workings and new targets as determined by ongoing work.