

ABN: 72 002 261 565

# High grade results returned from Diorite sampling programme

### Highlights:

- Diorite rock chip sampling program returns high grade results including:
  - 21 g/t gold and 2.10 g/t silver from the historic Unexpected mine dump
  - o 9.04 g/t gold and 9.59 g/t silver from the historic Unexpected mine (in-situ)
  - 6.09 g/t gold from the historic Unexpected mine (in-situ)
  - 7.49 g/t gold and 0.96 g/t silver from the historic Diorite King shaft (in-situ)
- Diorite soil sampling program returns high grade results up to 5.52 g/t gold from the Kiora/Meteor historic mine area
- High grade results found in the vicinity of the historic 73 g/t Diorite King mine
- Prospective areas to be followed up during the upcoming drilling campaign
- Drilling across the Mt Stirling Gold Project to begin in Q3 2020
- Desktop work on the Mt Monger project is ongoing
- Drilling scheduled to commence at Zuleika by the end of July

Torian Resources Limited (**Torian** or the **Company**) is pleased to release the results of its June 2020 rock chip and soil sampling programme on its 100% owned Diorite Block. Excellent high grade gold results have been returned from soils and rock chip samples.

**Torian Executive Director Mr Peretz Schapiro said**, "Our recent reconnaissance soil and rock chip sampling programme has now produced a cluster of large gold anomalies within the Diorite Block. Of particular encouragement, is the fact that most of the higher-grade rock chip and soil results were sourced in the vicinity of the historic 73 g/t Diorite King mine [grade sourced from Mindat.org] and other adjacent historic producing mines (Table 1 and Figure 11).

These assays increase our confidence that we are looking in the right areas, with our next task to vector in on the zones that contain higher grade gold.

The collation of the current programme; geological reconnaissance and mapping recently completed and historic soil and rock chip samples; now provide Torian's geological team with a pathway forward to define exploration targets and commence an exploration drilling programme once permits are granted. We aim to begin drilling at the Diorite Block in Q4 2020.

With almost 13 Moz in resource located within our immediate neighbourhood and across Red 5's King of the Hills, St Barbara's Gwalia and Saracen's Thunderbox mines, all, we are confident that this Leonora region is a great location to be pursuing new major discoveries. We intend to undertake a systematic exploration approach across the entire project area.

We look forward to keeping the market updated on progress."

### **Exploration Planning**

The Company's geological team will now begin to plan an initial drilling campaign on the Diorite Block. The soil and rock chip samples will be used in conjunction with gold path-finder elements including arsenic, bismuth, molybdenum, tellurium, antinomy and tungsten to define drill targets over the Diorite Block.

Further details as to the precise nature of the campaign will be announced to the market in due course.

Table 1. Historical gold production and grade from mines in the Diorite King area.

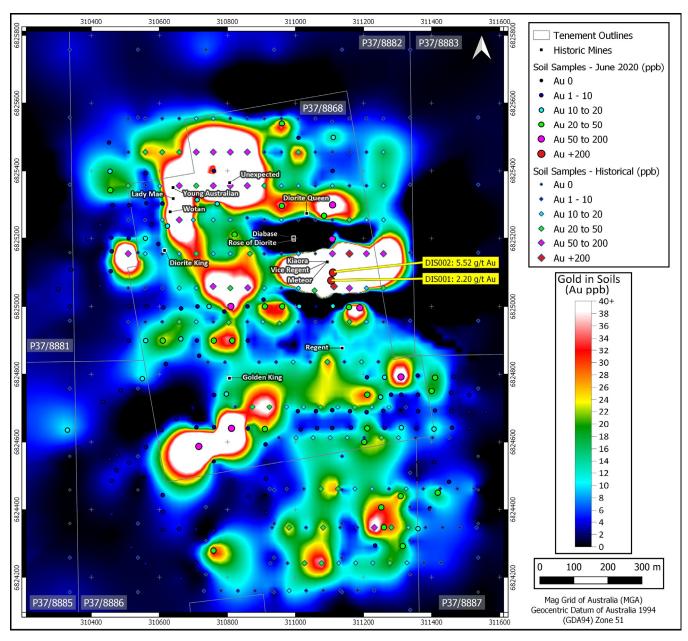
B.A	Production	on Period	Ore	Average Gold	Gold Produced
Mine	From	То	(tonnes)	Grade (g/t)	(ounces)
Diorite King	1897	1922	1134	73	2,917
Young Australian	1897	1899	116.34	34.3	140
Kiora	1900	1901	87.38	22	69.5
Lady Mae	1902	1905	95	23.3	81.5
Meteor	1902	1906	88.4	11	34.2
Rose of Diorite	1908	1908	189	18.7	124.5
Diorite Queen	1909	1909	146.4	9.8	50.8
Unexpected	1922	1923	119.38	47.2	198.9
Wotan	1937	1938	100	73	257.8

Source: Mindat.org

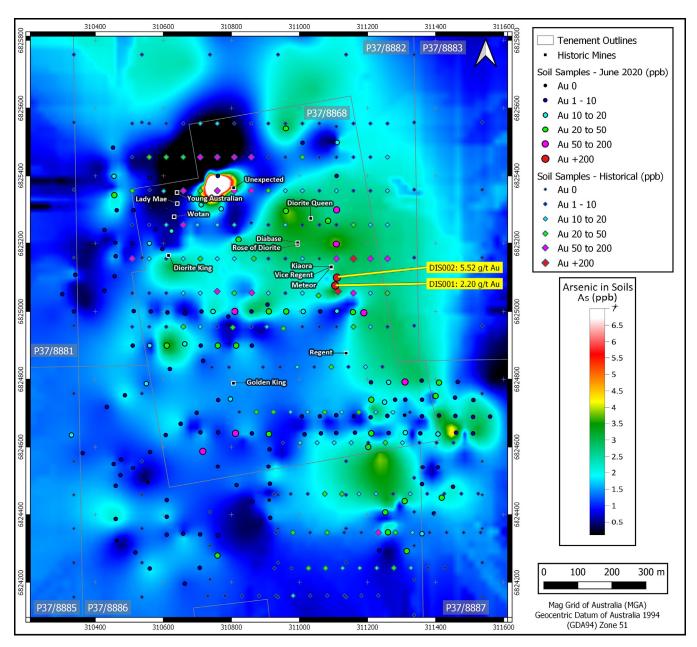
## **Diorite Block - Soil Sampling Results**

A total of 157 soil samples were collected from the Diorite Block. High grade gold assay values of 5.52 g/t Au (DIS002) and 3.2 g/t Au (DIS001) were collected adjacent to the historic Kiora and Meteor mines. A total of 89 soil samples returned anomalous gold values > 5 ppb.

Figures 1 and 2 (below) show combined soil sample locations from June 2020 (157 samples) and historically (268 samples) over geochemical imagery of gold and arsenic in soils respectively. Figure 2 demonstrates that gold path finder element arsenic (As) correlates moderately with the gold in soil samples.



**Figure 1.** Geochemical gold in soils heat map showing soil sample locations collected in 2020 and historically.



**Figure 2.** Geochemical arsenic in soils heat map showing soil sample locations collected in 2020 and historically.

Soil sample assay results >= 40ppb collected by the Company in June 2020 are shown in Table 2; all assay results are tabulated at Appendix A.

Table 2. Soil assay results >= 40ppb Au

				nts				
	Au	Ag	As	Bi	Мо	Те	Sb	W
Sample	ppb	g/t	ppm	ppm	ppm	ppm	ppm	ppm
DIS002	5520	0.32	3.1	0.26	0.53	0.06	0.15	0.28
DISO01	2300	0.12	2.1	2.28	0.09	0.41	0.05	28.30
DIS110	140	0.07	1.4	6.74	0.81	2.27	0.09	0.61
DIS107	136	0.05	1.4	4.15	1.05	1.25	0.07	0.78
DISO05	64	0.02	2.5	0.32	0.42	0.04	0.14	<0.05
DIS075	60	0.03	2.7	0.39	0.29	0.07	0.09	0.10
DIS033	57	0.02	2.8	0.37	0.28	0.09	0.11	0.21
DIS003	56	0.05	3.9	0.08	0.22	0.02	<0.05	0.32
DISO42	51	0.03	1.5	0.30	0.21	0.02	0.07	0.20
DIS034	49	0.03	2.2	0.33	0.26	0.04	0.08	0.20
DISO04	47	0.02	2.6	0.22	0.30	0.09	0.10	0.41
DISO09	44	0.02	3.1	0.14	0.13	0.14	0.05	0.17
DIS056	41	0.02	1.8	0.29	0.39	0.05	0.10	0.10
DIS010	40	0.02	3.9	0.21	0.47	0.04	0.13	0.08



**Figure 3.** Kiora/Meteor mine area where dump soil sample DIS001 assayed 2.3 g/t Au (Table 1) and dump rock chip sample DIR018 assayed 1.87 g/t Au (Table 3).

# <u>Diorite Block – Rock Chip Sampling Results</u>

A total of 105 rock chip samples were collected from the Diorite Block. Excellent high-grade assay values were returned as follows:

DIR027	21 g/t gold and 2.10 g/t silver	in-situ dolerite quartz vein sample from Lady Mae mine area (Figure 4a)
DIR066	9.04 g/t gold and 9.59 g/t silver	in-situ mafic schist sample from Unexpected mine area (Figure 4b)
DIR067	6.09 g/t gold	dolerite quartz vein dump sample from Unexpected mine area
DIR065	1.6 g/t gold	in-situ basalt sample from Unexpected mine area
DIR032	7.49 g/t Au and 0.96 g/t Ag	in-situ dolerite quartz vein sample taken from Diorite King mine (Figure 4c)
DIR018	1.87 g/t gold	dump sample taken from Meteor/Kiora mine area
DIR016	0.44 g/t gold	in-situ felsic sample taken from Meteor/Kiora mine area (Figure 4d)



**Figure 4a.** Dolerite quartz vein where rock sample DIR027 assayed 21 g/t gold and 2.10 g/t silver at the Lady Mae mine area



**Figure 4b.** Mafic schist outcrop where rock sample DIR066 assayed 9.04 g/t gold and 9.59 g/t silver from the Unexpected mine area

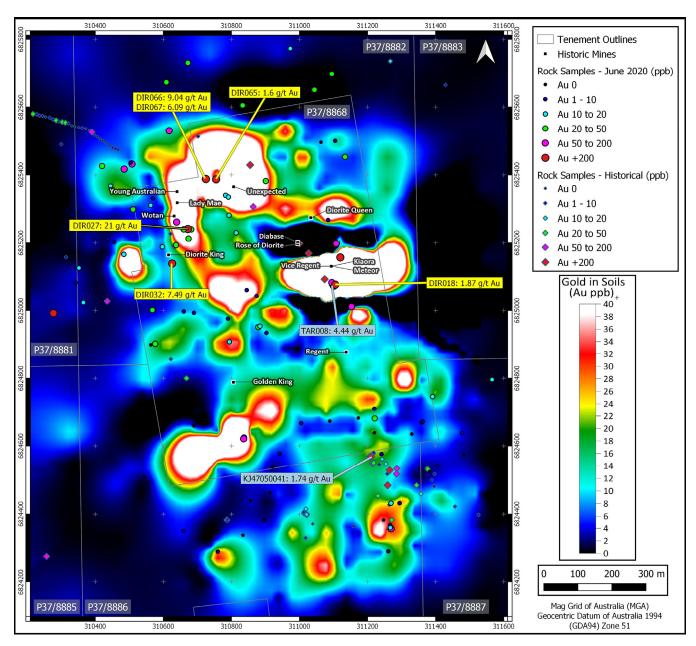


**Figure 4c.** Diorite King shaft where dolerite quartz vein sample DIR032 assayed 7.49 g/t gold

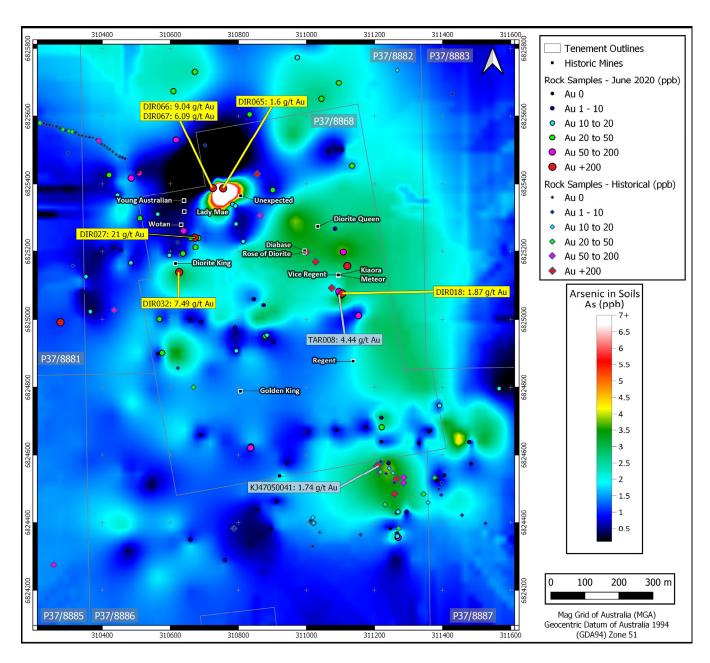


**Figure 4d.** Meteor/Kiora shaft where felsic sample DIR016 assayed 0.44 g/t gold

Figures 5 and 6 shows the Company's combined rock chip sample locations from June 2020 (105 samples) and historically (86 samples) over geochemical imagery of gold and arsenic in soils respectively. Figure 6 demonstrates that gold path finder element arsenic (As) correlates moderately with gold in rock chip samples.



**Figure 5.** Geochemical gold in soils heat map showing rock chip sample locations collected in 2020 and historically.



**Figure 6.** Geochemical arsenic in soils heat map showing rock chip sample locations collected in 2020 and historically.

Rock chip sample assay results >=40ppb collected in June 2020 are shown in Table 3, all assay results are tabulated at Appendix B.

**Table 3.** Rock chip sample assay results from June 2020 >= 40ppb Au

			Gold Pathfinder Elements								
	Au	Ag	As	Bi	Мо	Te	Sb	W			
Sample	ppb	g/t	ppm	ppm	ppm	ppm	ppm	ppm			
DIR027	21000	2.10	2.9	0.42	0.29	0.05	<0.05	3.51			
DIR066	9040	9.59	0.5	0.08	0.68	0.07	<0.05	0.88			
DIR032	7490	0.96	3.3	1.16	0.23	0.25	0.05	4.02			
DIR067	6090	0.41	1.4	0.02	0.26	0.01	<0.05	24.50			
DIR018	1870	0.03	0.5	0.90	1.04	0.12	<0.05	17.60			
DIR065	1600	0.10	29.8	0.15	1.17	0.08	<0.05	0.33			
DIR016	440	0.04	5.1	0.26	0.13	0.09	<0.05	5.69			
DIRO44	410	0.02	1.0	0.12	0.29	0.02	<0.05	0.29			
DIR019	270	0.02	2.7	0.17	0.34	0.07	0.08	0.40			
DIR095	180	0.02	2.2	0.55	0.45	0.11	0.07	1.90			
DIR033	140	0.05	0.4	0.09	0.18	0.09	0.05	0.50			
DIRO02	120	0.07	0.3	14.10	2.20	1.32	<0.05	2.33			
DIR020	120	0.03	3.4	0.08	0.31	0.02	0.05	1.18			
DIR082	100	0.08	0.8	1.19	0.16	0.11	0.05	0.56			
DIRO01	90	0.07	1.5	1.07	0.89	0.09	0.05	0.40			
DIR017	90	0.01	0.7	0.13	0.07	0.02	<0.05	0.39			
DIRO48	90	<0.01	0.3	0.11	0.19	0.01	<0.05	0.17			
DIRO07	80	0.02	1.2	0.09	0.21	0.02	0.06	0.09			
DIRO04	60	0.05	1.2	0.06	0.36	<0.01	0.05	0.19			
DIRO05	50	0.01	2.2	0.04	0.33	0.07	<0.05	0.11			
DIR015	50	0.05	0.7	0.09	0.20	0.03	<0.05	0.26			
DIR028	50	0.06	0.7	0.20	0.59	0.07	0.08	0.69			
DIRO06	40	0.03	2.4	0.03	0.13	0.07	<0.05	0.20			
DIR010	40	0.04	2.7	0.04	0.12	0.06	<0.05	0.11			
DIR026	40	0.06	0.8	0.21	0.21	0.02	<0.05	0.62			
DIR036	40	0.03	0.7	0.07	0.56	0.02	<0.05	0.16			
DIR050	40	0.02	0.3	0.16	<0.05	0.02	<0.05	0.18			
DIR059	40	0.02	1.3	0.08	0.06	0.06	<0.05	0.24			
DIR070	40	0.03	2.5	0.44	0.46	0.05	<0.05	0.58			

### **Regional Geological Setting**

Diorite Project tenements are located in the Archaean Yilgarn Craton within the deformed Leonora greenstone belt adjacent to the Raeside granite batholith. The Leonora area has a long history of gold mining and is the site of three large deposits: Sons of Gwalia, Harbour Lights, and Tower Hill. In terms of past gold production, Sons of Gwalia (115 t of gold) is the fourth largest deposit in the Yilgarn Craton and has been mined almost continuously since 1896 (WITT, 2001).

Lithologically, the Leonora district consists of mafic and ultramafic rocks, interbedded sedimentary units, felsic volcanic units, and late basinal sediments that are intruded by the Raeside Batholith to the west and the Bundarra Batholith to the northeast (Baggot, 2006).

The structural geology of the Leonora district has undergone significant extension, compression, and orogenic collapse. This region is divided by several large shear zones including, the Ursus and Tarmoola Shear Zones within the main northwest-trending greenstone package and the Gwalia (Poker) Shear Zone on the eastern margin of the Raeside Batholith (Figure 7). These shear zones are all early in timing and occurred during a period of extension and uplift of the Raeside Batholith. They were re-activated as sinistral strike-slip shears during the subsequent period of compression (Jones and Witt, 2017).

Figure 8 shows the Mt Stirling gold camp and the location of the Stirling and Diorite blocks.



**Figure 7.** Regional location of the Stirling Block (red) and Diorite Block (blue) within Torian Resources' tenements.

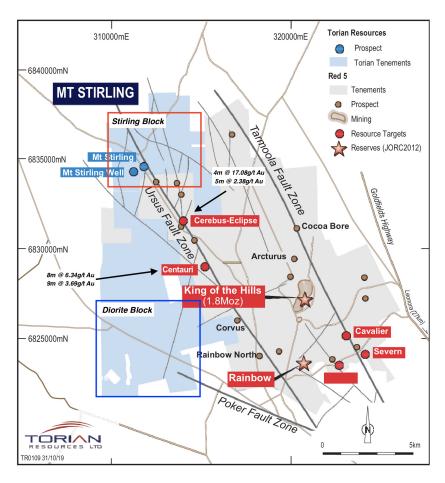


Figure 8. Mt Stirling Gold Camp showing the Stirling Block and Diorite Block.

#### Lithological and Structural Interpretation – Diorite Block

The lithology within the Diorite King tenement P37/8868 is dominated by the greenstone succession, which comprises: mafic volcanic rocks represented by fine-grained basalt (MB), intrusive mafic rocks constituted by medium to coarse-grained gabbro (MGB) and dolerite (MD), and ultramafic chlorite schist (USC) to a lesser extent (Figure 9). The dominant mafic lithology is weak-to-moderate weathering and presents manganese oxides, limonite, sulphides (predominantly bornite), and quartz veins, which may have formed in the fractures of the host rock.

Elongated and predominantly southwest-northwest direction granitoid bodies (FGR) intrude the greenstone sequence in the north-western and southern areas of the AOI. Following this direction, small BIF chert (SIF -SCT) units and quartz veins (QZ) have been mapped around (Figure 10). Besides, on the eastern side of the AOI, an extensive colluvial sheet wash plain overlying variably thick transported material.

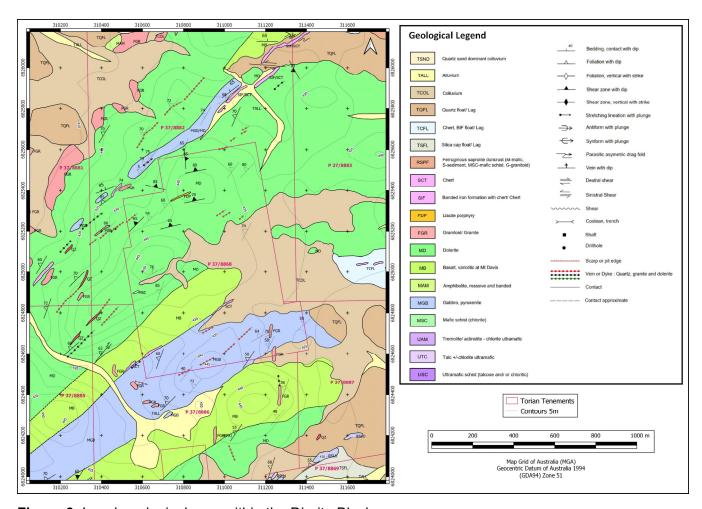


Figure 9. Local geological map within the Diorite Block.

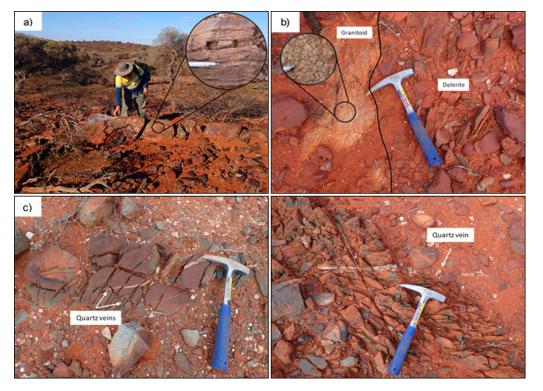


Figure 10. a) BIF chert outcrop. b) Granitoid-Dolerite contact. c) Quartz veins cutting mafic lithology.

The dominant strike of the stratigraphy is NE-SW with a sub-vertical dip (40° to 80°). The mafic units are weakly foliated, and it appears to be parallel with the strike of the stratigraphy. Quartz veining is evident in the vast majority of the ancient works, where its widths vary from millimetres to several tens of centimetres and are disrupted the mafic units vertically.

#### **Gold Mineralisation**

Gold mineralisation at the Diorite King group of mine workings is hosted by dolerite and metabasalts which strike NE-SW predominantly and associated with sub-vertical stockwork quartz. Other old gold workings in the Project Area occur along quartz veined contact zones between mafic intrusive and mafic schist units.

On the other hand, gold mineralisation at the Tarmoola Gold Mine which lies to the east of the Diorite King Prospect is associated with a quartz stockwork in ultramafic schist overlying a granitoid intrusion in the core zone of a folding closure. This association offers a model relevant to the future exploration of the Diorite King Project area.

Figure 11 shows the priority areas for mapping and prospecting over the Diorite Block and the locations of historical producing gold mines – production for most of these mines is shown above in Table 1.

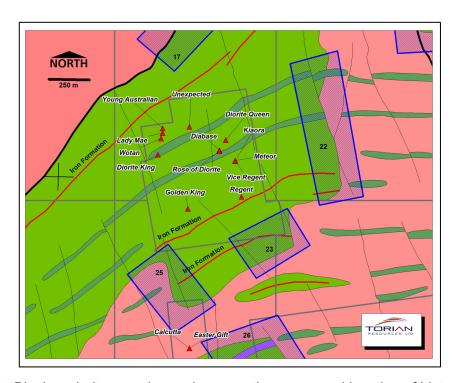


Figure 11. Diorite Block - priority mapping and prospecting areas and location of historic gold mines.

This announcement has been authorised for release by the Board.

-Ends-

Louie Simens
Non-Executive Chairman
info@torianresources.com.au

## **Competent Person Statement**

The information in this report / ASX release that relates to Exploration Results is based on information compiled and reviewed by Mr Dennis Fry, who is a Director of Desert Storm Resources Pty Ltd. Mr Fry is a Member of the Australasian Institute of Mining and Metallurgy and has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Fry consents to the inclusion in this report / ASX release of the matters based on information in the form and context in which it appears. Additionally, Mr Fry confirms that the entity is not aware of any new information or data that materially affects the information contained in the ASX releases referred to in this report.

#### **Streamlined Competent Person Statement**

The information in the announcement dated 25 February 2019 and 29 January 2020 that relate to JORC Resource estimates is based on information compiled, reviewed and relied upon by Mr Dale Schultz. Mr Dale Schultz, Principle of DjS Consulting, who is Torian's consulting Geologist, compiled, reviewed and relied upon prior data and ASX releases dated 25 February 2019 and 29 January 2020 to put together the technical information in this release and is a member of the Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS), which is ROPO, accepted for the purpose of reporting in accordance with ASX listing rules. Mr Schultz has sufficient experience relevant to the style of mineralization and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the 'Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Schultz consents to the inclusion in the report of the matters based on information in the form and context in which it appears.

The JORC Resource estimate released on 25 February 2019 were reviewed and relied upon by Mr Dale Schultz were reported in accordance with Clause 18 of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (2012 Edition) (JORC Code).

Torian Resources confirms in the subsequent public report that it is not aware of any new information or data that materially affects the information included in the relevant market announcements on the 25 February 2019 and 29 January 2020 and, in the case of the exploration results, that all material assumptions and technical parameters underpinning the results in the relevant market announcement reviewed by Mr Dale Schultz continue to apply and have not materially changed.

## **About Torian:**

Torian Resources Ltd (ASX:TNR) is a highly active gold exploration and development company with an extensive and strategic land holding comprising six projects and over 400km² of tenure in the Goldfields Region of Western Australia. All projects are nearby to excellent infrastructure and lie within 50km of major mining towns.

Torian's flagship Mt Stirling Project is situated approximately 40km NW of Leanora, and neighbours Red 5's Kind of the Hills mine. The region has recently produced approximately 14M oz of gold from mines such as Tower Hills, Sons of Gwalia, Thunderbox, Harbour Lights and Gwalia.

The Mt Stirling Project consists of 2 blocks:

- 1. The Stirling Block to the north contains two JORC Inferred resources.
  - a. Mt Stirling 727,000t at 1.45 g/t Au for 33,900oz
  - b. Stirling Well 253,500t at 2.01 g/t Au for 16,384oz
- 2. The Diorite Block to the south, is home to the historic 73 g/t Diorite King mine.

Another key project and one of renewed focus for the Company is the Mount Monger Project, located 50 km south east of Kalgoorlie. The Mount Monger goldfield is located within the Kalgoorlie terrane subdivision of the Eastern Goldfields Province. This 3,700-hectare project lies within close vicinity of Silver Lake Resources Ltd's (ASX: SLR) key asset, the Mount Monger Gold Camp, a prolific part of the Eastern Goldfields district of Western Australia. The Mount Monger Camp had produced more than 1.67Moz in the last 30 years, and more than 330,000 ounces for Silver Lake in in the last 24 months alone.

The Mount Monger Project consists of two distinct areas:

- 1. The Wombola area to the north
- 2. The Mt Dam area to the south

Another project in the Kalgoorlie region is the Zuleika Project in which the Company is involved in a JV with Dampier Gold Ltd (ASX:DAU). The Zuleika Project is located along the world-class Zuleika Shear, which is the fourth largest gold producing region in Australia and consistently produces some of the country's highest grade and lowest cost gold mines. This Project lies north and partly along strike of several major gold deposits including Northern Star's (ASX: NST) 7.0Moz East Kundana Joint Venture and Evolution's (ASX: EVN) 1.8Moz Frogs Legs and White Foil deposits.

Torian's other projects within the Kalgoorlie region include the Bonnie Vale and Gibraltar Projects, and the Credo Well JV with Dampier Gold Ltd (ASX:DAU)which hosts a JORC Inferred resource of 86,419t at 4.41 g/t Au for 12,259 oz.

#### **Cautionary Note Regarding Forward-Looking Statements**

This news release contains "forward-looking information" within the meaning of applicable securities laws. Generally, any statements that are not historical facts may contain forward-looking information, and forward looking information can be identified by the use of forward-looking terminology such as "plans", "expects" or "does not expect", "is expected", "budget" "scheduled", "estimates", "forecasts", "intends", "anticipates" or "does not anticipate", or "believes", or variations of such words and phrases or indicates that certain actions, events or results "may", "could", "would", "might" or "will be" taken, "occur" or "be achieved." Forward-looking information is based on certain factors and assumptions management believes to be reasonable at the time such statements are made, including but not limited to, continued exploration activities, Gold and other metal prices, the estimation of initial and sustaining capital requirements, the estimation of labour costs, the estimation of mineral reserves and resources, assumptions with respect to currency fluctuations, the timing and amount of future exploration and development expenditures, receipt of required regulatory approvals, the availability of necessary financing for the Project, permitting and such other assumptions and factors as set out herein.

Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of the Company to be materially different from those expressed or implied by such forward-looking information, including but not limited to: risks related to changes in Gold prices; sources and cost of power and water for the Project; the estimation of initial capital requirements; the lack of historical operations; the estimation of labour costs; general global markets and economic conditions; risks associated with exploration of mineral deposits; the estimation of initial targeted mineral resource tonnage and grade for the Project; risks associated with uninsurable risks arising during the course of exploration; risks associated with currency fluctuations; environmental risks; competition faced in securing experienced personnel; access to adequate infrastructure to support exploration activities; risks associated with changes in the mining regulatory regime governing the Company and the Project; completion of the environmental assessment process; risks related to regulatory and permitting delays; risks related to potential conflicts of interest; the reliance on key personnel; financing, capitalisation and liquidity risks including the risk that the financing necessary to fund continued exploration and development activities at the Project may not be available on satisfactory terms, or at all; the risk of potential dilution through the issuance of additional common shares of the Company; the risk of litigation.

Although the Company has attempted to identify important factors that cause results not to be as anticipated, estimated or intended, there can be no assurance that such forward-looking information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. Accordingly, readers should not place undue reliance on forward-looking information. Forward looking information is made as of the date of this announcement and the Company does not undertake to update or revise any forward-looking information this is included herein, except in accordance with applicable securities laws.

# Appendix A – Rock Chip Assay Values

					Gold Pathfinder Elements					
			Au	Ag	As	Bi	Мо	Te	Sb	W
Sample	Easting	Northing	g/t	g/t	ppm	ppm	ppm	ppm	ppm	ppm
DIRO01	310485	6825417	0.090	0.07	1.5	1.07	0.89	0.09	0.05	0.40
DIRO02	310508	6825432	0.120	0.07	0.3	14.10	2.20	1.32	<0.05	2.33
DIR003	310504	6825436	0.010	0.04	0.4	0.10	0.23	0.01	<0.05	0.07
DIRO04	310617	6825530	0.060	0.05	1.2	0.06	0.36	<0.01	0.05	0.19
DIRO05	310609	6825673	0.050	0.01	2.2	0.04	0.33	0.07	<0.05	0.11
DIRO06	310672	6825731	0.040	0.03	2.4	0.03	0.13	0.07	<0.05	0.20
DIRO07	310763	6825818	0.080	0.02	1.2	0.09	0.21	0.02	0.06	0.09
DIRO08	310973	6825773	0.020	0.05	2.1	0.10	0.76	0.03	<0.05	0.56
DIRO09	311014	6825842	0.010	0.09	0.7	0.04	1.09	0.01	0.23	3.16
DIR010	311076	6825887	0.040	0.04	2.7	0.04	0.12	0.06	<0.05	0.11
DIR011	311261	6825910	0.010	0.01	0.4	0.11	0.16	0.01	<0.05	<0.05
DIR012	311271	6825865	0.020	0.01	1.0	0.04	0.30	<0.01	<0.05	0.26
DIR013	311095	6825698	0.030	0.01	2.3	0.04	0.08	0.13	<0.05	0.15
DIR014	311044	6825651	0.030	0.01	2.7	0.03	0.05	0.09	<0.05	0.09
DIR015	310833	6825605	0.050	0.05	0.7	0.09	0.20	0.03	<0.05	0.26
DIR016	311101	6825074	0.440	0.04	5.1	0.26	0.13	0.09	<0.05	5.69
DIR017	311095	6825083	0.090	0.01	0.7	0.13	0.07	0.02	<0.05	0.39
DIR018	311105	6825077	1.870	0.03	0.5	0.90	1.04	0.12	<0.05	17.60
DIR019	311120	6825157	0.270	0.02	2.7	0.17	0.34	0.07	0.08	0.40
DIRO20	311108	6825198	0.120	0.03	3.4	0.08	0.31	0.02	0.05	1.18
DIRO21	311084	6825267	0.010	<0.01	0.3	0.22	1.01	0.03	<0.05	0.26
DIRO22	311134	6825453	0.030	0.01	1.5	0.09	0.55	0.03	<0.05	0.05
DIR023	311105	6825500	0.010	0.01	0.2	0.09	0.31	0.01	<0.05	0.15
DIRO24	311063	6825496	<0.01	0.01	0.5	0.05	0.24	0.01	<0.05	0.05
DIRO25	310901	6825382	0.030	0.02	0.5	0.08	0.17	0.02	<0.05	0.14
DIR026	310682	6825240	0.040	0.06	0.8	0.21	0.21	0.02	<0.05	0.62
DIRO27	310672	6825241	21.000	2.10	2.9	0.42	0.29	0.05	<0.05	3.51
DIRO28	310660	6825240	0.050	0.06	0.7	0.20	0.59	0.07	0.08	0.69
DIRO29	310674	6825213	0.030	0.03	2.0	0.13	0.30	0.01	<0.05	0.48
DIRO30	310637	6825193	0.030	0.03	0.6	0.09	0.46	0.01	<0.05	0.75
DIR031	310637	6825193	0.030	0.16	2.0	0.19	0.17	0.06	<0.05	1.41
DIR032	310626	6825139	7.490	0.96	3.3	1.16	0.23	0.25	0.05	4.02
DIRO33	310639	6825261	0.140	0.05	0.4	0.09	0.18	0.09	0.05	0.50
DIR034	310420	6825426	0.030	0.03	0.4	0.10	0.29	0.02	<0.05	0.20
DIR035	310445	6825367	0.020	0.02	0.4	0.37	0.22	<0.01	<0.05	<0.05
DIR036	310511	6825298	0.040	0.03	0.7	0.07	0.56	0.02	<0.05	0.16
DIRO37	310563	6825310	0.020	0.03	0.3	0.13	0.49	0.04	<0.05	0.51
DIRO38	310569	6825330	0.010	0.02	0.3	0.05	0.59	<0.01	0.06	0.06
DIR039	310455	6825203	0.010	0.03	0.7	0.13	0.22	0.02	0.06	0.26
DIRO40	310436	6825212	0.010	0.02	0.7	0.13	0.52	0.10	<0.05	0.20
DIRO40	310399	6825209	0.010	0.01	0.9	0.16	0.10	0.10	<0.05	0.19
DIRO41 DIRO42	310353	6825126	0.010	0.01	0.9	0.10	0.10	0.01	<0.05	1.76
DIR042	310332	6825083	0.020	0.13	0.4	0.05	0.14	0.01	<0.05	0.55
DIR044	310342	6824992	0.410	0.02	1.0	0.03	0.29	0.01	<0.05	0.33
DIR045	310277	6825023	0.020	0.02	0.2	0.12	0.29	0.02	<0.05	1.17
				0.03	***************************************		0.46	0.01		0.70
DIRO46	310484	6825166	0.020		0.6	0.11		·····	<0.05	
DIRO47	310597	6825188	0.020	0.04	0.5	0.03	0.42	0.01	<0.05	130.00
DIR048	311153	6825011	0.090	<0.01	0.3	0.11	0.19	0.01	<0.05	0.17

		_			Gold Pathfinder Elements					
			Au	Ag	As	Bi	Mo	Te	Sb	W
Sample	Easting	Northing	g/t	g/t	ppm	ppm	ppm	ppm	ppm	ppm
DIRO49	310903	6824934	0.010	0.01	0.8	0.16	0.14	0.01	<0.05	0.25
DIR050	310879	6824951	0.040	0.02	0.3	0.16	<0.05	0.02	<0.05	0.18
DIR051	310884	6824954	0.020	0.01	0.3	0.17	0.63	0.02	0.06	0.25
DIR052	310874	6825043	0.010	0.02	2.3	0.84	0.24	0.08	0.05	0.20
DIR053	310845	6825061	0.010	0.01	1.1	0.86	0.86	0.18	<0.05	0.31
DIR054	310790	6824976	0.010	0.01	0.2	0.07	0.16	0.01	<0.05	0.15
DIR055	310690	6824993	0.010	0.01	0.4	0.14	0.26	0.03	<0.05	0.14
DIR056	310660	6824997	0.010	0.01	0.2	0.06	0.22	0.01	<0.05	0.05
DIR057	310568	6825001	0.030	0.10	0.4	0.04	0.11	0.01	<0.05	0.22
DIR058	310563	6824899	<0.01	0.01	0.3	0.07	<0.05	0.02	<0.05	<0.05
DIR059	310576	6824902	0.040	0.02	1.3	0.08	0.06	0.06	<0.05	0.24
DIR060	310794	6824908	0.020	0.01	0.5	0.07	<0.05	0.02	<0.05	0.05
DIR061	310814	6825230	0.020	0.04	0.7	0.09	0.22	0.02	<0.05	0.15
DIR062	310793	6825281	0.020	0.03	0.5	0.04	0.50	<0.01	<0.05	0.24
DIR063	310783	6825339	0.020	0.03	0.6	0.62	0.15	0.06	<0.05	0.52
DIR064	310791	6825334	0.020	0.02	0.8	0.14	0.11	0.02	<0.05	0.17
DIR065	310755	6825387	1.600	0.10	29.8	0.15	1.17	0.08	<0.05	0.33
DIRO66	310725	6825388	9.040	9.59	0.5	0.08	0.68	0.07	<0.05	0.88
DIR067	310725	6825388	6.090	0.41	1.4	0.02	0.26	0.01	<0.05	24.50
DIR068	311391	6824746	0.020	0.02	0.3	0.11	0.12	0.02	<0.05	0.09
DIR069	311220	6824710	0.010	0.05	3.4	1.10	0.66	0.11	0.07	0.56
DIR070	311221	6824681	0.040	0.03	2.5	0.44	0.46	0.05	<0.05	0.58
DIR071	311241	6824576	0.010	0.90	4.0	1.61	4.45	0.12	<0.05	0.30
DIR071	311173	6824682	<0.01	0.03	0.3	0.21	0.24	0.02	<0.05	0.23
DIR072	311089	6824673	<0.01	0.03	0.4	0.24	0.21	0.01	<0.05	0.18
DIR074	311005	6824667	0.010	0.03	0.4	2.42	1.02	0.34	<0.05	0.15
DIR075	311220	6824639	<0.01	0.01	0.5	0.22	0.21	0.03	<0.05	0.11
DIR075	311478	6824638	0.010	0.01	0.3	0.09	<0.05	0.03	<0.05	0.11
DIR070	310897	6824383	<0.01	0.01	0.3	1.15	1.30	0.02	<0.05	0.07
DIRO77	310913	6824462	<0.01	0.02	0.4	0.09	0.13	0.01	<0.05	<0.05
DIR079	310921	6824538	<0.01	0.02	2.2	0.62	0.30	0.06	<0.05	0.32
DIRO80	310921	6824577	0.010	0.15	0.5	0.83	0.56	0.00	<0.05	0.54
DIRO80	310942	6824625	0.010	0.03	1.7	3.25	0.72	0.50	<0.05	0.41
DIRO81	310837	6824621	0.030	0.14	0.8	1.19	0.72	0.30	0.05	0.41
DIR082	310690	6824659	<0.01	0.08	0.8	0.09	0.10	0.11	<0.05	0.19
DIRO83	310090	6824439	<0.01	0.02	0.3	0.03	0.44	0.01	<0.05	0.13
DIRO85	310834	6824337	<0.01	0.03	0.3	11.20	0.61	0.01	<0.05	0.07
DIR086	310659	6824349	0.010	0.03	0.4	0.24		0.02	<0.05	<0.05
DIR087	310539	6824509	<0.010	0.04	0.8	0.24	0.25 0.37	0.02	<0.05	0.27
DIR088	310344	6824319	<0.01	0.00	0.1	0.17	0.37	0.01	<0.05	0.27
DIR089	310473	6824289	0.010	0.02	•	0.07	0.13	0.01	0.05	0.20
		6824524			1.0					
DIR090	311382		<0.01	0.02	0.4	0.45	0.42	0.07	<0.05	0.46
DIR091	311294	6824432	0.010	0.01	0.2	0.27	0.17	0.04	<0.05	0.09
DIRO92	311269	6824432	0.020	0.06	3.8	0.64	0.47	0.10	<0.05	0.19
DIR093	311247	6824383	<0.01	<0.01	0.5	0.24	0.13	0.03	<0.05	0.12
DIR094	311266	6824367	0.010	0.03	1.9	0.46	0.31	0.10	<0.05	1.52
DIR095	311269	6824356	0.180	0.02	2.2	0.55	0.45	0.11	0.07	1.90
DIR096	311267	6824359	0.020	0.04	7.6	0.40	0.83	0.20	0.07	1.73
DIR097	311261	6824290	0.010	<0.01	0.2	0.14	0.09	0.02	<0.05	0.08
DIR098	311766	6824738	<0.01	0.02	0.4	0.20	0.26	0.01	<0.05	0.10

		_			Gold Pathfinder Elements					
			Au	Ag	As	Bi	Мо	Te	Sb	W
Sample	Easting	Northing	g/t	g/t	ppm	ppm	ppm	ppm	ppm	ppm
DIR099	311642	6824662	<0.01	0.01	0.5	0.15	0.14	<0.01	<0.05	0.13
DIR100	311483	6824574	<0.01	0.02	0.9	0.04	0.89	0.01	0.05	0.15
DIR101	311405	6824540	0.010	0.03	0.3	0.06	0.17	0.01	<0.05	0.14
DIR102	311330	6824635	<0.01	0.01	0.3	0.05	0.36	0.01	<0.05	<0.05
DIR103	311360	6824669	0.010	0.06	0.3	0.04	0.25	0.06	<0.05	0.20
DIR104	311362	6824672	0.010	0.02	0.2	0.05	0.15	<0.01	<0.05	<0.05
DIR105	311566	6824796	0.020	0.02	0.1	0.11	0.62	0.02	<0.05	0.05

<sup>\*</sup> Coordinates in UTM MGA projection GDA94 Zone 51

# Appendix B –Soil Assay Values

					Gold Pathfinder Elements					
			Au	Ag	As	Bi	Мо	Te	Sb	W
Sample	Easting	Northing	g/t	g/t	ppm	ppm	ppm	ppm	ppm	ppm
DIS001	311105	6825077	2.300	0.12	2.1	2.28	0.09	0.41	0.05	28.30
DIS002	311110	6825100	5.520	0.32	3.1	0.26	0.53	0.06	0.15	0.28
DIS003	311108	6825198	0.056	0.05	3.9	0.08	0.22	0.02	<0.05	0.32
DIS004	311084	6825267	0.047	0.02	2.6	0.22	0.30	0.09	0.10	0.41
DIS005	311109	6825299	0.064	0.02	2.5	0.32	0.42	0.04	0.14	<0.05
DIS006	311109	6825400	0.007	0.01	2.5	3.59	0.40	0.05	0.11	<0.05
DIS007	311111	6825498	0.017	0.02	2.3	0.20	0.24	0.06	0.08	0.09
DIS008	311009	6825497	0.004	0.01	1.3	0.17	0.22	0.03	0.06	<0.05
DIS009	310960	6825540	0.044	0.02	3.1	0.14	0.13	0.14	0.05	0.17
DIS010	310960	6825296	0.040	0.02	3.9	0.21	0.47	0.04	0.13	0.08
DIS011	310452	6825483	0.006	0.04	1.7	0.16	0.33	0.05	0.10	0.11
DIS012	310455	6825399	0.019	0.05	1.9	0.17	0.28	0.04	0.10	0.06
DIS012	310456	6825342	0.021	0.03	2.3	0.06	0.13	0.09	0.05	0.11
DIS014	310463	6825298	0.003	0.04	2.0	0.20	0.34	0.03	0.11	0.08
DIS015	310512	6825298	0.003	0.02	1.1	0.13	0.23	0.03	0.08	0.06
DIS015	310562	6825304	0.007	0.02	0.4	0.13	0.07	0.05	<0.05	0.05
DIS017	310560	6825394	0.007	0.02	0.8	0.10	0.16	0.03	<0.05	0.30
DIS017	310609	6825303	0.002	0.02	0.4	0.10	0.16	0.02	<0.05	0.05
DIS018	310003	6825242	0.004	0.01	0.4	0.06	0.09	0.02	0.05	0.05
DIS019	310577	6825200	0.003	0.02	1.5	0.12	0.03	0.01	0.03	0.03
DIS020				0.04	·····÷	0.12		•••••		<0.05
DIS021	310510 310459	6825200 6825202	0.002 0.006	0.02	0.6 1.6	1.04	0.10 0.33	0.02 0.05	<0.05 0.11	0.08
DIS022	310439		i	0.02		0.15	0.33	0.03		0.08
		6825240	0.001	,	1.2				0.09	
DIS024	310389	6825198	0.004	0.05	0.3	0.68	0.78	0.06	<0.05	0.20
DIS025	310341	6825108	0.004	0.03	2.0	0.27	0.37	0.04	0.11	0.15
DIS026	310303	6825052	0.003	0.02	1.2	0.11	0.18	0.03	0.08	0.05
DIS027	310337	6825000	0.004	0.07	1.2	0.08	0.17	0.04	0.05	0.17
DIS028	310427	6825062	0.001	0.02	1.0	0.07	0.15	0.02	0.05	0.07
DIS029	310457	6825104	0.007	0.03	1.0	0.08	0.18	0.02	0.06	0.06
DIS030	310460	6825162	0.005	0.02	1.9	0.47	0.29	0.04	0.11	0.05
DIS031	310597	6825183	0.005	0.03	1.4	0.10	0.24	0.02	0.08	0.07
DIS032	310624	6825237	0.018	0.03	0.7	0.08	0.10	0.02	<0.05	0.08
DIS033	311189	6824996	0.057	0.02	2.8	0.37	0.28	0.09	0.11	0.21
DIS034	311157	6824998	0.049	0.03	2.2	0.33	0.26	0.04	0.08	0.20
DIS035	311110	6825001	0.013	0.01	0.6	0.25	0.05	0.03	<0.05	0.05
DIS036	311061	6825000	0.003	0.01	1.2	0.32	0.15	0.02	0.06	<0.05
DIS037	311011	6825000	0.011	0.03	1.9	0.39	0.28	0.05	0.09	0.57
DIS038	310961	6825000	0.037	0.02	1.7	0.29	0.22	0.03	0.09	0.10
DIS039	310910	6825000	0.039	0.03	2.4	0.20	0.21	0.17	0.07	0.07
DIS040	310906	6825020	0.003	0.01	2.9	0.25	0.06	0.09	<0.05	<0.05
DIS041	310859	6825000	0.010	0.02	3.3	0.37	0.32	0.06	0.10	0.05
DIS042	310810	6825000	0.051	0.03	1.5	0.30	0.21	0.02	0.07	0.20
DIS043	310791	6824985	0.010	0.04	1.7	0.39	0.18	0.22	<0.05	0.38
DIS044	310746	6825000	0.012	0.02	2.4	0.22	0.30	0.04	0.09	0.07
DIS045	310712	6825000	0.008	0.03	1.7	0.19	0.31	0.04	0.08	<0.05
DIS046	310664	6824994	0.008	0.03	1.5	0.12	0.20	0.02	0.07	<0.05
DIS047	310612	6824997	0.005	0.03	1.8	0.17	0.27	0.04	0.09	0.05
DIS048	310563	6825000	0.003	0.03	1.6	0.16	0.24	0.03	0.07	0.07

					Gold Pathfinder Elements					
			Au	Ag	As	Bi	Мо	Te	Sb	W
Sample	Easting	Northing	g/t	g/t	ppm	ppm	ppm	ppm	ppm	ppm
DISO49	310513	6825001	0.002	0.02	1.7	0.13	0.25	0.03	0.08	0.07
DIS050	310510	6824900	0.003	0.01	1.9	0.12	0.28	0.02	0.10	<0.05
DIS051	310560	6824900	0.014	0.02	1.1	0.07	0.10	0.10	<0.05	0.15
DIS052	310610	6824900	0.025	0.02	4.0	0.28	0.67	0.14	<0.05	0.40
DIS053	310663	6824905	0.018	0.02	2.2	0.10	0.18	0.10	0.05	0.07
DIS054	310710	6824900	0.003	0.01	1.8	0.16	0.29	0.03	0.08	0.05
DIS055	310760	6824900	0.031	0.02	1.5	0.08	0.11	0.06	<0.05	<0.05
DIS056	310814	6824900	0.041	0.02	1.8	0.29	0.39	0.05	0.10	0.10
DIS057	310860	6824900	0.003	0.02	1.6	0.30	0.25	0.03	0.08	0.06
DIS058	310821	6825212	0.025	0.02	2.7	0.48	0.48	0.13	0.12	0.21
DIS059	310770	6825302	0.011	0.03	2.1	0.20	0.34	0.03	0.11	0.16
DIS060	310760	6825400	0.007	0.02	2.1	0.14	0.35	0.03	0.12	0.14
DIS061	310700	6825314	0.007	0.02	2.3	0.14	0.26	0.03	0.09	0.33
DIS062	311511	6824739	0.006	0.04	2.4	0.22	0.34	0.06	0.03	0.05
DIS063	311311	6824746		0.01	1.7		0.34	·····	0.13	<0.05
	-		0.003	,	······	0.62		0.02		
DISO64	311400	6824751	0.023	0.04	2.2	0.62	0.31	0.11	0.08	0.06
DISO65	311360	6824740	0.004	0.02	2.2	1.16	0.33	0.05	0.11	0.05
DIS066	311311	6824740	0.003	0.03	1.5	0.31	0.25	0.04	0.07	<0.05
DIS067	311281	6824740	0.007	0.02	2.1	0.29	0.20	0.11	0.07	<0.05
DIS068	311250	6824733	0.017	0.04	1.8	0.36	0.23	0.10	0.08	0.05
DIS069	311202	6824600	0.023	0.03	2.3	0.27	0.27	0.06	0.08	0.08
DIS070	311211	6824640	0.026	0.02	2.1	0.29	0.27	0.05	0.09	0.06
DIS071	311209	6824687	0.007	0.04	1.6	0.49	0.27	0.06	0.08	0.14
DIS072	311211	6824740	0.034	0.03	1.6	5.50	0.63	0.31	0.09	0.22
DIS073	311210	6824791	0.007	0.03	2.3	0.50	0.37	0.07	0.13	0.11
DIS074	311262	6824791	0.012	0.04	2.3	0.43	0.32	0.08	0.10	0.06
DIS075	311310	6824792	0.060	0.03	2.7	0.39	0.29	0.07	0.09	0.10
DIS076	311359	6824796	0.004	0.02	2.9	0.67	0.56	0.06	0.14	0.09
DIS077	311410	6824790	0.021	0.02	2.1	0.30	0.34	0.03	0.12	<0.05
DIS078	311465	6824792	0.002	0.01	1.2	0.12	0.19	0.02	0.08	<0.05
DIS079	311560	6824689	0.002	0.01	2.5	0.28	0.58	0.04	0.14	<0.05
DIS080	311510	6824688	0.001	0.01	2.8	0.45	0.77	0.05	0.15	0.06
DIS081	311458	6824691	0.002	0.02	2.0	0.29	0.39	0.04	0.11	<0.05
DIS082	311410	6824692	0.006	0.02	3.6	0.70	0.54	0.07	0.15	0.14
DIS083	311360	6824690	0.005	0.01	1.8	0.41	0.35	0.05	0.12	0.05
DIS084	311309	6824693	<0.001	0.01	1.4	0.28	0.26	0.02	0.09	<0.05
DIS085	311258	6824691	0.003	0.02	2.1	1.07	0.38	0.05	0.12	<0.05
DIS086	311160	6824690	0.008	0.03	1.0	0.31	0.13	0.04	0.05	0.09
DIS087	311108	6824693	0.009	0.02	1.7	0.85	0.22	0.11	0.07	0.07
DIS088	311060	6824690	0.007	0.01	1.6	0.94	0.34	0.12	0.08	0.11
DIS089	311007	6824690	0.008	0.03	1.3	1.09	0.42	0.15	0.07	0.18
DIS090	311015	6824637	0.003	0.03	1.6	0.50	0.44	0.10	0.10	0.07
DIS091	311063	6824640	0.005	0.02	1.9	0.81	0.25	0.11	0.08	0.09
DIS092	311108	6824641	0.005	0.02	1.4	0.87	0.22	0.06	0.07	0.12
DIS093	311163	6824642	0.003	0.02	1.9	0.42	0.25	0.05	0.09	0.06
DIS094	311262	6824641	0.002	0.01	1.3	0.77	0.21	0.04	0.08	0.07
DIS095	311311	6824642	0.002	0.02	2.4	0.43	0.27	0.07	0.09	0.07
DIS095	311311	6824640	0.012	0.02	2.4	0.43	0.27	0.06	0.09	0.07
DIS096	311355	6824638	0.003	0.02	2.5	0.80	0.44	0.08	0.12	0.07
				,						
DIS098	311460	6824642	0.007	0.03	5.6	1.38	0.80	0.12	0.15	0.65

		_			Gold Pathfinder Elements					
			Au	Ag	As	Bi	Мо	Te	Sb	W
Sample	Easting	Northing	g/t	g/t	ppm	ppm	ppm	ppm	ppm	ppm
DISO99	311510	6824640	0.002	0.01	3.5	0.48	0.74	0.06	0.17	0.37
DIS100	310914	6824391	0.002	0.04	1.6	0.67	0.32	0.06	0.09	0.13
DIS101	310911	6824443	<0.001	0.02	1.5	0.20	0.22	0.03	0.07	0.06
DIS102	310913	6824491	0.005	0.04	1.7	0.75	0.33	0.14	0.08	0.23
DIS103	310909	6824542	0.002	0.03	1.4	0.25	0.50	0.03	0.08	0.07
DIS104	310912	6824593	0.008	0.06	1.3	0.84	0.70	0.12	0.09	0.17
DIS105	310910	6824638	0.026	0.03	1.0	0.71	0.49	0.15	0.06	0.17
DIS106	310860	6824640	0.009	0.04	1.6	0.67	0.53	0.10	0.09	0.31
DIS107	310812	6824640	0.136	0.05	1.4	4.15	1.05	1.25	0.07	0.78
DIS108	310761	6824643	0.004	0.03	0.9	0.68	0.24	0.12	0.05	0.55
DIS109	310709	6824643	0.004	0.03	1.8	0.44	0.37	0.05	0.08	0.14
DIS110	310716	6824587	0.140	0.07	1.4	6.74	0.81	2.27	0.09	0.61
DIS111	310760	6824542	0.004	0.04	1.2	0.56	0.30	0.07	0.06	0.16
DIS112	310815	6824487	0.002	0.03	1.4	0.33	0.56	0.04	0.08	0.09
DIS113	310862	6824439	0.004	0.03	1.1	0.49	0.19	0.06	0.05	<0.05
DIS114	310760	6824338	0.001	0.02	0.8	0.11	0.13	0.01	0.05	<0.05
DIS115	310708	6824341	0.001	0.02	1.4	0.14	0.22	0.02	0.07	<0.05
DIS116	310658	6824343	0.005	0.02	1.9	0.28	0.22	0.07	0.08	0.05
DIS117	310610	6824340	0.003	0.02	1.1	0.16	0.21	0.03	0.05	0.17
DIS118	310610	6824394	0.004	0.04	1.9	0.33	0.26	0.07	0.08	0.06
DIS119	310610	6824443	0.007	0.03	1.4	0.50	0.24	0.03	0.08	0.07
DIS120	310554	6824495	<0.001	0.03	0.8	0.11	0.15	0.02	0.05	0.11
DIS121	310511	6824538	0.005	0.05	1.2	0.14	0.22	0.03	0.08	0.10
DIS122	310474	6824516	0.004	0.02	1.1	0.16	0.19	0.02	0.07	0.09
DIS123	310460	6824485	0.005	0.05	1.4	0.20	0.27	0.02	0.08	0.09
DIS124	310460	6824388	0.001	0.02	2.3	0.21	0.27	0.03	0.08	0.18
DIS125	310463	6824323	<0.001	0.02	0.8	0.11	0.13	0.02	0.05	0.13
DIS126	310518	6824288	0.001	0.02	1.2	0.09	0.31	0.02	0.08	<0.05
DIS127	310560	6824241	0.001	0.02	1.9	0.14	0.32	0.02	0.12	0.08
DIS128	310663	6824196	0.002	0.02	1.1	0.08	0.23	0.01	0.06	0.08
DIS129	310707	6824243	0.001	0.02	1.4	0.14	0.29	0.02	0.09	0.07
DIS130	310759	6824279	0.038	0.03	1.4	1.27	0.34	0.09	0.08	0.13
DIS131	311407	6824540	0.003	0.01	1.4	0.27	0.31	0.04	0.09	0.08
DIS132	311362	6824540	0.002	0.01	1.6	0.33	0.28	0.03	0.10	0.07
DIS133	311360	6824490	0.002	0.01	1.8	0.37	0.27	0.04	0.08	0.06
DIS134	311309	6824440	0.032	0.02	2.7	0.21	0.21	0.14	0.08	0.13
DIS135	311252	6824407	0.031	0.02	1.1	0.27	0.11	0.09	<0.05	<0.05
DIS136	311260	6824347	0.026	0.01	1.8	0.32	0.19	0.10	0.06	0.16
DIS137	311234	6824294	0.003	0.01	1.0	0.14	0.10	0.02	<0.05	0.05
DIS138	311315	6824292	0.021	0.02	1.4	0.19	0.13	0.06	0.07	0.14
DIS139	311360	6824343	0.011	0.01	1.3	0.22	0.13	0.05	0.07	0.06
DIS140	311395	6824404	0.006	0.01	1.5	0.22	0.25	0.04	0.11	<0.05
DIS141	311418	6824450	0.021	0.02	2.1	0.20	0.25	0.05	0.11	0.05
DIS142	311451	6824482	0.007	0.01	2.2	0.16	0.29	0.05	0.11	0.05
DIS143	310797	6824742	0.019	0.02	1.4	0.18	0.09	0.05	<0.05	<0.05
DIS144	310761	6824739	0.006	0.02	1.5	0.54	0.28	0.03	0.09	<0.05
DIS145	310698	6824700	0.001	0.02	1.5	0.12	0.21	0.02	0.08	<0.05
DIS146	310651	6824668	0.003	0.02	1.9	0.21	0.19	0.03	0.07	0.05
DIS147	310607	6824635	0.002	0.01	1.7	0.16	0.25	0.04	0.10	0.05
DIS148	310561	6824585	0.004	0.04	1.1	0.26	0.21	0.03	0.07	0.10

		_			Gold Pathfinder Elements					
			Au	Ag	As	Bi	Мо	Te	Sb	W
Sample	Easting	Northing	g/t	g/t	ppm	ppm	ppm	ppm	ppm	ppm
DIS149	310476	6824563	0.002	0.03	0.8	0.08	0.13	0.02	0.05	0.05
DIS150	310454	6824550	0.001	0.04	1.5	0.12	0.24	0.02	0.08	0.05
DIS151	310363	6824582	0.002	0.02	1.1	0.13	0.22	0.03	0.07	0.06
DIS152	310330	6824635	0.011	0.08	1.4	0.25	0.49	0.21	0.06	0.23
DIS153	310434	6824719	0.003	0.03	1.1	0.15	0.21	0.03	0.07	0.10
DIS154	310487	6824753	0.004	0.03	2.0	0.17	0.31	0.03	0.10	0.06
DIS155	310550	6824787	0.012	0.03	1.2	0.13	0.10	0.04	<0.05	0.05
DIS156	310619	6824830	0.005	0.02	1.7	0.21	0.27	0.03	0.08	0.07
DIS157	310717	6824854	0.008	0.02	1.1	0.15	0.15	0.02	0.06	0.06

<sup>\*</sup> Coordinates in UTM MGA projection GDA94 Zone 51

# Appendix 1 Diorite Rock Chip and Soil Sampling

# JORC Code, 2012 Edition – Table 1

# **Section 1 Sampling Techniques and Data**

(Criteria in this section apply to all succeeding sections.)



Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul> <li>Nature and quality of sampling (e.g. 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.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (e.g. '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 (e.g. submarine nodules) may warrant disclosure of detailed information.</li> </ul>	<ul> <li>ROCK/SOIL SAMPLING – HISTORICAL</li> <li>Soil and rock chip sampling was undertaken by several different companies over the past +17 years (1998 and 2014) with the main explorers being Sons of Gwalia Ltd, MRG Metals and Bligh Resources Ltd.</li> <li>Much of the historical sampling procedures have not been documented. It is expected that the sampling practice complies with industry best practice.</li> <li>ROCK/SOIL SAMPLING – JUNE 2020</li> <li>Soil sampling was generally completed on a grid basis between 50m and 100m spacing with the object to in-fill areas from historical soil samples and soils were also taken when traversing other areas for known lithology outcrops for rock chip sampling.</li> <li>Top soil was removed and soil samples were collected generally between 10-15cm. Due to very limited regolith cover in many locations, some samples were collected at around 5cm depth.</li> <li>Rock chip samples were collected from outcrop in-situ lithology and a few rock chip samples were collected from historic mining dumps (non-tailings rocks piles adjacent to shafts and pits).</li> <li>Rock and soil samples collected were representative – averaging 640 grams for rocks and 1.1 kg for soils.</li> <li>Sampling practice is appropriate and complies with industry best practice.</li> <li>Bulk sample preparation and analysis was performed by ALS laboratories in Perth, following industry best practice standards.</li> </ul>
Drilling techniques	<ul> <li>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. 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.).</li> </ul>	Not Applicable – no drilling reported

Drill sample recovery	<ul> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of</li> </ul>	Not Applicable – no drilling reported
	<ul> <li>the samples.</li> <li>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.</li> </ul>	
Logging	<ul> <li>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.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	For rock chip samples logging is qualitative and descriptive.
Sub-sampling techniques and sample preparation	<ul> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>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.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul> <li>Much of the historical sampling procedures have not been documented. It is expected that the sub-sampling practice complies with industry best practice.</li> <li>ROCK/SOIL SAMPLING – JUNE 2020</li> <li>Soil and rock chip samples were collected in dry conductions. Soil samples were collected from between 5cm and 15cm depth depending on regolith cover and the size of sample on average was between 640g to 1.1 kg. Rock chips whole samples collected from outcrop.</li> <li>Insertion of standards and blanks by the company was not necessary for the type of sampling undertaken. Routine QA/QC processes at the ALS Laboratory included insertion of duplicates, blanks and standards as per standard procedures.</li> </ul>
Quality of assay data and laboratory tests	<ul> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>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.</li> <li>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</li> </ul>	<ul> <li>ROCK/SOIL SAMPLING – HISTORICAL</li> <li>Internal company quality control and quality assurance have not been documented.</li> <li>Samples over the project area have been a variety of rock chips, soils and LAG. Only relevant rock chip and soil samples have been examined and reported. LAG samples were generally taken from the same location to a soil sample.</li> <li>A variety of assay methods from different laboratories were used for gold mostly by fire assay.</li> <li>ROCK/SOIL SAMPLING – JUNE 2020</li> </ul>

		<ul> <li>157 soil samples and 112 rock chip samples were dispatched to ALS Geochemistry in Kalgoorlie and then prepared and analysed in Perth. ALS is an accredited/certified laboratory.</li> <li>Soil samples were analysed for trace level (25g) gold and multielements using method AuME-TL43 (aqua regia digestion with ICP – MS finish). Multi-element analysis includes Au, Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cs, Cu, Fe, Ga, Ge, Hf, Hg, In, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, P, Pb, Rb, Re, S, Sb, Sc, Se, Sn, Sr, Ta, Te, Th, Ti, Tl, U, V, W, T, Zn and Zr. Above detection limit for gold (1ppm) was automatically assayed using method Au-AROR43 – aqua regia digestation.</li> <li>Rock chip samples were analysed for aqua regia digestion with ICP-MS/AES finish for 38 elements (method ME-MS43). Gold was analysed for ore grade gold by Fire Assay(30 gram charge) with AAS finish (Au-AA25 method).</li> </ul>
Verification of sampling and assaying	<ul> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>	<ul> <li>ROCK/SOIL SAMPLING – HISTORICAL</li> <li>Internal verification of significant intersections has not been documented.</li> <li>Data entry, data verification and data storage processes are unknown. Historical data was sourced from annual reports lodged to Government authorities.</li> </ul>
		<ul> <li>ROCK/SOIL SAMPLING – JUNE 2020</li> <li>Sampling sheets were used to record the samples and description where applicable in the field and transferred to electronic format.</li> <li>Soil and rock chip assays were received in electronic format from ALS and were documented and verified by the Competent Person.</li> <li>No assay adjustment was applied. Conversion of gold soil assays from ppm to ppb was necessary for presenting geochemical imagery.</li> </ul>
Location of data points	<ul> <li>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.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul> <li>ROCK/SOIL SAMPLING – HISTORICAL</li> <li>Samples were reported as been located with GPS. At least 5m accuracy would be expected.</li> <li>Grid system used for earlier samples was Australian Map Grid 84 (ADG84) Zone 51. The eastings and northings were converted to MGA Geocentric Datum of Australia 1994 (GDA94) zone 51 with high accuracy.</li> <li>Grid system used to locate the vast majority of samples was Geocentric Datum of Australia 1994 (GDA94) zone 51.</li> </ul>

Data spacing and distribution	<ul> <li>Data spacing for reporting of Exploration Results.</li> <li>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.</li> <li>Whether sample compositing has been applied.</li> </ul>	<ul> <li>ROCK/SOIL SAMPLING – JUNE 2020</li> <li>Samples were located with handheld GPS with x-y accuracy of ±5m and height relative to AHD.</li> <li>Datum used was UTM MGA projection to GDA94 zone 51.</li> <li>ROCK/SOIL SAMPLING – HISTORICAL</li> <li>Soil samples have generally been done on 200m x 100m spacing.</li> <li>Much of the historical sampling procedures have not been recorded.</li> </ul>
		<ul> <li>ROCK/SOIL SAMPLING – JUNE 2020</li> <li>Soil sampling was generally completed on a grid basis between 50m and 100m spacing with the object to in-fill areas from historical soil samples and soils were also taken when traversing other areas for known lithology outcrops for rock chip sampling.</li> </ul>
Orientation of data in relation to geological structure	<ul> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>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.</li> </ul>	<ul> <li>ROCK/SOIL SAMPLING – HISTORICAL</li> <li>Sample spacing and orientation appears to be reconnaissance in nature.</li> <li>ROCK/SOIL SAMPLING – JUNE 2020</li> <li>Soil sample orientation was reconnaissance in nature with the objective to in-fill historical samples to somewhat verify historic results but also target areas of geologic interest.</li> <li>Rock chip samples were mostly taken from in-situ outcrop targeting known lithology. Some rock chip samples were taken from historic mining dumps (non-tailing rock piles). Structural orientation of lithology was recorded for planning future exploration drilling subject to assay results.</li> </ul>
Sample security	The measures taken to ensure sample security.	<ul> <li>ROCK/SOIL SAMPLING – HISTORICAL</li> <li>Sample security measures during transport and sample preparation are unknown. It is assumed that industry standard practices and procedures were implemented.</li> <li>ROCK/SOIL SAMPLING – JUNE 2020</li> <li>Samples were secured in closed calico bags and at least three samples were placed in heavy duty plastic bags for easy transport to ALS. Samples were collected by a local transport company and delivered to the laboratory.</li> </ul>
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	ROCK/SOIL SAMPLING – HISTORICAL

	•	No details sighted on any previous sampling reviews or audits. It is assumed that industry standard practices and procedures were implemented.
	RO •	CK/SOIL SAMPLING – JUNE 2020 No external audits or reviewed have been completed.

# **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	<ul> <li>Nature and 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.</li> <li>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.</li> </ul>	<ul> <li>Soil and rock chip samples were taken from within a subset of Torian's Diorite Block tenements as follows: P37/8868, P37/8881, P37/8882, P37/8883, P37/8885, P37/8886 and P37/8887.</li> <li>All tenements are granted and appear to be in good standing order.</li> </ul>
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	<ul> <li>ROCK/SOIL SAMPLING – HISTORICAL</li> <li>Soil and rock chip sampling was undertaken by several different companies over the past +17 years (1998 and 2014) with the main explorers being Sons of Gwalia Ltd, MRG Metals and Bligh Resources Ltd.</li> </ul>
Geology	Deposit type, geological setting and style of mineralisation.	ROCK/SOIL SAMPLING – HISTORICAL     The description of regional and local geology has been reported in this document.
Drill hole Information	<ul> <li>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:         <ul> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level –elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> </ul>	Not Applicable – no drilling reported.

	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.	
Data aggregation methods	<ul> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>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.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul> <li>ROCK/SOIL SAMPLING – HISTORICAL</li> <li>No weighting or cutting of gold values.</li> <li>No metal equivalents have been used.</li> <li>No weighted grade results have been used.</li> </ul>
Relationship between mineralisation widths and intercept lengths	<ul> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').</li> </ul>	Not Applicable – no drilling reported.
Diagrams	<ul> <li>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.</li> </ul>	Plan views and other diagrams are included in this document.
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.	Selected representative assays for soils and rock chips are reported.
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 relevant information has been disclosed for these results as well as historical results and production within the local region.
Further work	<ul> <li>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	Further exploration now being planned includes exploration drilling once drill targets have been defined and permits granted.