

ASX Announcement (ASX: **TSC**)

20 May 2020

# Significant gold discovery confirmed at Harmonic and Creasy 1

- Re-assayed 1m samples of 3m composites from the Harmonic and Creasy 1 prospects reconfirm TSC has discovered a large, shallow mineralised gold system at the Rover Project
- For Harmonic, the best new shallow high-grade intercept was up to 1m @ 11.8g/t Au from 59m (20RVRC020), with other significant 1m re-assays including:
  - o 10m @ 1.8g/t Au from 44m (20RVRC020) including 1m @ 9.2g/t Au from 46m
  - o 13m @ 1.2g/t Au from 58m (20RVRC020) including 1m @ 11.8g.t Au from 59m
  - o 8m @ 1.0g/t Au from 0m (20RVRC018) including 1m @ 3.5g/t Au from 2m
  - 10m @ 1.0g/t Au from 71m (20RVRC023) including 4m @ 1.5 g/t Au from 75m
  - 1m @ 11.7 g/t Au from 103m (20RVRC023)
  - 10m @ 0.5g/t Au from 27m (20RVRC022) including 2m @ 1.2g/t Au from 27m
- Importantly, the most southern line at Harmonic has high-grade gold at 1m @ 11.7g/t Au from 103m (20RVRC023), with the nearest drill-hole circa 350m to the south-east at Creasy 1 which contains 1m @ 1.3g/t from 37m (20RVRC24)
- For Creasy 1, the most significant new high-grade 1m re-assay results from the March 2020 drilling campaign comprise:
  - 8m @ 1.0g/t Au from 65m (20RVRC033) including 1m @ 6.4g/t Au from 71m
  - 4m @ 2.2g/t Au from 56m (20RVRC035) including 1m @ 5.6 from 57m
  - o 2m @ 3.2 g/t Au from 105m (20RVRC037) including 1m @ 5.2g/t Au from 106m
  - o 2m @ 1.0 from 134m (20RVRC037) including 1m @ 1.3g/t Au from 135m
  - o 8m @ 0.6g/t Au from 57m (20RVRC025) including 3m @ 1.3g/t Au from 57m
- A holistic review of all drilling results suggests the best gold zones (including exceptional grades 1m @ 51.2g/t from 54m in 19RVRC001 in a broader 15m @ 3.8g/t Au intersection) occur as plunging shoots developed in dilation zones associated with fold structures
- TSC's geology team, which has applied the fold-controlled shoot model more broadly along the 20km prospective gold strike in the Maynard Hills greenstone, has identified promising new areas south of Creasy 1 for follow-up in the next phase of exploration

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**CEO lan Warland commented:** "Undertaking 1m re-assays significantly boosts TSC's confidence and excitement that a large, shallow high-grade mineralised gold system has been discovered across the Harmonic and Creasy 1 prospects. Importantly, the exploration story is just beginning, as TSC's emerging shoot style geological model, coincident with folded mineralised contact, has highlighted further gold targets a stone's throw from Creasy 1 to the south-east. Meanwhile, with drilling wrapping up at eight VMS targets, follow up assay results will shortly be released to the market."

**TSC Limited** (ASX: TSC) **("TSC"** or **"the Company")** is pleased to report re-assayed 1m samples from 3m composites, taken during the March 2020 RC drilling campaign, re-confirmed the discovery of a large, shallow mineralised gold system across the Harmonic and Creasy 1 prospects<sup>5,6</sup>(Figure 1).

The 1m re-assays reinforce the gold potential at Rover and, more importantly, the benefit of progressing further work to determine the full extent of the underlying mineralised gold system.

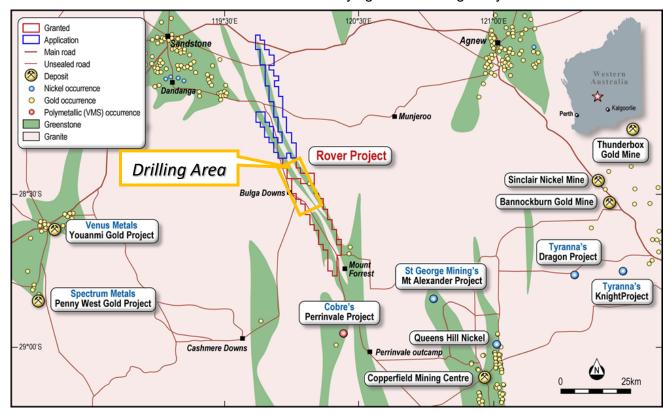


Figure 1: Rover Project relative to greenstone belt & select peers' operations

# HARMONIC PROSPECT: HIGH-GRADE 1m RE-ASSAYS

The 1m re-assays from the March 2020 drilling campaign confirm significant shallow gold mineralisation at Harmonic, with high-grades up to **11.8g/t Au from 59m in hole 20RVRC020**.

To recap, Harmonic is circa 350m to the north-west of Creasy 1 and contains gold mineralisation from surface. Notably, this extends for circa 180m along strike and remains open and downdip (Figure 2). Significant 1m re-assay results from the original March 2020 3m composites include:

- 10m @ 1.8g/t Au from 44m (20RVRC020) including 1m @ 9.2g/t Au from 46m
- o 13m @ 1.2g/t Au from 58m (20RVRC020) including 1m @ 11.8g.t Au from 59m
- o 8m @ 1.0g/t Au from 0m (20RVRC018) including 1m @ 3.5g/t Au from 2m
- o 10m @ 1.0g/t Au from 71m (20RVRC023) including 4m @ 1.5 g/t Au from 75m
- o 1m @ 11.7 g/t Au from 103m (20RVRC023)
- o 10m @ 0.5g/t Au from 27m (20RVRC022) including 2m @ 1.2g/t Au from 27m

The 2020 drill intersections compliment the previous significant results from the 2019 including:

- o 9m @ 1.4g/t Au including 1m @ 7.25g/t from 58m (19RVRC007); and
- o 14m @ 1.0g/t Au from 19m including 2m @ 3.3g/t Au & 21.2g/t Ag from 26m (19RVRC008)

Significantly, 1m @ 11.7g/t Au from 103m in 20RVRC023 is located at the southern end of the prospect and this remains open along strike for at least 350m; this is where drilling at the northern extent of Creasy 1 intersected 2m at 1.0g/t Au from 37m (20RVRC024). Future drilling will test down dip and potential strike extensions at the Harmonic prospect.

#### CREASY 1 PROSPECT: LARGE MINERALISED GOLD SYSTEM

The 1m re-assays from the 3m composites drilled in March 2020 confirm significant mineralisation at Creasy 1.

For context, the Creasy 1 prospect comprises gold mineralisation hosted in the Illara shear zone over a circa 1,500m strike length. The March 2020 follow up RC drilling at Creasy 1 was designed to focus on two main areas (Figure 2) presented below:

- Focus Area 1: A ~200m strike length where high grades were intersected up to 1m @ 51g/t Au from 54m (19RVRC001) and 4m @ 4.3g/t Au including 1m @ 14g/t Au from 104m (19RVRC014). Note, mineralisation is open down dip and may extend along strike.
- Focus Area 2: the highest-grade gold intersection was 5m @ 9g/t Au including 1m @ 44g/t
   Au from 51m (19RVRC006). Note, mineralisation is open down dip and along strike.

Significant results from the recent 1m re-assays include:

- o 8m @ 1.0g/t Au from 65m (20RVRC033) including 1m @ 6.4g/t Au from 71m
- o 3m @ 1.5g/t Au from 35m (20RVRC032) including 1m @ 3.5g/t Au from 37m
- o 4m @ 2.2g/t Au from 56m (20RVRC035) including 1m @ 5.6 from 57m
- 1m @ 1.2g/t Au from 66m (20RVRC036)
- o 2m @ 3.2 g/t Au from 105m (20RVRC037) including 1m @ 5.2g/t Au from 106m
- o 2m @ 1.0 from 134m (20RVRC037) including 1m @ 1.3g/t Au from 135m
- o 8m @ 0.6g/t Au from 57m (20RVRC025) including 3m @ 1.3g/t Au from 57m
- 2m @ 1g/t Au from 37m (20RVRC024)
- 12m @ 0.6g/t Au from 46m (20RVRC028) including 1m @ 1.6g/t Au from 46m and 2m
   @ 1.4g/t Au from 49m
- o 5m @ 0.6g/t Au from 63m (20RVRC028) including 2m @ 1.3g/t Au from 65m

Importantly, Creasy 1's most northern drill hole (20RVRDC024) contains gold mineralisation greater than 1g/t Au, with Harmonic just 350m to the northwest. Future drilling will further test the potential of Creasy 1 along strike and down dip.

## **GOLD POTENTIAL JUST SOUTH OF CREASY 1**

Interpreting TSC's drill results from Creasy 1 and Harmonic has resulted in the development of an emerging geological model, whereby better zones of gold appear to be located in plunging shoots. Notably, these shoots form in association with fold structures along the sheared contact between the quartzite and overlying mafic schist/BIF package.

For example, in Focus Area 1, an apparent dilation zone in the gold mineralised shear is developed above a fold structure evident in the quartzite/mafic schist contact. This dilation zone was tested by drill-hole 19RVRC001 which recorded a significant grade intersection of 15m @ 3.8g/t Au and included an exception high-grade interval of 1m @ 51.2g/t from 54m<sup>4</sup>.

Drill-hole 20RVRC036, which tested the shear down dip from the dilation zone, recorded a narrow gold intersection (Section 6848850N). The same structural control on mineralisation is evident at Harmonic, where better grades and widths of gold occur in a dilation zone that occurs above a fold in the quartzite/mafic schist contact.

Recent desktop work by TSC's geology team has focused on looking for evidence of similar fold structures further south along the Illara shear zone. The rationale is these may be dilation zones and, hence, potential sites for significant gold accumulation. While this work has only just begun, it has already identified two promising areas where surface mapping indicates significant folding with the interpreted associated dilation zones exhibiting anomalous gold in soils<sup>7</sup> (Figure 3). These newly identified areas will form priority targets in the next phase of exploration.

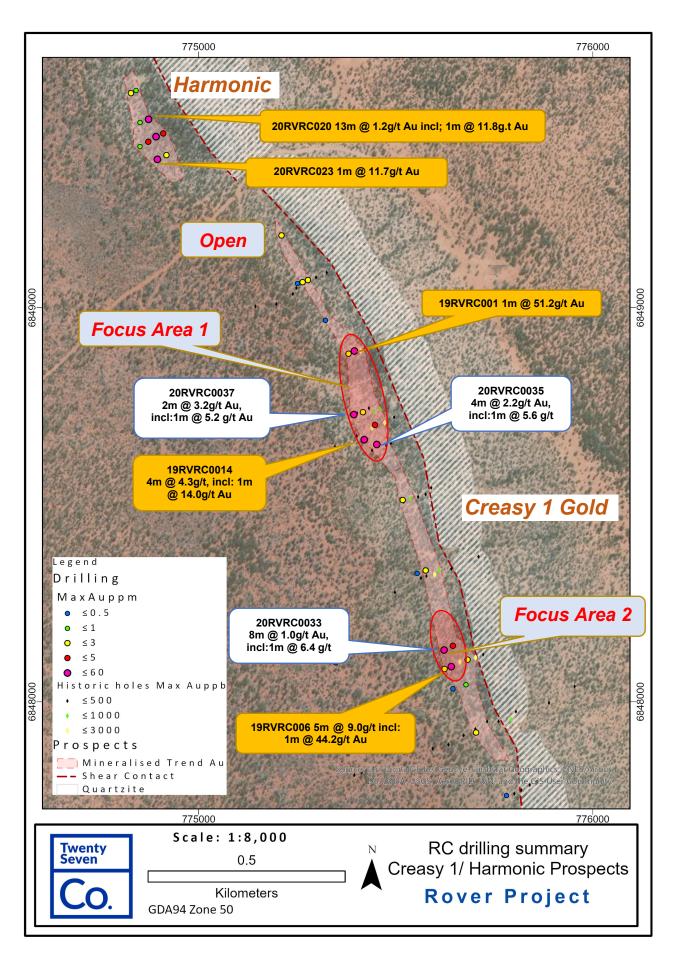
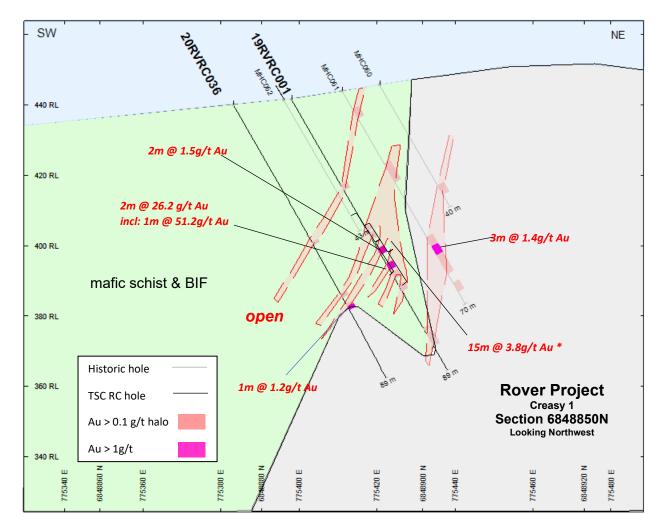


Figure 2: TSC drilling summary showing maximum gold intercept



\*note this intercept contains some internal dilution < 0.1g/t Au

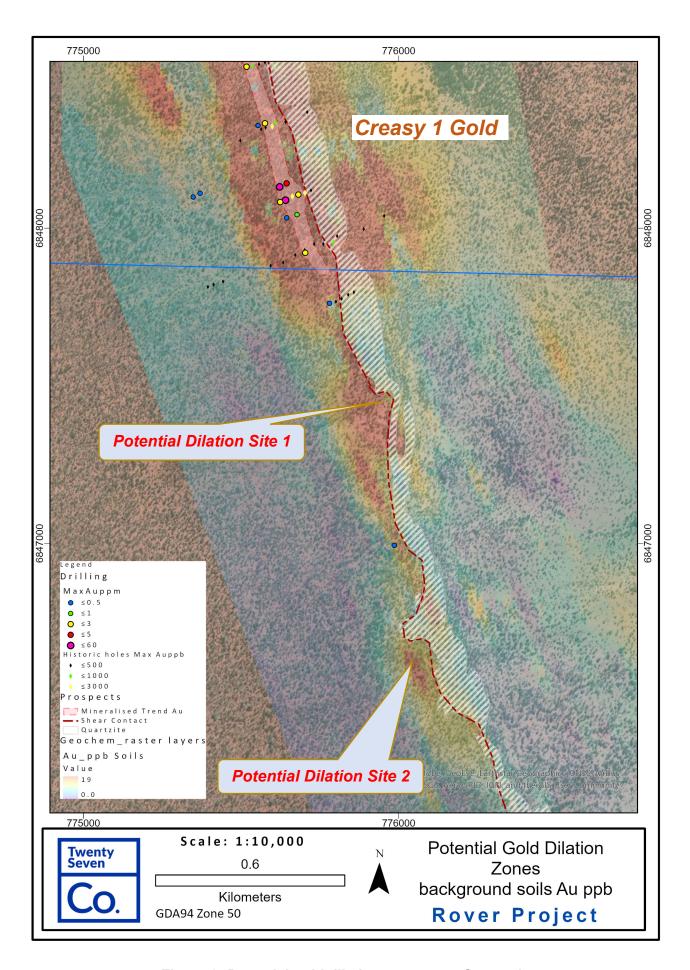


Figure 3: Potential gold dilation areas near Creasy 1

# **Ongoing Exploration and Next Steps**

Exploration at the Rover Project is continuing, with the key activities over the short term being:

- Completion of the drill-testing and assaying eight compelling MLTEM bedrock conductors for VMS-style mineralisation.
- ➤ Further planning followed by drill testing of Creasy 1 and Harmonic prospects and surrounding targets.

The Board of Twenty Seven Co. Limited authorised this announcement to be given to the ASX.

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## **COMPETENT PERSON'S STATEMENT:**

The information in this report that relates to Geological Interpretation and Exploration Results is based on information compiled by Ian Warland, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Warland is employed Twenty Seven Co. Limited. Mr Warland has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Warland consents to the inclusion in the report of the matters based on his information and the form and context in which it appears.

#### Reference: (refer to these announcements for more information on the Rover Project Drilling)

- 1. TSC: ASX 9 December 2019: Standout shallow, high-grade intersections up to 3m @ 20.1 g/t Au at the Rover Project
- 2. TSC:ASX 23 December 2019: High grade shallow gold discovery at Rover Project
- 3. TSC:ASX 13 January 2019: Standout shallow gold intercept, up to 51.2 g/t, and verification of strong VMS potential at Rover, WA
- 4. TSC: ASX 3 February 2020: Re-assays, up to 14g/t gold, enable priority drill targets to be finalised and verify VMS signature at Rover Project
- 5. TSC:ASX 6 April 2020: Drilling extends shallow gold discovery at Harmonic prospect
- TSC:ASX 17 April 2020: Assays verify large, shallow mineralised gold system at Creasy 1
- 7. TSC:ASX 10 Sept 2019: Assays confirm VMS style geology & gold mineralisation at Rover

## **About Twenty Seven Co. Limited**

Twenty Seven Co. (ASX: TSC) is an ASX-listed explorer. In brief, TSC's Australian assets are 100% owned and comprise two tenure groupings detailed briefly as follows:

**WA assets:** TSC's Rover project is located TSC's 140km west of Leonora in a base metals and gold mineral-rich area associated with mafic and ultramafic rocks. Historically the area is underexplored and is currently undergoing a resurgence in exploration.

**NSW assets:** TSC's two NSW projects – Midas and Perseus are targeting the prospective Thackaringa Group Rocks. TSC's Midas Project is located 40km NE of Broken Hill adjacent to Silver City Minerals (ASX: SCI) Yalcowinna Tenement. The Perseus Project is located 20km west of Broken Hill and is north of Alloy Resources (ASX: AYR) Ophara Project and to the east is the adjacent Havilah Resources (HAV.ASX) Kalkaroo Project.

# **APPENDIX A: ASSAY SUMMARY**

Table 1a: Summary of TSC drill assay intervals for TSC Drilling at the Rover project (intercepts > 0.5g/t Au)

Drill Hole ID	Prospect	From (m)	Interval (m)	Au (g/t)	Comment
19RVRC001	Creasy 1	49	2	1.5	
19RVRC001 Creasy 1		54	2	26.2	
includ	ling	54	1	51.2	
19RVRC002	Creasy 1	77	4	0.9	
includ	ling	77	1	2.2	
19RVRC003	Creasy 1	27	34	0.8	
includ	ling	30	2	2.2	
19RVRC004	Creasy 1	73	3	1.0	
includ	ling	73	1	2.5	
19RVRC005	Creasy 1	56	2	0.9	
includ	ling	56	1	1.3	
19RVRC006	Creasy 1	51	5	9.0	
includ		51	1	44.2	
19RVRC011	Creasy 1				NSI
19RVRC012	Creasy 1	91	1	1.3	
19RVRC013	Creasy 1	34	4	1.4	
includ		36	1	3.4	
19RVRC014	Creasy 1	104	4	4.3	
includ		104	1	14.0	
19RVRC015	Creasy 1	104		14.0	NSI
20RVRC024	Creasy 1	37	2	1.0	1431
20RVRC024	Creasy 1	57	8	0.6	
including		57	3	1.3	
20RVRC026	Creasy 1	37	3	1.5	NSI
	Creasy 1				NSI
20RVRC027		46	12	0.6	IVSI
20RVRC028	Creasy 1	46	12	0.6	
includ		46	1	1.6	
includ		49	2	1.4	
20RVRC028	Creasy 1	63	5	0.6	
incluc	-	65	2	1.3	
20RVRC029	Creasy 1	12	1	0.5	
20RVRC029	Creasy 1	19	1	0.8	
20RVRC030	Creasy 1	0.1	_	0.0	
20RVRC031	Creasy 1	81	1	0.8	
20RVRC032	Creasy 1	35	3	1.5	
includ		37	1	3.5	
20RVRC033	Creasy 1	65	8	1.0	
includ		71	1	6.4	
20RVRC034	Creasy 1				NSI
20RVRC035	Creasy 1	56	4	2.2	
20RVRC035	Creasy 1	57	1	5.6	
20RVRC036	Creasy 1	66	1	1.2	
20RVRC037	Creasy 1	105	2	3.2	
includ	ling	106	1	5.2	
20RVRC037 Creasy 1		134	2	1.0	

including		135	1	1.3	
19RVRC007	Harmonic	57	9	1.4	
includ	ding	58	1	7.3	
19RVRC008	Harmonic	19	14	1.0	
includ	ding	26	2	3.3	
19RVRC008	Harmonic	53	1	1.0	
19RVRC008	Harmonic	88	1	1.3	
19RVRC009	Harmonic	16	1	0.8	
19RVRC009	Harmonic	39	1	0.6	
19RVRC010	Harmonic	45	1	1.7	
20RVRC018	Harmonic	0	8	1.0	
includ	ding	2	1	3.5	
20RVRC019	Harmonic	8	3	0.5	
20RVRC020	Harmonic	44	10	1.8	
including	Harmonic	46	1	9.2	
20RVRC020	Harmonic	58	13	1.2	
including	Harmonic	59	1	11.8	
20RVRC021	Harmonic	32	6	0.5	
20RVRC022	Harmonic	27	10	0.5	
includ	including		2	1.2	
20RVRC022	Harmonic	32	1	1	
20RVRC022	Harmonic	43	1	1	
20RVRC023	Harmonic	71	10	1	
includ	ding	75	4	1.5	
20RVRC023	Harmonic	103	1	11.7	

Table 1b: TSC drill collar information for Rover Project (March 202 Drilling)

Drill Hole ID	Prospect	Drill Type	Easting (m)	Northing (m)	RL (m)	Dip (deg)	Azimuth (deg)	Total Depth (m)
20RVRC018	Harmonic	RC	774910	6849442	438	-60	62.1	83
20RVRC019	Harmonic	RC	774851	6849409	430	-60	62.1	100
20RVRC020	Harmonic	RC	774873	6849478	440	-60	67.1	71
20RVRC021	Harmonic	RC	774851	6849470	435	-60	67.1	71
20RVRC022	Harmonic	RC	774918	6849387	434	-60	61.1	71
20RVRC023	Harmonic	RC	774895	6849376	427	-60	55.1	114
20RVRC024	Creasy 1	RC	775210	6849183	435	-60	67.1	65
20RVRC025	Creasy 1	RC	775277	6849070	438	-60	67.1	77
20RVRC026	Creasy 1	RC	775251	6849061	434	-60	67.1	95
20RVRC027	Creasy 1	RC	775781	6847762	444	-60	67.1	119
20RVRC028	Creasy 1	RC	775704	6847922	440	-60	67.1	89
20RVRC029	Creasy 1	RC	775678	6848043	444	-60	67.1	77
20RVRC030	Creasy 1	RC	775645	6848033	438	-60	67.1	80
20RVRC031	Creasy 1	RC	775624	6848083	440	-60	62.1	104
20RVRC032	Creasy 1	RC	775645	6848142	448	-60	67.1	56
20RVRC033	Creasy 1	RC	775623	6848131	442	-60	67.1	77
20RVRC034	Creasy 1	RC	775554	6848326	443	-60	67.1	55
20RVRC035	Creasy 1	RC	775452	6848653	439	-60	67.1	116
20RVRC036	Creasy 1	RC	775380	6848883	441	-60	67.1	89
20RVRC037	Creasy 1	RC	775394	6848729	437	-60	67.1	143

# Notes to Table 1a and 1b

- 1. The dip and strike and the controls on mineralisation are unconfirmed at this stage and the true width of mineralisation remains to be determined
- 2. All drilling is RC, all samples are 3 metre composite samples collected and analysed for gold while individual 1 metre samples will be collected and analysed pending 3m composite results
- 3. g/t (grams per tonne), ppm (parts per million), ppb (parts per billion), NSI (no significant intercept)
- 4. Significant results are shown for intercepts > 0.5g/t Au with no internal dilution
- 5. Hole locations are provided in Table 1b
- 6. Coordinates are in GDA94, MGA zone 50

# TABLE 1: The following tables are provided to ensure compliance with JORC Code (2012) requirements for exploration results for the Rover Project in WA.

# 1.1. Section 1 Sampling Techniques and Data to update

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

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul> <li>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.</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 (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.</li> </ul>	<ul> <li>RC samples are composited at 3m intervals and collected via a cone splitter on the base of the drill cyclone. A sample is also collected for every single metre from the same cone splitter.</li> <li>Samples are split to to~3kg on the drill rig cone splitter</li> <li>A Olympus Delta portable XRF is available at the drill rig to aid geological interpretation. No XRF results are reported for drilling.</li> <li>19RVRC001 was analysed at Bureau Veritas in Perth WA, a ~ 3kg sample was pulverised to produce a 40g charge fire assay with a ICP-AES (FA002) finish for Au, Pt and Pd, a Mixed acid digest with a ICP-MS (MA200) finish was used to assay for Ag, As, Ba, Ca, Cu, Fe, K, Mg, Mn, Mo, Ni, Pb, S, Sc, Zn.</li> <li>All other TSC RC holes were analysed by ALS in Perth, WA. A ~3kg sample was pulverised to produce a 50g charge for fire assay and ICP-AES (ICP22) finish. A four acid digest was used for digestion with a ICP finish (ME-ICP61) to assay for Ag, AL, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, K, La, Mb, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sr, Th, Ti, TI, U, V, W, Zn</li> </ul>
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, facesampling bit or other type, whether core is oriented and if so, by what method, etc).	<ul> <li>TSC RC Drilling Program</li> <li>A UDR650 drill rig, with maximum air 700psi/1100cfm was used to drill holes reported herein.</li> <li>Drilling diameter is 5.75-inch RC hammer.</li> <li>Face sampling bits are used.</li> </ul>
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 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>	<ul> <li>Sample recovery, moisture content and contamination are noted in a Toughbook computer by TSC field personnel.</li> <li>TSC drill contractors and TSC personnel monitor sample recovery, size and moisture, making appropriate adjustments as required to maintain sample quality, such as using compressed air to keep samples dry.</li> <li>A cone splitter is mounted beneath the cyclone to ensure representative samples are collected.</li> <li>The cyclone and cone splitter are cleaned as necessary to minimise contamination.</li> <li>No significant sample loss, contamination or bias has been noted in the current drilling.</li> </ul>

Criteria	JORC Code explanation	Commentary
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.	<ul> <li>Logging of lithology, structure, alteration, veining, mineralisation, weathering, colour and other features of the RC chips is undertaken for every 1m samples drilled</li> <li>The level of logging is considered appropriate for early exploration.</li> </ul>
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	<ul> <li>Logging of lithology, structure, alteration, veining, mineralisation, weathering, colour and other features of the RC chips is qualitative and undertaken on a routine basis. Data is logged into a Toughbook on site and backed up each day.</li> <li>All drill samples are measured for magnetic susceptibility and analysed on-site using a portable XRF instrument, with these logs quantitative.</li> <li>Representative 1m RC chip samples are sieved, washed and collected and stored in chip trays for all TSC drill holes. All chip trays are photographed for reference.</li> </ul>
	The total length and percentage of the relevant intersections logged.	Every metre sample of RC drilling is logged by the geologist on site. For each metre RC chips are sieved and washed before logging by TSC geologist.
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>RC samples are collected at 3m and 1m intervals via the cone splitter underneath the cyclone on the drill rig.</li> <li>Sample preparation is undertaken at the laboratory.</li> <li>For 19RVRC001 Bureau Veritas in Perth WA, use method PR001 and PR00, dry the 3kg sample and pulverise to 95% passing 106 microns.</li> <li>For the other TSC RC holes ALS in Perth WA, use method PUL23 samples to 3kg are pulverised to 85% passing 75 microns.</li> <li>TSC field QC procedure include the use of certified reference standards (1:100), duplicates (1:50), blanks (1:100) at appropriate interval considered for early exploration stage. High, low and medium gold and base metal standards are used.</li> <li>Both laboratories introduce QAQC samples and complete duplicate check assays on a routine basis</li> <li>Duplicates are collected by TSC personnel with the use of a riffle splitter.</li> <li>Field QC is checked after analysis.</li> <li>Sample size is considered appropriate to the material sampled.</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</li> </ul>	Bureau Veritas and ALS laboratories are both registered laboratories.  Internal certified laboratory QAQC is undertaken including check samples, blanks and internal standards.  The methods are considered appropriate for base metal and gold mineralisation at the exploration phase.  No geophysical results are reported in this

Criteria	JORC Code explanation	Commentary
	adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.	release.  TSC field QC procedure include the use of certified reference standards (1:100), duplicates (1:50), blanks (1:100) at appropriate interval considered for early exploration stage. High, low and medium gold and base metal standards are used.  Field QC is checked after analysis.
Verification of sampling and	The verification of significant intersections by either independent or alternative company personnel.  The use of twinned holes.	<ul> <li>Due to the early stage of exploration no verification of significant results has been completed at this time.</li> <li>No twin drilling has been conducted by TSC</li> </ul>
assaying	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	<ul> <li>All drilling data is collected in a series of templates in excel including geological logging, sample information, collar and survey information.</li> <li>All data is digitally recorded in the company's electronic database.</li> </ul>
	Discuss any adjustment to assay data.	No adjustments are made to the assay data recorded.
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>TSC drill hole collars are recorded by handheld GPS with accuracy of +/- 3m.</li> <li>The drill collar is located with a handheld gps, then orientated with a handheld compass for azimuth, and a clinometer for drill dip.</li> <li>TSC uses procedure to achieve an accurate azimuth for hole set up including adjusting for magnetic declination and grid convergence.</li> <li>Downhole surveys have been undertaken every 60m with a digital downhole camera within the rods. Azimuth is unreliable and dip is reliable. No significant hole deviation was encountered.</li> <li>UTM Grid GDA94 Zone 50.</li> <li>Topographic control is via handheld GPS to +/- 3m accuracy and appropriate for this level of regional exploration.</li> </ul>
Data spacing and distribution	Data spacing for reporting of Exploration Results.	Variable hole spacing is used to adequately test targets and considered appropriate for early stage exploration.
	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.	Drill hole spacing is appropriate for regional exploration results
	Whether sample compositing has been applied.	3m compositing of samples was done via a cone splitter attached to the cyclone on the drill rig.

Criteria	JORC Code explanation	Commentary
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>Dill holes were orientated at 65 degrees which is perpendicular to the strike of the geology and expected strike of the mineralisation.</li> <li>The dip of the drill holes is -60 degrees which is thought to be appropriate for early stage exploration. The orientation of the mineralisation is not confirmed at this stage.</li> <li>No orientation sampling bias is known at this time.</li> </ul>
Sample security	The measures taken to ensure sample security.	<ul> <li>Chain of custody is managed by TSC personnel. Samples are collected at the drill rig in numbered calico bags, the details of each sample is recorded by TSC personnel in the Toughbook computer.</li> <li>Samples are bagged into labelled polyweave bags and transported by TSC personnel to the laboratories in Kalgoorlie WA, who then send them onto Perth WA for analysis. A sample submission form is sent to the lab outlining the sample numbers and requested sample preparation and analysis.</li> <li>Registered laboratories use industry standard procedures to maintain sample security at the laboratory.</li> </ul>
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No audits or reviews undertaken.

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.	<ul> <li>The tenement referred to in this release is E57/1085 is owned by TSC Exploration Pty Ltd, a wholly owned subsidiary of Twenty Seven Co. Limited.</li> <li>E57/1085 was granted on 12/12/2018 and consists of 70 blocks.</li> <li>Tenement E57/1120 was granted on 16/9/19 to Twenty Seven Co. Limited.</li> <li>Tenement E57/1134 is in application and owned by TSC Exploration Pty Ltd a wholly owned subsidiary of Twenty Seven Co. Limited.</li> </ul>
	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 tenements are secure under WA legislation.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	<ul> <li>Rover Project, WA – The historic tenure reports indicated that:</li> <li>Austminex NL held the historic tenement EL57/223, E7/224 E57/357 between 1996 and 1998. During that time the Bulga Downs Project consisted of; regolith mapping, laterite sampling, soil sampling, rock chip sampling, RAB drilling, aero-magnetics.</li> <li>Mindax limited held the historic tenement E29/534 between 20 November 2004 and 19 November 2008. During that time the Bulga</li> </ul>

Criteria	JORC Code explanation	Commentary
		Downs Project consisted of; soil sampling, airborne magnetic-radiometric, rock chip sampling and RC drilling.  ❖ Mindax limited held the historic tenement E29/533 between 21 February 2005 and 15 November 2010. During that time the Bulga Downs Project consisted of; aeromagnetic survey, soil sampling, rock chip sampling and RC drilling.  ❖ Mindax Limited held historic tenement E57/551 from 2003 to 2008. Work completed included soil and rock chip sampling, RAB / RC drilling.  ❖ Cliffs Asia Pacific Iron Ore Pty Limited held the historic tenement E57/803-I between 31 May 2010 and 25th June 2014. During that time the Maynard Project consisted of; RC drilling, geological mapping and rock chip sampling tenements.
Geology	Deposit type, geological setting and style of mineralisation.	Rover Project, WA – The historic tenure reports indicated that:  The Rover Project is located in southern Western Australia within the Archean Yilgarn Craton and prospective for both laterite and sulphide hosted mineralisation, over a probable depth range of 0-30m. The Greenstone belts of the craton are well known for gold, and contain other mineralisation, these are dominantly north-south belts within the granitic craton. The project area contains greenstones, laterites and dykes associated with known mineralisation. Geophysical anomaly, laboratory analytical results and borehole lithological logs in the project area reveal Co-Ni laterite mineralisation. In addition, the project has potential for sulphide hosted mineralisation, historic exploration dominantly focused on the nickel component of the sulphides over a minimum depth range of 30-50m. The tenure is located near St George Mining's (SQQ) Mt Alexander project and Saracen Mineral's (SAR) Sinclair project and operational nickel sulphides mines, which host cobalt sulphide mineralisation, up to depths of 200m.
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> <li>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</li> </ul> </li> </ul>	For TSC RC Drilling reported refer to this release Table 1a and b

Criteria	JORC Code explanation	Commentary
	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 (eg 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> </ul>	No averaging or sample aggregation has been conducted for this release.
	<ul> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	No metal equivalents used.
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 (eg 'down hole length, true width not known').</li> </ul>	<ul> <li>Mineralisation orientation and dip is not yet confirmed due to the early stage of exploration.</li> <li>Drilling designed to test the mineralised target perpendicular to strike.</li> </ul>
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 main body of this release.
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.	<ul> <li>The reporting is considered balanced.</li> <li>Higher grade historical intervals are reported in this release to highlight areas of priority follow-up.</li> <li>Lower grade but anomalous gold (&gt;0.1g/t Au) has been reported along with the higher-grade intercepts and considered balanced reporting by the competent person.</li> </ul>
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	Considerable historic work was completed with mapping sampling and geophysics. TSC have reported on historic work in the past and referenced previous releases where appropriate.

Criteria	JORC Code explanation	Commentary
	substances.	
Further work	The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).	Early stage exploration and follow-up of identified gold, and base metal anomalies including additional interpretation of geophysical data, reviews and assessments of regional targets and infill geochemical sampling of ranked anomalies in preparation for future drill testing.
	Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	Refer to figures in this report.