

9 June 2021

## FURTHER SIGNIFICANT GOLD MINERALISATION INTERSECTED AT MORCK WELL JV PROJECT

- Air Core drilling continues with 175 holes completed for 13,506 metres this quarter
- Significant gold results from regional 800 x 100m-spaced, infill Air Core drilling completed since the last quarterly update include:
  - *15m @ 1.03g/t Au from 100m incl 10m @ 1.27g/t Au from 100m – MWAC3749*
  - *5m @ 1.44g/t Au from 45m – MWAC3883B*
  - *5m @ 0.64g/t Au from 25m – MWAC3883B*
  - *5m @ 0.13% Cu from 110m – MWAC3782*
- Latest results are 800m along strike from previous high-grade intersections of 5m at 4.76 g/t Au from 70m (MWAC2682) and 10m at 1.25 g/t Au from 110m (MWAC679)\*
- Results demonstrate a potential 5.6km trend of significant gold mineralisation to be hosted in the west of the project area - including 1.7km which extends into Auris' 100%-owned Feather Cap Project
- ~125 Air Core drill holes remain to be drilled by Sandfire in the current program
- Additional infill Air Core drilling to 400m line spacing planned to evaluate significant results
- Further exploration programs planned for several priority targets within Auris' Bryah Basin portfolio – including Feather Cap and Forrest

Gold and Base Metals explorer Auris Minerals Limited (“Auris” or “the Company”) (ASX: AUR) is pleased to provide the following update on exploration completed by Sandfire Resources Limited (“Sandfire”; ASX: SFR) at the Morck Well Joint Venture Project (“Morck Well”) located in the Bryah Basin, Western Australia.

Significant gold mineralisation has been returned from regional Air Core drilling completed at a drill spacing of 800m x 100m at Morck Well. **A maximum result of 15m @ 1.03g/t Au from 100m including 10m @ 1.27g/t Au from 100m (MWAC3749) has been returned from recent drilling completed in the west of the project area.**

Previous Air Core drilling completed by Sandfire, along strike to the east and west of the recently defined mineralisation, returned significant gold mineralisation, including **5m @ 4.76g/t Au from 70m** (MWAC2682) and **10m @ 1.25g/t Au from 110m** (MWAC2679), (Refer ASX announcement 23 October 2020). Regional Air Core drilling completed in the west of the project area has highlighted a 2.6km trend of significant gold mineralisation which will be further evaluated by infill Air Core drilling, prior to a potential RC drilling campaign.

\* - Refer ASX Announcement 23 October 2020

Immediately to the west of the Morck Well Project, sits Auris' 100% owned Feather Cap Project, where drilling during December 2020 returned an encouraging result of **4m @ 0.69g/t Au from 141m including 2m @ 1.26g/t Au from 142m** (DEAC0009 – Refer ASX Announcement 28 January 2021). This intersection is interpreted to be located along strike from the Durack resource to the west and significant Air Core intersections within previous Sandfire drilling in the Morck Well JV to the east.

In summary, all Air Core drilling at Durack East and within Morck Well, completed by Auris and Sandfire respectively, has identified significant mineralisation along interpreted trends over a potential strike extent of approximately 5.6km, which require further evaluation via infill AC drilling. Auris plans to complete Air Core drilling along the 2.2km prospective trend which extends into the Company's Feather Cap Project to further evaluate this gold potential. This drilling is expected to commence in Q3 2021.

In addition, infill Air Core drilling at 400m line spacings is planned throughout the Morck Well JV to further evaluate gold and/or base metal mineralisation highlighted by the regional Air Core drilling. Initial infill Air Core drilling will focus on priority targets which includes the 3.4km gold mineralised trend in the west of the project area, and the high-grade gold mineralisation intersected in March 2020, which includes a maximum result of **7m at 6.09 g/t Au from 48m including 3m at 10.6 g/t Au from 49m** (MWAC2225 – Refer ASX Announcement 17 July 2020) which remains open along strike to northeast and southwest for 800 metres.

The commencement of the 400m spaced infill Air Core drilling is dependent on heritage clearance of the drill lines. Heritage surveying is expected to commence early in June 2021.

**Auris Managing Director, Mike Hendriks, commented:** "We continue to be very encouraged by these intersections from Morck Well, which indicate the presence of a 5.6km trend of gold anomalism. This includes a 2.2km strike which extends into our 100% owned Feather Cap Project. The Durack East trend is also along strike from Westgold's 112,000oz gold resource which further highlights the prospectivity of the area. As a result, we are preparing to undertake a follow-up exploration campaign to test this extension at Durack East. We look forward to reporting on Sandfire's ongoing aggressive drill programme at Morck Well and the commencement of our drilling at Feather Cap and Durack East as soon as necessary Heritage clearances are obtained."

#### **Morck Well JV Project Summary**

In February 2018, Auris entered a Farm-in Agreement with SFR in relation to the Morck Well and Doolgunna Projects which covers ~430km<sup>2</sup>. The Morck Well project is strategically located from ~22km to the south-west of SFR's DeGrussa Copper Mine in Western Australia.

#### **Air Core Drilling Programme Summary**

Regional Air Core (AC) drilling continued within the Morck Well JV since the March quarter update, with a total of 175 holes completed for 13,506 metres (MWAC3857-MWAC4022), Appendix 1, Figure 1).

Since the last quarterly update, results have been received for a total of 257 Air Core drill holes (MWAC3634 – MWAC3890) and results pending for 152 holes (MWAC3248 – MWAC3259, MWAC3591 – MWAC33600, MWAC3891 – MWAC4029).

**All significant results received are listed in Table 1.**

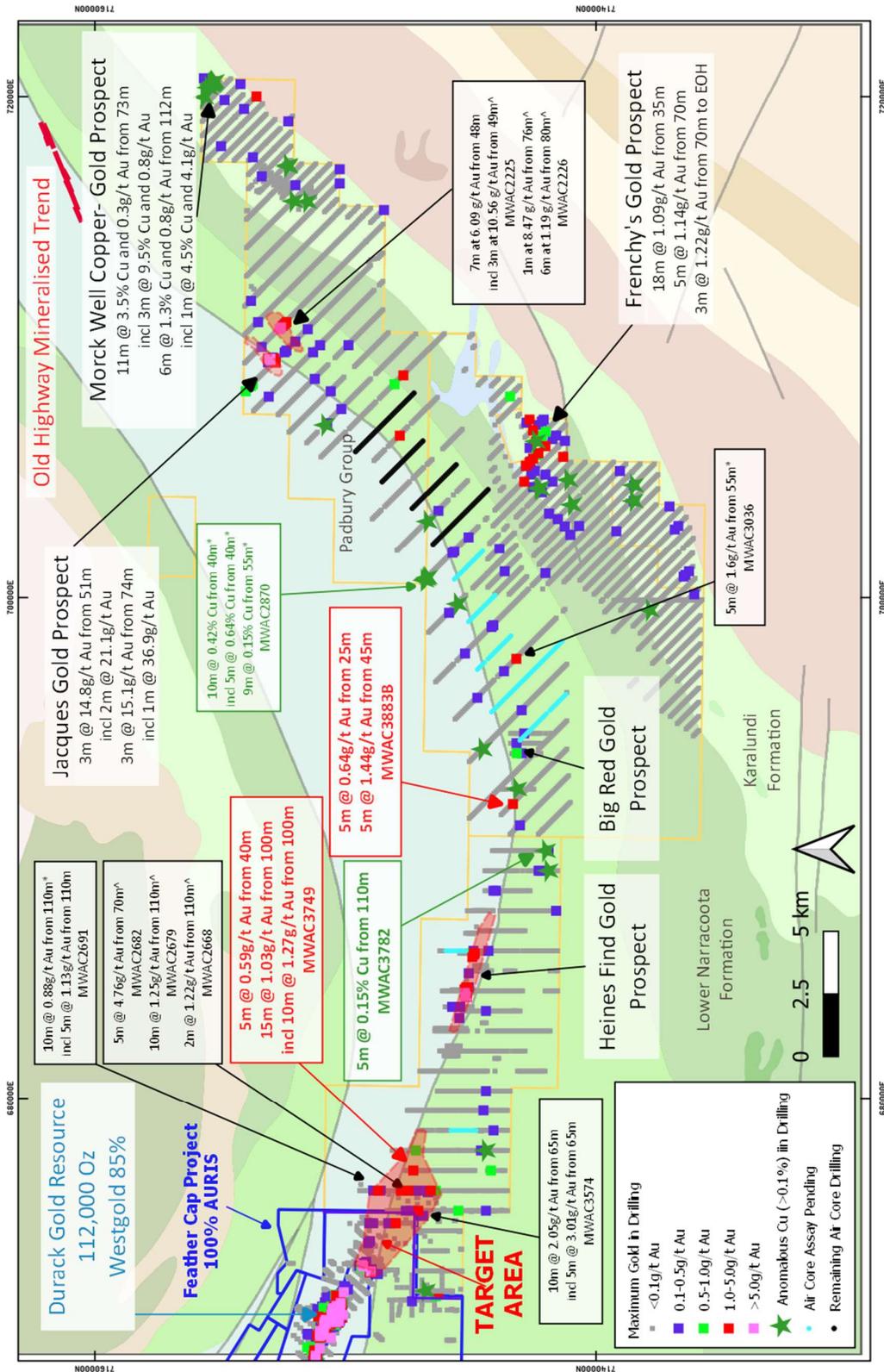


Figure 1. Morck Well Project Summary Geology and Drilling Plan showing extent of drilling completed and 800m spaced Air Core drilling remaining. Significant gold results reported in this release in bold red, significant copper results reported in this release in bold green

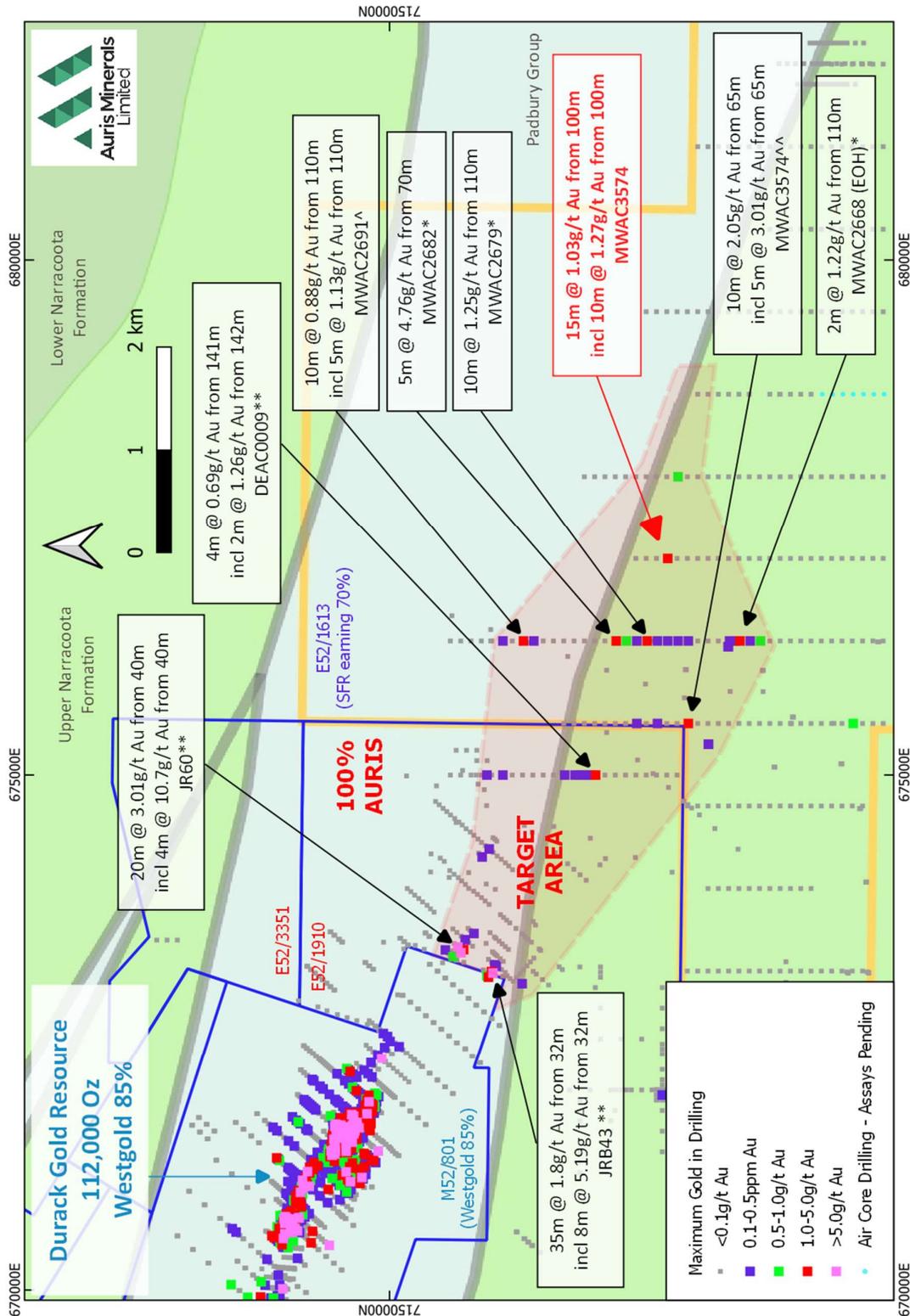


Figure 2. Drilling Summary Plan - Morck Well West.  
Significant gold results reported in this release in red

- Notes - Durack Gold Resource – Refer WGX announcement dated 4 September 2017  
 \* - Refer ASX announcements 23 October 2020  
 \*\* - Refer ASX announcement 28 October 2020  
 \*\*\* - Refer ASX announcement 28 January 2021  
 ^ - Refer ASX announcement 17 July 2020  
 ^^ - Refer ASX announcement 20 April 2020

**Table 1. Significant composite intervals returned from infill Air Core Morck Well JV AC**

Hole ID	From (m)	To (m)	Interval (m)	Intersection			
				Cu (ppm)	Au (ppm)	Zn (ppm)	Pb (ppm)
MWAC3749	40	45	5	28	0.59	13	18
	<b>100</b>	<b>115</b>	<b>15</b>	<b>65</b>	<b>1.03</b>	<b>43</b>	<b>24</b>
	<b>100</b>	<b>110</b>	<b>10</b>	<b>81</b>	<b>1.27</b>	<b>54</b>	<b>29</b>
MWAC3782	110	115	5	1480	<0.01	113	34
MWAC3883B	25	30	5	124	0.64	12	20
	<b>45</b>	<b>50</b>	<b>5</b>	<b>185</b>	<b>1.44</b>	<b>93</b>	<b>4</b>

-ENDS-

For and on behalf of the Board.

Mike Hendriks  
 Managing Director

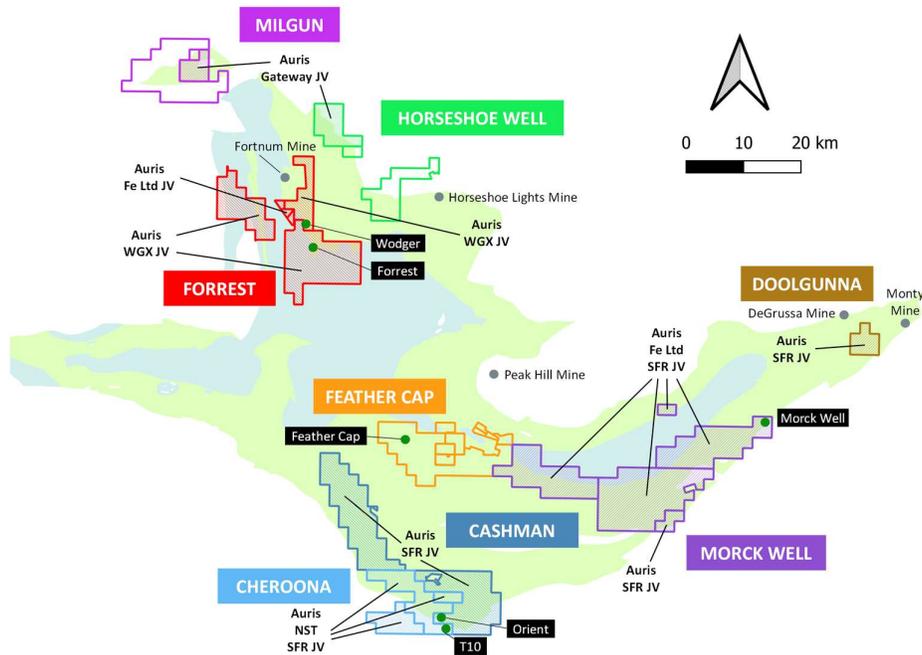
For further information please contact:

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 Managing Director  
 Ph: 08 6109 4333

**ABOUT AURIS MINERALS LIMITED**

Auris is exploring for base metals and gold in the Bryah Basin of Western Australia. Auris has consolidated a tenement portfolio of 1,369km<sup>2</sup>, which is divided into eight well-defined project areas: Forrest, Cashman, Cheroona, Doolgunna, Morck Well, Feather Cap, Milgun and Horseshoe Well, (Figure 3).

In February 2018, Auris entered a Farm-in Agreement with Sandfire in relation to the Morck Well and Doolgunna Projects which covers ~430km<sup>2</sup> (the Morck Well JV). During September 2019, Auris entered into a Farm-in with Sandfire in relation to the Cashman Project tenements, E51/1053 and E51/1120, (the Cashman JV). On 4 February 2020 Auris and Northern Star Resources Limited (NST) entered into a Farm-in with Sandfire in relation to the Cheroona Project tenements, E51/1391, E51/1837 and E51/1838, (the Cheroona JV). Sandfire has the right to earn a 70% interest in each of above projects upon completion of a Feasibility Study on a discovery of not less than 50,000t contained copper (or metal equivalent) on the project. Auris manages exploration on all other tenements, including those that are subject to arrangements with third parties.



**Figure 3: Auris' copper-gold exploration tenement portfolio, with Sandfire (SFR), Northern Star (NST), Westgold (WGX), Fe Ltd and Gateway JV areas indicated**

**Notes:**

1. The Forrest Project tenements E52/1659 and E52/1671 have the following outside interests:
  - Auris 80%; Westgold Resources Ltd 20% (ASX:WGX). Westgold Resources Ltd interest is free carried until a Decision to Mine
  - Westgold Resources Ltd own the gold rights over the Auris interest.
2. The Forrest Project tenement P52/1493 have the following outside interests:
  - Westgold Resources Ltd own the gold rights over the Auris interest.
3. The Forrest Project tenements P52/1494-1496 have the following outside interests:
  - Auris 80%; Fe Ltd 20% (ASX:FEL). Fe Ltd interest is free carried until a Decision to Mine
4. The Cheroona Project tenements E51/1391, E51/1837-38 have the following outside interests:
  - Auris 70%; Northern Star Resources Ltd 30% (ASX:NST)
5. The Horseshoe Well Project tenement E52/3291 has the following outside interests:
  - Auris 85%; Gateway Projects WA Pty Ltd (formerly OMNI Projects Pty Ltd) 15% (Gateway Projects free carried until a Decision to Mine)
6. The Milgun Project tenement E52/3248 has the following outside interests:
  - Auris 85%; Gateway Projects WA Pty Ltd (formerly OMNI Projects Pty Ltd) 15% (Gateway Projects free carried until a Decision to Mine)
7. The Morck Well Project tenements E51/1033, E52/1613 and E52/1672 have the following outside interests:
  - Auris 80%; Fe Ltd 20% (ASX:FEL). Fe Ltd interest is free carried until a Decision to Mine

### **Competent Person's Statement**

Information in this announcement that relates to exploration results is based on and fairly represents information and supporting documentation prepared and compiled by Mr Matthew Svensson, who is a Member of the Australian Institute of Geoscientists. Mr Svensson is Exploration Manager for Auris Minerals Limited. Mr Svensson has sufficient experience, which is relevant to the style of mineralisation 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 Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves. Mr Svensson consents to the inclusion in the announcement of the matters based on this information in the form and context in which it appears.

### **No New Information**

Except where explicitly stated, this announcement contains references to prior exploration results and Mineral Resource estimates, all of which have been cross-referenced to previous market announcements made by the Company. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements and, in the case of estimates of Mineral Resources that all material assumptions and technical parameters underpinning the results and/or estimates in the relevant market announcement continue to apply and have not materially changed.

### **Forward Looking Statements**

This announcement has been prepared by Auris Minerals Limited. This document contains background information about Auris Minerals Limited and its related entities current at the date of this announcement. This is in summary form and does not purport to be all inclusive or complete. Recipients should conduct their own investigations and perform their own analysis in order to satisfy themselves as to the accuracy and completeness of the information, statements and opinions contained in this announcement. This announcement is for information purposes only. Neither this document nor the information contained in it constitutes an offer, invitation, solicitation or recommendation in relation to the purchase or sale of shares in any jurisdiction.

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Any forward-looking statements in this announcement speak only at the date of issue of this announcement. Subject to any continuing obligations under applicable law and ASX Listing Rules, Auris Minerals Limited does not undertake any obligation to update or revise any information or any of the forward-looking statements in this document or any changes in events, conditions or circumstances on which any such forward-looking statement is based.

Appendix 1  
Drill Hole Collars Details

Hole ID	Hole Type	Total Depth	Easting (MGA94_Z51)	Northing (MGA94_Z51)	RL (m)	Dip	Azimuth	Tenement
MWAC3857	AC	94	688300	7144000	539.2	-60	180	E52/1613
MWAC3858	AC	152	688300	7144100	538.21	-60	180	E52/1613
MWAC3859	AC	132	688300	7144200	537.76	-60	180	E52/1613
MWAC3860	AC	147	688300	7144300	537.06	-60	180	E52/1613
MWAC3861	AC	165	688300	7144400	536.4	-60	180	E52/1613
MWAC3862	AC	129	688300	7143983	526	-60	180	E52/1613
MWAC3863	AC	28	693174.369	7141913.856	529.45	-60	135	E51/1033
MWAC3864	AC	25	693103.658	7141984.567	529.42	-60	135	E51/1033
MWAC3865	AC	16	693032.947	7142055.278	529.39	-60	135	E51/1033
MWAC3866	AC	17	692962.237	7142125.988	529.38	-60	135	E51/1033
MWAC3867	AC	12	692891.526	7142196.699	529.36	-60	135	E51/1033
MWAC3868	AC	37	692820.815	7142267.41	529.33	-60	135	E51/1033
MWAC3869A	AC	36	692750.105	7142338.12	529.31	-60	135	E51/1033
MWAC3869B	AC	64	692755	7142333	500	-60	135	E51/1033
MWAC3870	AC	43	692679.394	7142408.831	529.3	-60	135	E51/1033
MWAC3871	AC	93	692608.683	7142479.542	529.28	-60	135	E51/1033
MWAC3872	AC	130	692537.973	7142550.253	529.26	-60	135	E51/1033
MWAC3873	AC	35	692467.262	7142620.963	529.24	-60	135	E51/1033
MWAC3874	AC	84	692396.551	7142691.674	529.22	-60	135	E51/1033
MWAC3875	AC	128	692325.841	7142762.385	529.21	-60	135	E51/1033
MWAC3876	AC	165	692255.13	7142833.095	529.19	-60	135	E51/1033
MWAC3877	AC	126	692184.419	7142903.806	529.19	-60	135	E51/1033
MWAC3878	AC	144	692113.708	7142974.517	529.39	-60	135	E51/1033
MWAC3879	AC	165	692042.998	7143045.227	529.62	-60	135	E51/1033
MWAC3880	AC	154	691972.287	7143115.938	529.84	-60	135	E51/1033
MWAC3881	AC	151	691901.576	7143186.649	529.85	-60	135	E51/1033
MWAC3882	AC	103	691830.866	7143257.359	529.88	-60	135	E51/1033
MWAC3883A	AC	24	691760.155	7143328.07	529.92	-60	135	E51/1033
MWAC3883B	AC	64	691763.501	7143324.175	490.71	-60	135	E51/1033
MWAC3884	AC	121	691689.444	7143398.781	529.94	-60	135	E51/1033
MWAC3885	AC	99	691618.734	7143469.491	529.94	-60	135	E51/1033
MWAC3886	AC	90	691548.023	7143540.202	529.94	-60	135	E51/1033
MWAC3887	AC	90	691477.312	7143610.913	529.94	-60	135	E51/1033
MWAC3888	AC	90	691406.602	7143681.623	529.97	-60	135	E51/1033
MWAC3889	AC	81	691335.891	7143752.334	530.33	-60	135	E51/1033
MWAC3890	AC	55	696214.928	7141136.039	532.25	-60	135	E51/1033
MWAC3891	AC	21	696144.217	7141206.75	532.39	-60	135	E51/1033
MWAC3892	AC	33	696073.506	7141277.46	532.52	-60	135	E51/1033
MWAC3893	AC	89	696002.796	7141348.171	532.66	-60	135	E51/1033
MWAC3894	AC	19	695932.085	7141418.882	532.79	-60	135	E51/1033
MWAC3895	AC	22	695861.374	7141489.592	532.93	-60	135	E51/1033
MWAC3896	AC	22	695790.664	7141560.303	533.05	-60	135	E51/1033
MWAC3897	AC	22	695719.953	7141631.014	533.15	-60	135	E51/1033
MWAC3898	AC	35	695649.242	7141701.724	533.24	-60	135	E51/1033
MWAC3899	AC	37	695578.532	7141772.435	533.32	-60	135	E51/1033
MWAC3900	AC	51	695507.821	7141843.146	533.39	-60	135	E51/1033
MWAC3901	AC	9	695366.4	7141984.567	533.57	-60	135	E51/1033
MWAC3902	AC	5	695295.689	7142055.278	533.61	-60	135	E51/1033
MWAC3903	AC	13	695224.978	7142125.988	533.72	-60	135	E51/1033
MWAC3904	AC	16	695154.268	7142196.699	533.83	-60	135	E51/1033
MWAC3905	AC	13	695083.557	7142267.41	533.95	-60	135	E51/1033
MWAC3906	AC	14	695012.846	7142338.12	534.01	-60	135	E51/1033
MWAC3907	AC	42	694942.136	7142408.831	534.01	-60	135	E51/1033
MWAC3908	AC	22	694871.425	7142479.542	534	-60	135	E51/1033
MWAC3909	AC	9	694800.714	7142550.253	533.99	-60	135	E51/1033
MWAC3910	AC	4	694730.004	7142620.963	533.97	-60	135	E51/1033
MWAC3911	AC	16	694659.293	7142691.674	533.97	-60	135	E51/1033
MWAC3912	AC	32	694588.582	7142762.385	533.97	-60	135	E51/1033

Hole ID	Hole Type	Total Depth	Easting (MGA94_Z51)	Northing (MGA94_Z51)	RL (m)	Dip	Azimuth	Tenement
MWAC3913	AC	61	694517.872	7142833.095	533.96	-60	135	E51/1033
MWAC3914	AC	62	694447.161	7142903.806	533.95	-60	135	E51/1033
MWAC3915	AC	107	694376.45	7142974.517	533.94	-60	135	E51/1033
MWAC3916	AC	159	694305.74	7143045.227	533.94	-60	135	E51/1033
MWAC3917	AC	138	694235.029	7143115.938	533.92	-60	135	E51/1033
MWAC3918	AC	89	694164.318	7143186.649	533.91	-60	135	E51/1033
MWAC3919	AC	106	694093.607	7143257.359	533.91	-60	135	E51/1033
MWAC3920	AC	105	694022.897	7143328.07	533.9	-60	135	E51/1033
MWAC3921	AC	148	693952.186	7143398.781	533.88	-60	135	E51/1033
MWAC3922	AC	125	693881.475	7143469.491	533.86	-60	135	E51/1033
MWAC3923	AC	112	693810.765	7143540.202	533.85	-60	135	E51/1033
MWAC3924	AC	165	693740.054	7143610.913	533.83	-60	135	E51/1033
MWAC3925	AC	165	693669.343	7143681.623	533.81	-60	135	E51/1033
MWAC3926	AC	51	698477.67	7141136.039	531.78	-60	135	E51/1033
MWAC3927	AC	72	698406.959	7141206.75	531.88	-60	135	E51/1033
MWAC3928	AC	46	698336.248	7141277.46	531.98	-60	135	E51/1033
MWAC3929	AC	10	698265.537	7141348.171	532.16	-60	135	E51/1033
MWAC3930	AC	58	698194.827	7141418.882	532.31	-60	135	E51/1033
MWAC3931	AC	79	698124.116	7141489.592	532.44	-60	135	E51/1033
MWAC3932	AC	70	698053.405	7141560.303	532.56	-60	135	E51/1033
MWAC3933	AC	49	697982.695	7141631.014	532.88	-60	135	E51/1033
MWAC3934	AC	25	697911.984	7141701.724	533.3	-60	135	E51/1033
MWAC3935	AC	49	697841.273	7141772.435	533.48	-60	135	E51/1033
MWAC3936	AC	66	697770.563	7141843.146	533.6	-60	135	E51/1033
MWAC3937	AC	65	697699.852	7141913.856	533.73	-60	135	E51/1033
MWAC3938	AC	30	697629.141	7141984.567	533.87	-60	135	E51/1033
MWAC3939	AC	32	697558.431	7142055.278	534	-60	135	E51/1033
MWAC3940	AC	25	697487.72	7142125.988	534.1	-60	135	E51/1033
MWAC3941	AC	59	697417.009	7142196.699	534.19	-60	135	E51/1033
MWAC3942	AC	63	697346.299	7142267.41	534.28	-60	135	E51/1033
MWAC3943	AC	46	697275.588	7142338.12	534.39	-60	135	E51/1033
MWAC3944	AC	42	697204.877	7142408.831	534.58	-60	135	E51/1033
MWAC3945	AC	55	697134.167	7142479.542	534.77	-60	135	E51/1033
MWAC3946	AC	41	697063.456	7142550.253	534.95	-60	135	E51/1033
MWAC3947	AC	55	696992.745	7142620.963	535.04	-60	135	E51/1033
MWAC3948	AC	57	696922.035	7142691.674	535.12	-60	135	E51/1033
MWAC3949	AC	36	696851.324	7142762.385	535.16	-60	135	E51/1033
MWAC3950	AC	18	696780.613	7142833.095	535.2	-60	135	E51/1033
MWAC3951	AC	33	696709.903	7142903.806	535.38	-60	135	E51/1033
MWAC3952	AC	18	696639.192	7142974.517	535.6	-60	135	E51/1033
MWAC3953	AC	54	696568.481	7143045.227	535.83	-60	135	E51/1033
MWAC3954	AC	106	696497.771	7143115.938	536.08	-60	135	E51/1033
MWAC3955	AC	24	696427.06	7143186.649	536.07	-60	135	E51/1033
MWAC3956	AC	16	696356.349	7143257.359	536.05	-60	135	E51/1033
MWAC3957	AC	105	696285.639	7143328.07	536.05	-60	135	E51/1033
MWAC3958	AC	69	696214.928	7143398.781	536.04	-60	135	E51/1033
MWAC3959	AC	73	696144.217	7143469.491	536.04	-60	135	E51/1033
MWAC3960	AC	94	696073.506	7143540.202	536.03	-60	135	E51/1033
MWAC3961	AC	81	696002.796	7143610.913	536.01	-60	135	E51/1033
MWAC3962	AC	126	695932.085	7143681.623	536.01	-60	135	E51/1033
MWAC3963	AC	111	695861.374	7143752.334	536.01	-60	135	E51/1033
MWAC3964	AC	153	695790.664	7143823.045	536.01	-60	135	E51/1033
MWAC3965	AC	162	695719.953	7143893.755	536.01	-60	135	E51/1033
MWAC3966	AC	165	695649.242	7143964.466	536.21	-60	135	E51/1033
MWAC3967	AC	165	695578.532	7144035.177	536.43	-60	135	E51/1033
MWAC3968	AC	113	695507.821	7144105.887	536.53	-60	135	E51/1033
MWAC3969	AC	165	695437.11	7144176.598	536.61	-60	135	E51/1033
MWAC3970	AC	37	698477.67	7143398.781	535.35	-60	135	E51/1033
MWAC3971	AC	26	698406.959	7143469.491	535.82	-60	135	E51/1033
MWAC3972	AC	13	698336.248	7143540.202	536.04	-60	135	E51/1033

Hole ID	Hole Type	Total Depth	Easting (MGA94_Z51)	Northing (MGA94_Z51)	RL (m)	Dip	Azimuth	Tenement
MWAC3973	AC	52	698265.537	7143610.913	536	-60	135	E51/1033
MWAC3974	AC	21	698194.827	7143681.623	536	-60	135	E51/1033
MWAC3975	AC	21	698124.116	7143752.334	536.03	-60	135	E51/1033
MWAC3976	AC	28	698053.405	7143823.045	536.06	-60	135	E51/1033
MWAC3977	AC	106	697982.695	7143893.755	536.09	-60	135	E51/1033
MWAC3978	AC	116	697911.984	7143964.466	536.29	-60	135	E51/1033
MWAC3979	AC	73	697841.273	7144035.177	536.54	-60	135	E51/1033
MWAC3980	AC	75	697770.563	7144105.887	536.79	-60	135	E51/1033
MWAC3981	AC	92	697699.852	7144176.598	537.03	-60	135	E51/1033
MWAC3982	AC	72	697629.141	7144247.309	537.02	-60	135	E51/1033
MWAC3983	AC	115	697558.431	7144318.019	537.01	-60	135	E51/1033
MWAC3984	AC	3	697417.009	7144459.441	537	-60	135	E51/1033
MWAC3985	AC	83	697346.299	7144530.152	536.99	-60	135	E51/1033
MWAC3986	AC	91	697275.588	7144600.862	536.98	-60	135	E51/1033
MWAC3987	AC	94	697204.877	7144671.573	536.96	-60	135	E51/1033
MWAC3988	AC	126	697134.167	7144742.284	537.17	-60	135	E51/1033
MWAC3989	AC	66	700104.015	7144035.177	536.25	-60	135	E51/1033
MWAC3990	AC	72	700033.304	7144105.887	536.27	-60	135	E51/1033
MWAC3991	AC	62	699962.594	7144176.598	536.3	-60	135	E51/1033
MWAC3992	AC	72	699891.883	7144247.309	536.48	-60	135	E51/1033
MWAC3993	AC	42	699821.172	7144318.019	536.65	-60	135	E51/1033
MWAC3994	AC	75	699750.462	7144388.73	536.68	-60	135	E51/1033
MWAC3995	AC	86	699679.751	7144459.441	536.7	-60	135	E51/1033
MWAC3996	AC	61	699609.04	7144530.152	536.68	-60	135	E51/1033
MWAC3997	AC	37	699538.33	7144600.862	536.74	-60	135	E51/1033
MWAC3998	AC	34	699467.619	7144671.573	536.95	-60	135	E51/1033
MWAC3999	AC	88	699396.908	7144742.284	537.02	-60	135	E51/1033
MWAC4000	AC	53	699326.198	7144812.994	537.02	-60	135	E51/1033
MWAC4001	AC	75	699255.487	7144883.705	537.01	-60	135	E51/1033
MWAC4002	AC	83	699184.776	7144954.416	537	-60	135	E51/1033
MWAC4003	AC	102	699114.066	7145025.126	537	-60	135	E51/1033
MWAC4004	AC	80	699043.355	7145095.837	536.99	-60	135	E51/1033
MWAC4005	AC	56	698972.644	7145166.548	536.99	-60	135	E51/1033
MWAC4006	AC	29	702083.914	7144318.019	537.77	-60	135	E51/1033
MWAC4007	AC	34	702013.203	7144388.73	538.08	-60	135	E51/1033
MWAC4008	AC	61	701942.493	7144459.441	538.37	-60	135	E51/1033
MWAC4009	AC	68	701871.782	7144530.152	538.49	-60	135	E51/1033
MWAC4010	AC	67	701801.071	7144600.862	538.61	-60	135	E51/1033
MWAC4011	AC	68	701730.361	7144671.573	538.73	-60	135	E51/1033
MWAC4012	AC	87	701659.65	7144742.284	538.8	-60	135	E51/1033
MWAC4013	AC	88	701588.939	7144812.994	538.91	-60	135	E51/1033
MWAC4014	AC	127	701518.229	7144883.705	539.02	-60	135	E51/1033
MWAC4015	AC	125	701447.518	7144954.416	539.12	-60	135	E51/1033
MWAC4016	AC	57	701376.807	7145025.126	539.29	-60	135	E51/1033
MWAC4017	AC	165	701306.097	7145095.837	539.39	-60	135	E51/1033
MWAC4018	AC	135	701235.386	7145166.548	539.5	-60	135	E51/1033
MWAC4019	AC	130	701164.675	7145237.258	539.58	-60	135	E51/1033
MWAC4020	AC	81	701093.965	7145307.969	539.68	-60	135	E51/1033
MWAC4021	AC	156	701023.254	7145378.68	539.83	-60	135	E51/1033
MWAC4022	AC	165	700952.543	7145449.39	539.98	-60	135	E51/1033
MWAC4023	AC	165	700881.833	7145520.101	540.07	-60	135	E51/1033
MWAC4024	AC	112	700811.122	7145590.812	539.89	-60	135	E51/1033
MWAC4025	AC	129	700740.411	7145661.522	539.71	-60	135	E51/1033
MWAC4026	AC	165	700669.701	7145732.233	539.53	-60	135	E51/1033
MWAC4027	AC	165	700598.99	7145802.944	539.35	-60	135	E51/1033
MWAC4028	AC	165	700528.279	7145873.654	539.2	-60	135	E51/1033
MWAC4029	AC	165	700457.569	7145944.365	539.05	-60	135	E51/1033

Appendix 2

JORC Code, 2012 Edition, Table 1  
(Information provided by Sandfire Resources NL)

Section 1: Sampling Techniques and Data

Criteria	JORC Code Explanation	Commentary
Sampling techniques	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.	AC samples are collected using spear techniques for both composite and single metre samples. RC samples are collected by a cone splitter for single metre samples or a sampling spear for first pass composite samples using a face sampling hammer with a nominal 140mm hole. Sampling of diamond drilling (DD) includes half or quarter-core sampling of NQ2 core.
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	Sampling is guided by Sandfire protocols and Quality Control (QC) procedures as per industry standard.
	Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (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.	DD Sample size reduction is through a Jaques jaw crusher to -10mm with a second stage reduction via Boyd crusher to -4mm. Representative subsamples are split and pulverised through LM5. AC and RC samples are crushed to -4mm through a Boyd crusher and representative subsamples pulverised via LM5. Pulverising is to nominal 90% passing -75µm and checked using wet sieving technique. Samples are assayed using Mixed 4 Acid Digest (MAD) 0.3g charge and MAD Hotbox 0.15g charge methods with ICPOES or ICPMS. Fire Assay is completed by firing 40g portion of the sample with ICPMS finish.
Drilling techniques	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.).	All AC drilling was completed with a Drillboss 300 with on-board compressor (700cfm at 400psi) using a nominal 90mm diameter air core drill bit. AC drill collars are surveyed using a Garmin GPS Map 64. All RC drilling was completed with a Schramm T685 drill rig using a sampling hammer with a nominal 140mm hole diameter. DD is completed using NQ2 size coring equipment. RC and DD drill collars are surveyed using RTK GPS with down hole surveying. Downhole surveying is undertaken using a gyroscopic survey instrument. All core where possible is oriented using a Reflex ACT II RD orientation tool.
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed.	AC, RC and DD sample recoveries are logged and captured into the database.

Criteria	JORC Code Explanation	Commentary
		DD core recoveries are measured by drillers for every drill run. The core length recovered is physically measured for each run and recorded and used to calculate the core recovery as a percentage core recovered.
	Measures taken to maximise sample recovery and ensure representative nature of the samples.	Appropriate measures are taken to maximise sample recovery and ensure the representative nature of the samples. This includes diamond core being reconstructed into continuous intervals on angle iron racks for orientation, metre marking and reconciled against core block markers. Recovery and moisture content are routinely recorded for composite and 1m samples. The majority of AC and RC samples collected are of good quality with minimal wet sampling in the project area.
	Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	No sample recovery issues are believed to have impacted on potential sample bias. When grades are available the comparison can be completed.
<b>Logging</b>	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.	AC and RC chips are washed and stored in chip trays in 1m intervals. Geological logging is completed for all holes and representative across the project area. All geological fields (i.e. lithology, alteration etc.) are logged directly to a digital format following procedures and using Sandfire geological codes. Data is imported into Sandfire's central database after validation in Ocris.
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.	Logging is both qualitative and quantitative depending on field being logged. All core and chip trays are photographed.
	The total length and percentage of the relevant intersections logged.	All drill holes are fully logged.
<b>Sub-sampling techniques and sample preparation</b>	If core, whether cut or sawn and whether quarter, half or all core taken.	Core orientation is completed where possible and all are marked prior to sampling. Half and quarter core samples are produced using Almonte Core Saw. Samples are weighed and recorded.
	If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.	AC samples consist of 5m composite spear samples produced from 1m sample piles. Additional 1m sampling is completed depending on results from 5m composite samples or where mineralisation is observed while drilling is occurring. RC 1m samples are split using a cone or riffle splitter. The majority of RC samples are dry. On occasions that wet samples are encountered they are dried prior to splitting with a riffle splitter.
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	All samples are sorted, dried at 80° for up to 24 hours and weighed. Samples are Boyd crushed to

Criteria	JORC Code Explanation	Commentary
		<p>-4mm and pulverised using LM5 mill to 90% passing 75µm. Sample splits are weighed at a frequency of 1:20 and entered into the job results file. Pulverising is completed using LM5 mill to 90% passing 75µm using wet sieving technique.</p>
	Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	1:20 grind quality checks are completed for 90% passing 75µm criteria to ensure representativeness of sub-samples.
	Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.	Sampling is carried out in accordance with Sandfire protocols as per industry best practice.
	Whether sample sizes are appropriate to the grain size of the material being sampled.	The sample sizes are considered appropriate for the VHMS and Gold mineralisation types.
<b>Quality of assay data and laboratory tests</b>	The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.	<p>Samples are assayed using Mixed 4 Acid Digest (MAD) 0.3g charge and MAD Hotbox 0.15g charge methods with ICPOES or ICPMS. The samples are digested and refluxed with a mixture of acids including Hydrofluoric, Nitric, Hydrochloric and Perchloric acids and conducted for multi elements including Cu, Pb, Zn, Ag, As, Fe, S, Sb, Bi, Mo, Re, Mn, Co, Cd, Cr, Ni, Se, Te, Ti, Zr, V, Sn, W and Ba. The MAD Hotbox method is an extended digest method that approaches a total digest for many elements however some refractory minerals are not completely attacked. The elements S, Cu, Zn, Co, Fe, Ca, Mg, Mn, Ni, Cr, Ti, K, Na, V are determined by ICPOES, and Ag, Pb, As, Sb, Bi, Cd, Se, Te, Mo, Re, Zr, Ba, Sn, W are determined by ICPMS. Samples are analysed for Au, Pd and Pt by firing a 40g of sample with ICP AES/MS finish. Lower sample weights are employed where samples have very high S contents. This is a classical FA process and results in total separation of Au, Pt and Pd in the samples. The analytical methods are considered appropriate for this mineralisation style.</p>
	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..	<p>For DD and RC drilling downhole Electromagnetic (DHEM) Geophysical Surveys have been completed for Sandfire by Merlin Geophysical Solutions. Geophysical survey parameters include:</p> <ul style="list-style-type: none"> <li>• Merlin Geophysical Solutions MT-200 and MT-400P transmitters, DigiAtlantis probe and receiver</li> <li>• 300m x 300m single turn loop, or as appropriate to the geological context.</li> </ul> <p>Moving Loop Electromagnetic (MLEM) surveys have been undertaken by Merlin Geophysical Solutions with the following parameters.</p>

Criteria	JORC Code Explanation	Commentary
		<ul style="list-style-type: none"> <li>Merlin Geophysical Solutions MT-400P transmitters, Monex Geoscope receiver system</li> <li>200m x 200m single turn loop, or as appropriate to the geological context.</li> </ul>
	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.	Sandfire DeGrussa QAQC protocol is considered industry standard with standard reference material (SRM) submitted on regular basis with routine samples. SRMs and blanks are inserted at a minimum of 5% frequency rate.
<b>Verification of sampling and assaying</b>	The verification of significant intersections by either independent or alternative company personnel.	Significant intersections have been verified by alternative company personnel.
	The use of twinned holes.	None of the drill holes in this report are twinned.
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	Primary data is captured on field "tough book" laptops using Ocris Software. The software has validation routines and data is then imported into a secure central database.
	Discuss any adjustment to assay data.	The primary data is always kept and is never replaced by adjusted or interpreted data.
<b>Location of data points</b>	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.	<p>The Sandfire Survey team undertakes survey works under the guidelines of best industry practice.</p> <p>All AC holes are surveyed in the field using a Garmin GPS Map 64. Estimated accuracy of this device is +/- 4m's .</p> <p>All DD and RC drill collars are accurately surveyed using an RTK GPS system within +/-50mm of accuracy (X,Y,Z). Downhole surveys are completed by gyroscopic downhole methods at regular intervals.</p>
	Specification of the grid system used.	Coordinate and azimuth are reported in MGA 94 Zone 50.
	Quality and adequacy of topographic control.	Topographic control was established using LiDar laser imagery technology.
<b>Data spacing and distribution</b>	Data spacing for reporting of Exploration Results.	<p>First pass AC and drilling is completed at a spacing of 400 m x 100 m.</p> <p>Infill drilling may be completed at 200 m x 100 m dependant on results.</p> <p>In areas of observed mineralisation and adjacent to it, hole spacing on drill may be narrowed to 50m.</p> <p>DD and RC drilling is completed as required to test geological targets. A set pattern is adopted once a zone of economic mineralisation has been broadly defined.</p>
	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.	Data spacing and distribution is not sufficient to establish the degree of geological and grade continuity appropriate for Mineral Resource estimation.

Criteria	JORC Code Explanation	Commentary
	Whether sample compositing has been applied.	AC and RC samples consist of 5m composite spear samples produced from 1m sample piles. Additional 1m sampling is completed depending on results from 5m composite samples or where visible mineralisation is observed while drilling is occurring.
<b>Orientation of data in relation to geological structure</b>	Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.	There is no significant orientation based sampling bias known at this time in the Morck's Well project area.
	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.	The drill hole may not necessarily be perpendicular to the orientation of the intersected mineralisation. Orientation of the mineralisation is not currently known. All reported mineralised intervals are downhole intervals not true widths.
<b>Sample security</b>	The measures taken to ensure sample security.	Appropriate security measures are taken to dispatch samples to the laboratory. Chain of custody of samples is being managed by Sandfire Resources NL. Samples are stored onsite and transported to laboratory by a licenced transport company in sealed bulker bags. The laboratory receipts received samples against the sample dispatch documents and issues a reconciliation report for every sample batch.
<b>Audits or reviews</b>	The results of any audits or reviews of sampling techniques and data.	No external audits or reviews of the sampling techniques and data have been completed, on this project.

### Section 2: Reporting of Exploration Results

Criteria	JORC Code Explanation	Commentary
<b>Mineral tenement and land tenure status</b>	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.	<p>The Morck Well project encompasses E52/1672, E52/1613 and E51/1033 which are jointly owned by Auris Minerals Limited (80%) and Fe Limited (20%). Sandfire is currently farming into the project with the right to earn 70% interest in the project area. (Refer to terms of Farm-In Agreement dated 27 February 2018).</p> <p>The adjacent tenement, E52/2049, is part of Enterprise Minerals' wholly owned Doolgunna project, which covers 975km<sup>2</sup>. Sandfire is currently farming into the project with the right to earn 75% in the project area (Refer to terms of Farm-In Agreement dated 12 October 2016).</p> <p>The Project is centred ~120km north-east of Meekatharra, in Western Australia and forms part of Sandfire's Doolgunna Project, comprising of a package of 6,276 square kilometres of contiguous tenements surrounding the DeGrussa Copper Mine.</p>

Criteria	JORC Code Explanation	Commentary
	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.	All tenements are current and in good standing.
<b>Exploration done by other parties</b>	Acknowledgment and appraisal of exploration by other parties.	Aside from Sandfire Resources and Auris Minerals Limited there has been no recent exploration undertaken on the Morck Well Project. Exploration work completed prior to Auris's tenure included geochemical soil, stream sediment, laterite and rock chip sampling combined with geological mapping. Exploration work on E52/2049 of the Doolgunna Project by Enterprise included a detailed fixed wing airborne magnetic survey in 2007, re-assaying of pulps from a 1km x 1km spaced Maglag geochemical survey in 2009, a heli borne VTEM survey in 2009, 100m x 100m soil sampling and multielement geochemical analysis, and a 400m line spaced Slingram Moving Loop EM (MLEM) survey conducted in 2015.
<b>Geology</b>	Deposit type, geological setting and style of mineralisation.	The Morck Well Project lies within the Proterozoic-aged Bryah rift basin enclosed between the Archaean Marymia Inlier to the north and the Proterozoic Yerrida basin to the south. The principal exploration targets in the Doolgunna Project area are Volcanogenic Massive Sulphide (VMS) deposits located within the Proterozoic Bryah Basin of Western Australia. Secondary targets include orogenic gold deposits.
<b>Drill hole Information</b>	<p>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:</p> <ul style="list-style-type: none"> <li>○ easting and northing of the drill hole collar;</li> <li>○ elevation or RL (Reduced Level – elevation above sea level in metres);</li> <li>○ of the drill hole collar;</li> <li>○ dip and azimuth of the hole;</li> <li>○ down hole length and interception depth; and</li> <li>○ hole length.</li> </ul> <p>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.</p>	Refer to Tables 1-6 in the main body of this release.
<b>Data aggregation methods</b>	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.	Significant intersections are based on a cut-off grade of 0.1% Cu and/or 0.5ppm Au and may include up to a maximum of 3m of internal dilution.

Criteria	JORC Code Explanation	Commentary
		Cu and Au grades used for calculating significant intersections are uncut.
	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.	Reported intersections are based on 5m samples from AC drilling.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	No metal equivalents are used in the intersection calculation.
<b>Relationship between mineralisation widths and intercept lengths</b>	These relationships are particularly important in the reporting of Exploration Results.	Downhole intercepts of mineralisation reported in this release are from a drillhole orientated approximately perpendicular to the understood regional stratigraphy. The drillhole may not necessarily be perpendicular to the mineralised zone. All widths are reported as downhole intervals.
	If the geometry of the mineralisation with respect to the drill-hole angle is known, its nature should be reported.	The geometry of the mineralisation, relative to the drillhole, is unknown at this stage.
	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').	All intersections reported in this release are downhole intervals. True widths are not known at this stage.
<b>Diagrams</b>	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.	Appropriate maps are included within the body of the accompanying document.
<b>Balanced reporting</b>	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.	The accompanying document is considered to represent a balanced report.
<b>Other substantive exploration data</b>	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.	Downhole Electromagnetic Surveying was completed by Merlin Geophysics. Details for the configuration of the survey can be seen in Appendix 1 of this release.

Criteria	JORC Code Explanation	Commentary
<b>Further work</b>	The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	Additional work including additional drilling, downhole geophysics and surface geophysics is being planned.