2019 NORTH ORELIA TREND DRILLING COMPLETED - MINERALISATION AT TARGET 1 EXTENDED

ASX RELEASE
23 December 2019

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Chairman

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Managing Director

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Chief Operating Officer

CAPITAL STRUCTURE

ASX Code: HMX

Share Price (20/12/2019)	$0.021
Shares on Issue	507m
Market Cap	$10.6m
Options Listed	190m
Options Unlisted	33m
Performance Rights	8m

- First aircore drilling campaign completed at three of the four identified targets along the North Orelia trend.
- Results from the first 123 aircore holes were reported to the ASX on 18 November. These holes have been subsequently split sampled to provide better resolution from the original 4m composites and results include:
  - 14m at 1.80g/t Au from 12m including 3m at 5.57g/t Au from 21m in BWSAC0026;
  - 10m at 1.82g/t Au from 9m including 3m at 5.78g/t from 12m in BWSA00121;
  - 19m at 0.63g/t Au from 4m including 1m at 8.87g/t Au from 13m in BWSAC0061; and
  - 12m @ 0.79g/t Au from 8m including 4m @ 1.96g/t Au from 8m in BWSAC0127 (result previously not reported).
- Drilling at Target 1 has delineated three mineralised trends. Additional results from previously unreported holes extends the central mineralisation trend further to the south where it remains open.
- The final batch of split samples have been sent for assay.
- Planning for a follow-up reverse circulation drilling program is underway aiming to extend these mineralised zones along-strike and down-dip.
- Drilling at Targets 2 and 3 tested geochemical targets and 32 of the 113 aircore holes contained gold assays greater than 0.1g/t. Further interpretation of these results is required to assist in defining targets that may warrant further testing.

Hammer's Managing Director, Daniel Thomas said:

"The completion of the first phase aircore program at North Orelia has provided Hammer with a priority target area to pursue in early 2020 along with valuable geological information on the prospective North Orelia trend.

Further follow up work is planned at both North Orelia and Bronzewing South in the first quarter of next year. Further testing of the identified anomalies and other untested targets remain our priority whilst we will also consider completing a first pass program at the prospective Ken's Bore area."

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Orelia Trend Drilling

Hammer acquired the Bronzewing South Gold Project in May 2019. Hammer has since completed an IP survey and the first phase of RC drilling at Bronzewing South (refer ASX announcement dated 2 October 2019). The current aircore drilling program along the North Orelia trend is Hammer's first program targeting three areas based upon historical RAB anomalies (Figure 4).

Drilling from the first phase aircore program was conducted on three of the four target areas. After the identification of three mineralised zones at Target 1 (refer ASX announcement dated 19 November 2019), the program was modified to complete additional drilling at this target. Target 4 remains untested and will be considered for aircore drilling in the first quarter of 2020.

Target 1

Drilling at Target 1 has delineated 3 mineralised trends. The previously undiscovered western mineralised trend is associated with the margin of a magnetic ridge – associated with shearing focussed on a contact between felsic and mafic units. The magnetic ridge is visible on regional datasets both to the north and south with scope for Hammer to test these interpreted contact zone areas with limited historical drilling in these positions (Figure 5).

Three north-south trends of mineralisation can be observed with the central mineralisation trend extending over a 500m strike length. These results extend the central mineralisation trend further to the south where the zone remains open. The westernmost trend is on the extremity of historical drilling and remains open to both the north and south.

One batch of split assays remains to be reported. It is expected that lab analyses will be finalised in January 2020. Significant assays include:

- 14m at 1.80g/t Au from 12m including 3m at 5.57g/t Au from 21m in BWSAC0026;
- 3m at 1.65g/t Au from 17m in BWSAC0036;
- 19m at 0.63g/t Au from 4m including 1m at 8.87g/t Au from 13m in BWSAC0061;
- 3m at 2.68g/t Au from 26m including 1m at 4.12g/t Au from 26m in BWSAC089;
- 10m at 1.82g/t Au from 9m including 3m at 5.78g/t from 12m in BWSA00121; and
- 12m @ 0.79g/t Au from 8m including 4m @ 1.96g/t Au from 8m in BWSAC0127.

Follow up drilling at Target 1 was completed with holes BSWAC0241 to BSWAC0254 focussing on potential extensions of the three trends of mineralisation. Whilst aircore drilling provides an effective and efficient broad test of mineralised zones, this method is limited in penetrating significantly into fresh rock. Several follow up holes failed to penetrate the interpreted mineralised zones (Figure 3). The best results from the additional drilling at Target 1 included:

- 4m at 0.74g/t Au from 16m in BWSAC0246; and
- 8m at 0.34g/t Au from 16m in BWSAC0251.

A reverse circulation program is planned for the first quarter of 2020 to test underneath the western mineralisation trend.

Targets 2 and 3

Drilling at Targets 2 and 3, failed to intercept significant mineralisation however identified geochemically significant zones of gold anomalism in weathered cover. Over 25 per cent (32 holes out of 113 holes) of the drilling at Targets 2 and 3 contained gold assays greater than 0.1g/t. Further interpretation of these results is required to determine if a target can be identified that warrants further drill testing.

Follow up Work Program

A follow up program at North Orelia will commence in the first quarter next year. Detailed planning is underway for further campaigns which may include:

- reverse circulation drilling under and along strike of mineralised trends intercepted at Target 1 including holes which failed to penetrate interpreted mineralised zones;
- aircore drilling further to the south on the central and eastern trends at Target 1; and
- drilling of the interpreted contact zones displayed in Figure 5. Little historical drilling has focussed on this interpreted shearing contact zone between felsic and mafic units.

A follow up program at Bronzewing South is also being planned, focussing on an updated geological understanding of the area and the remaining targets that were not tested during the first phase of the reverse circulation program. A first pass program at the prospective Ken's Bore area is also being considered by the Company.

Orelia Trend History

The Mt McClure Deposit Group, consisting of Lotus, Cockburn, Success and Parmelia deposits were mined between 1992 and 2010. The Lotus pit which is closest to the Hammer Metals project area produced 0.4Moz during this period. Previous owners Echo Resources (currently owned by Northern Star Resources) defined a 1.07Moz resource at Orelia, located beneath the Cockburn and Lotus pits.

Hammer's tenements cover the prospective structural trends adjacent to the north of the Lotus Pit for 14km. These trends were initially drilled by Australian Resources Limited between 1987 and 1997 with minor follow-up by Newmont between 2003 and 2005. An examination of this drilling has confirmed that many of the historical holes were too shallow to be effective, or if effective, the mineralised intercepts have not been adequately followed-up.

Previous historic RAB and aircore drilling on the structure north of the Orelia deposit averaged 30m in depth and outlined numerous bottom-of-hole gold anomalies that will be followed-up. Significant intersections included (refer HMX announcement 14 March 2019):

- 3m @ 12g/t Au from 18m in ARL6340/1057;
- 3m @ 3.60g/t Au from 9m in ARL6160/1152,
- 3m @ 2.35g/t Au from 6m in ARL6290/1055; and
- 3m @ 1.65g/t Au from 17m in ARLMM247.

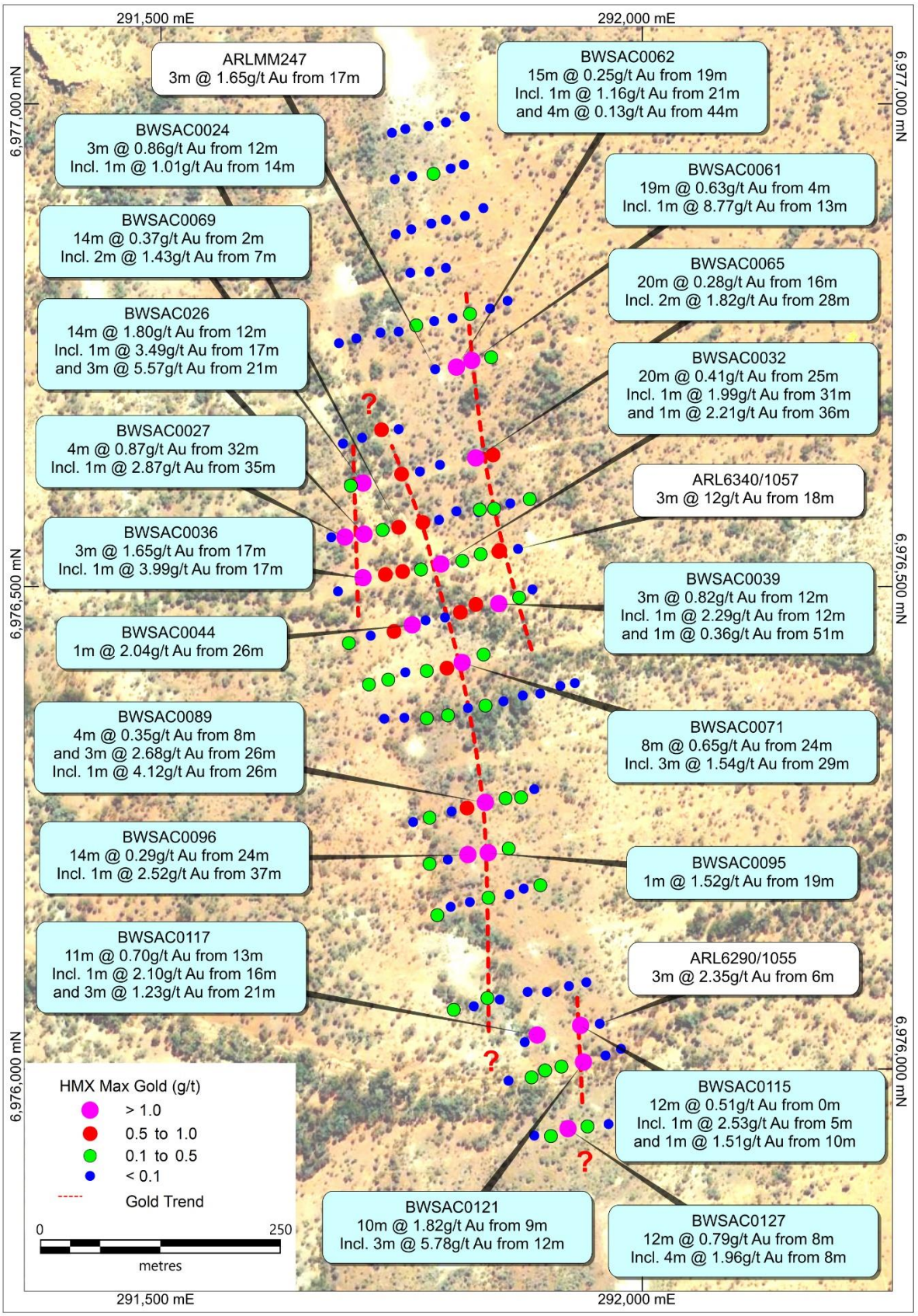

Figure 1. *Target 1 - Gold mineralisation intersections and trends*

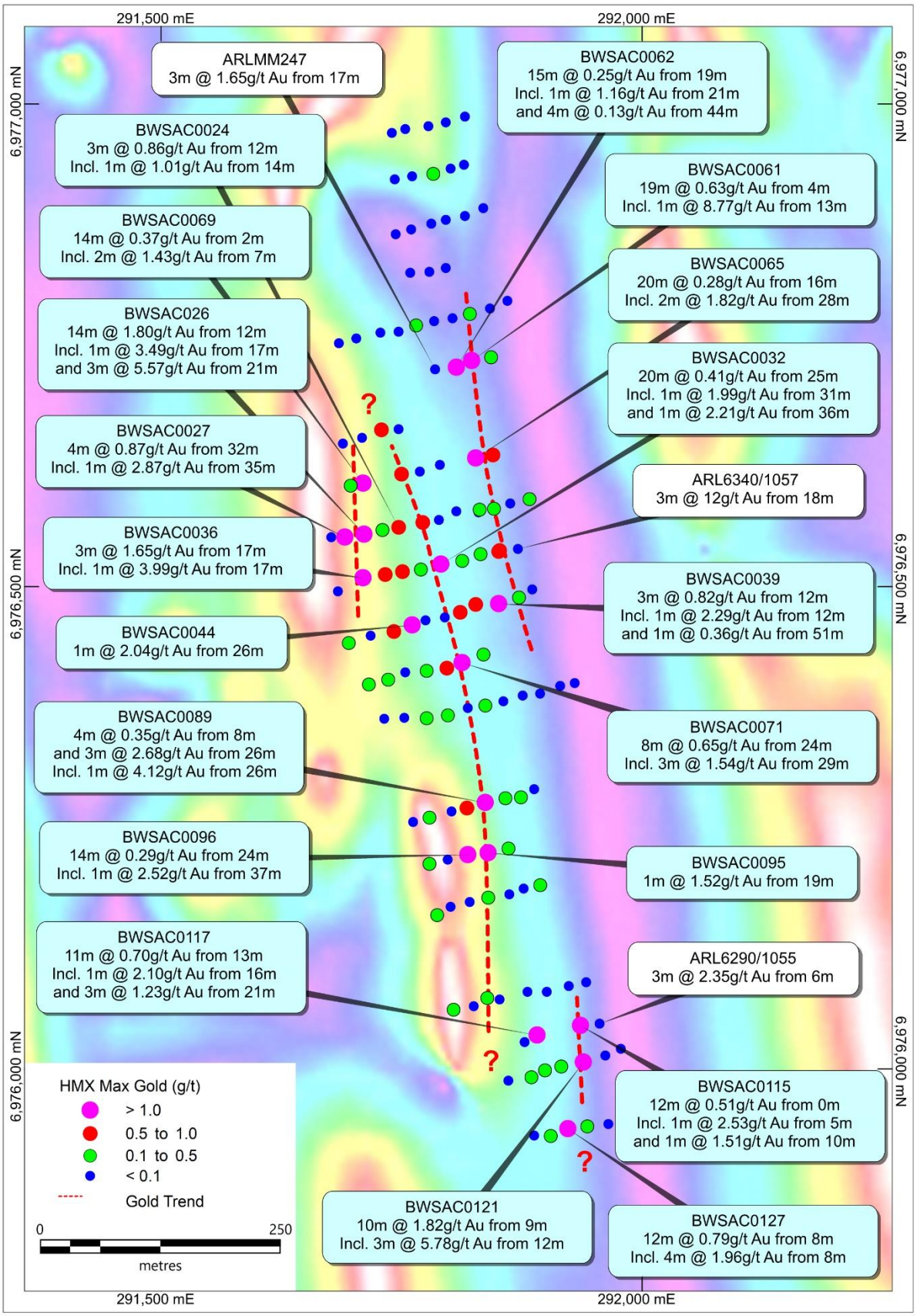

Figure 2. *Target 1 - Magnetic 1VD Image*

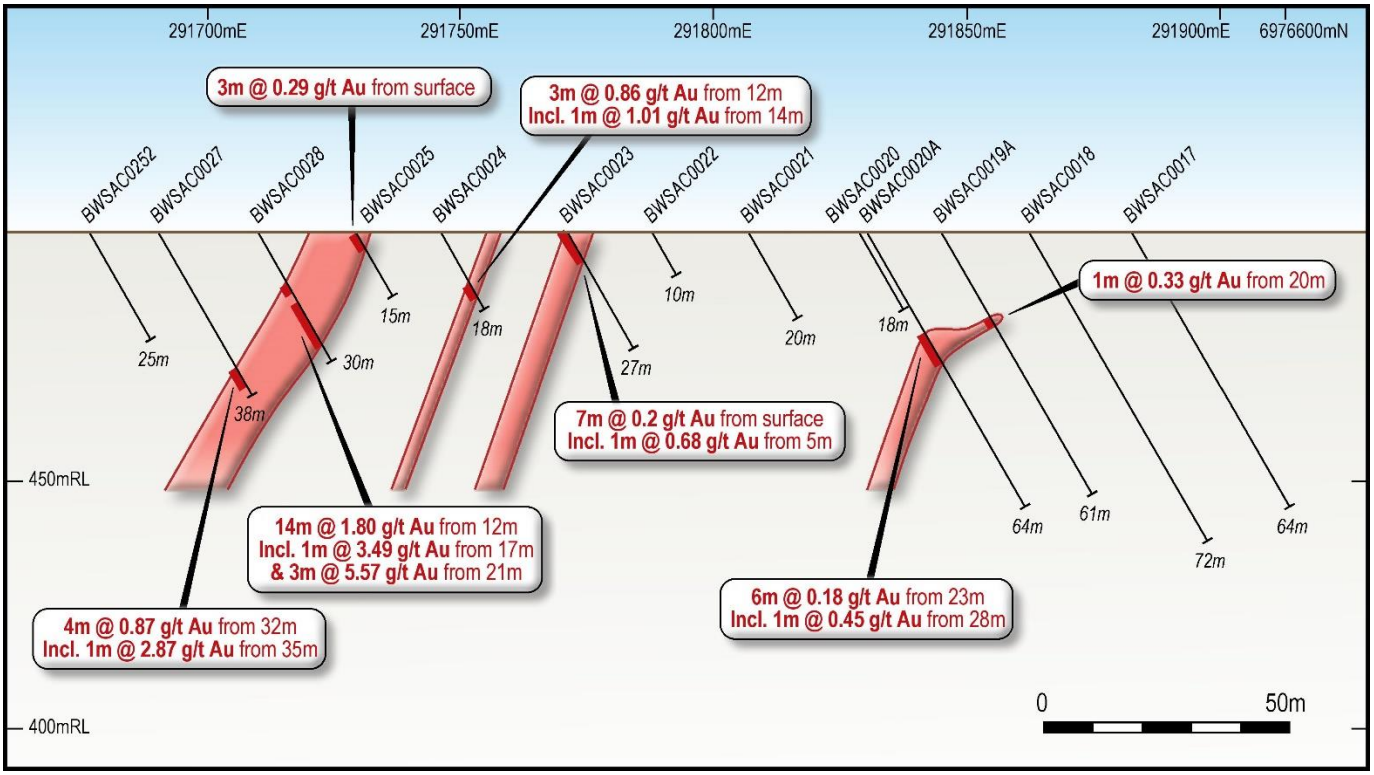

Figure 3. *Cross Section 6976600N – Target 1. Follow-up RC program planned to test the western trend below existing aircore holes BWSAC0026 and BWSAC0027.*

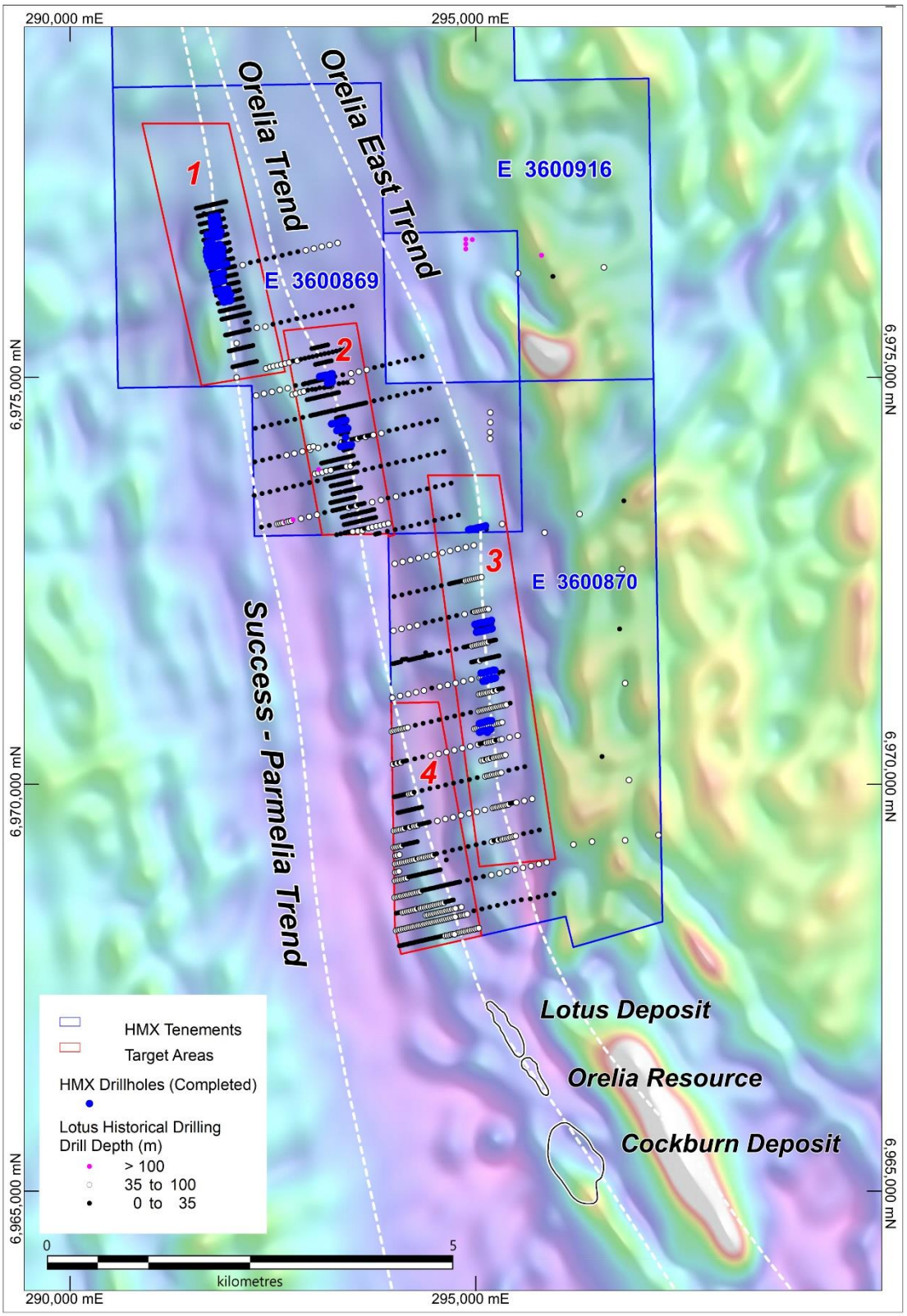

Figure 4. *Overview of Orelia Targets showing drillhole locations on Magnetic imagery.*

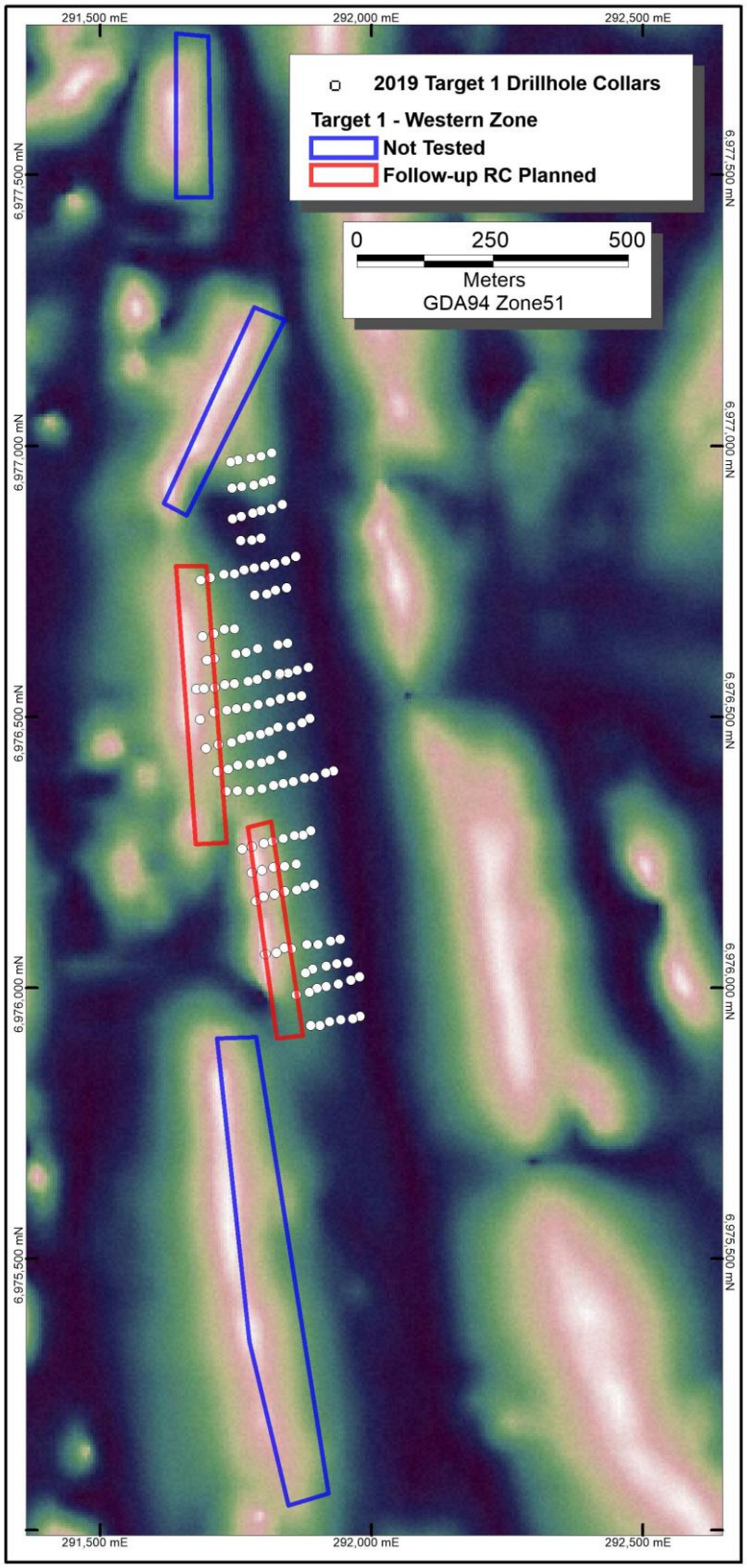

Figure 5. *Target 1 illustrating analogous positions to the newly discovered Western Trend Mineralisation (Magnetic imagery shown).*

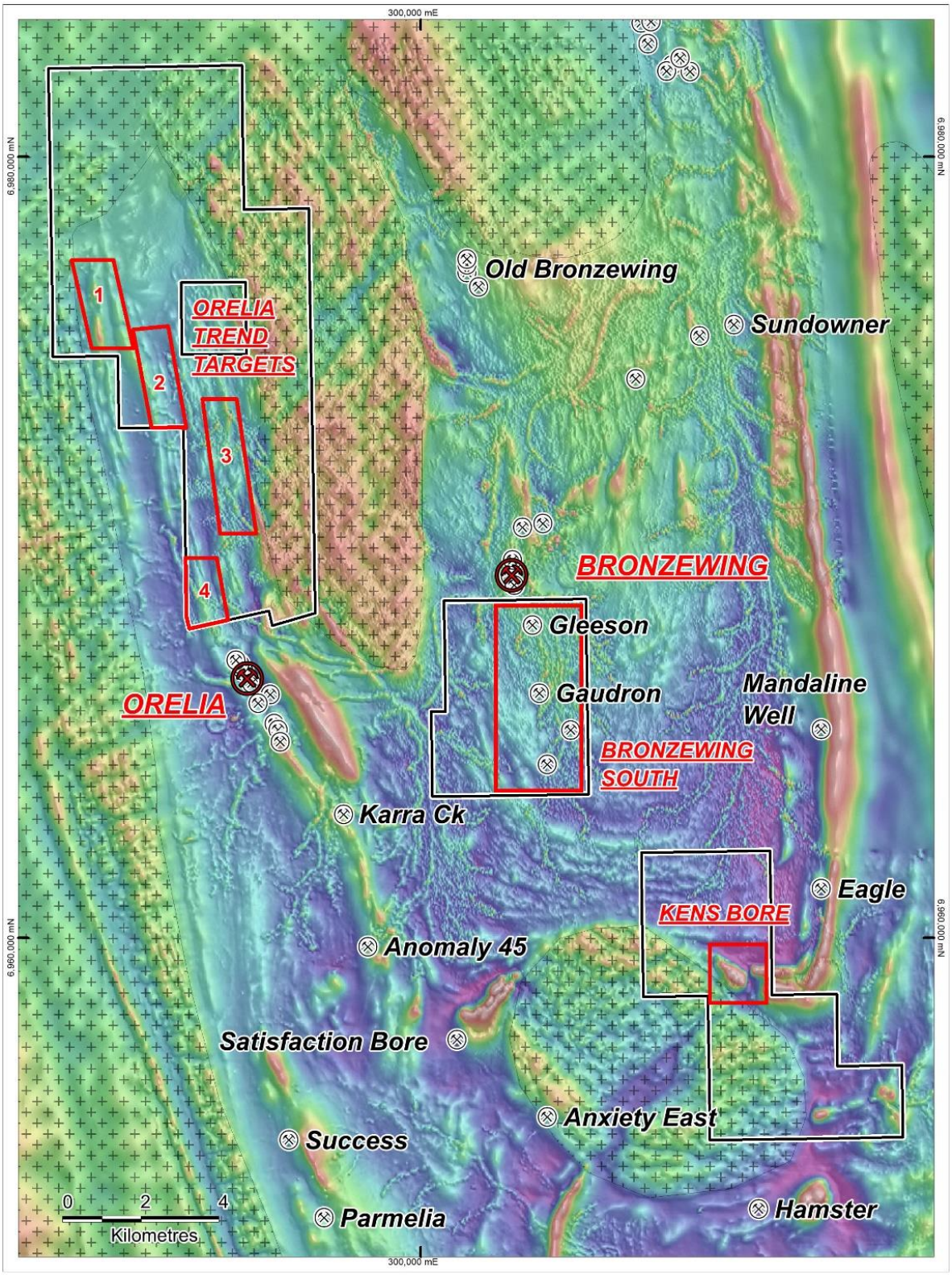

Figure 6. *Target zones within Hammer tenements. The North Orelia drilling was conducted on Targets 1, 2 and 3.*

Table 1. *Phase 1 drill intersections*

BRONZEWING SOUTH PROJECT - ORELIA TREND - SIGNIFICANT INTERCEPTS (UTILISING A 0.1g/t Au CUT-OFF)												
Target	Hole	E_GDA94	N_GDA94	RL	TD	Dip	Az_GDA		From	To	Width	Au Av (g/t)
1	BWSAC0001	291816	6976987	500	68	-60	74		No Significant Intercepts			
1	BWSAC0002	291796	6976981	500	84	-60	74		No Significant Intercepts			
1	BWSAC0003	291778	6976977	500	51	-60	78		No Significant Intercepts			
1	BWSAC0004	291754	6976974	500	33	-60	77		No Significant Intercepts			
1	BWSAC0005	291740	6976970	500	32	-60	77		No Significant Intercepts			
1	BWSAC0006	291815	6976937	500	57	-60	80		56	57	1	0.10
1	BWSAC0007	291801	6976933	500	17	-60	77		No Signficant Intercepts			
1	BWSAC0008	291783	6976928	500	30	-60	77		20	24	4	0.10
1	BWSAC0009	291761	6976925	500	24	-60	77		No Significant Intercepts			
1	BWSAC0010	291743	6976922	500	28	-60	77		No Significant Intercepts			
1	BWSAC0011	291835	6976892	500	75	-60	77		No Significant Intercepts			
1	BWSAC0012	291816	6976884	500	39	-60	77		No Significant Intercepts			
1	BWSAC0013	291796	6976880	500	51	-60	77		No Significant Intercepts			
1	BWSAC0014	291781	6976876	500	27	-60	77		No Significant Intercepts			
1	BWSAC0015	291760	6976870	500	30	-60	77		No Significant Intercepts			
1	BWSAC0016	291744	6976865	500	33	-60	77		No Significant Intercepts			
1	BWSAC0017	291883	6976591	500	64	-60	78		No Significant Intercepts			
1	BWSAC0018	291863	6976586	500	72	-60	77		No Significant Intercepts			
1	BWSAC0019	291846	6976580	500	5	-60	77		No Significant Intercepts			
1	BWSAC0019A	291846	6976581	500	61	-60	79		20	21	1	0.33
1	BWSAC0020	291830	6976577	500	18	-60	77		No Significant Intercepts			
1	BWSAC0020A	291831	6976580	500	64	-60	77		23	29	6	0.18
								incl.	28	29	1	0.45
1	BWSAC0021	291807	6976578	500	20	-60	78		No Significant Intercepts			
1	BWSAC0022	291789	6976569	500	10	-60	78		No Significant Intercepts			
1	BWSAC0023	291772	6976566	500	27	-60	78		0	7	7	0.20
								incl.	5	6	1	0.68
1	BWSAC0024*	291747	6976561	500	18	-60	78		12	15	3	0.86
								incl.	14	15	1	**1.01**
1	BWSAC0025*	291730	6976559	500	15	-60	78		0	3	3	0.29
1	BWSAC0026*	291711	6976554	500	30	-60	78		12	26	14	**1.80**
								incl.	17	18	1	**3.49**
								&	21	24	3	**5.57**
1	BWSAC0027*	291691	6976551	500	38	-60	78		32	36	4	0.87
								incl.	35	36	1	**2.87**
1	BWSAC0028	291871	6976539	500	72	-60	78		No Significant Intercepts			
1	BWSAC0029	291851	6976536	500	9	-60	78		7	9	2	0.45
1	BWSAC0029A	291852	6976537	500	61	-60	80		10	20	10	0.28
								incl.	13	15	2	0.63
1	BWSAC0030	291832	6976532	500	9	-60	78		No Significant Intercepts			
1	BWSAC0030A	291832	6976534	500	64	-60	75		24	26	2	0.23
									38	39	1	0.15
									46	48	2	0.27
1	BWSAC0031	291813	6976527	500	26	-60	78		23	24	1	0.39
1	BWSAC0032	291791	6976523	500	55	-60	77		25	45	20	0.41
								incl.	31	32	1	**1.99**
								&	36	37	1	**2.21**
Note												
* - Intercepts include split sampling results												
^ - Split sampling assays pending												
Coordinates and azimuth relative to GDA 94 Zone 51												

Table 1. *Phase 1 drill intersections (Cont.)*

BRONZEWING SOUTH PROJECT - ORELIA TREND - SIGNIFICANT INTERCEPTS (UTILISING A 0.1g/t Au CUT-OFF)												
Target	Hole	E_GDA94	N_GDA94	RL	TD	Dip	Az_GDA		From	To	Width	Au Av (g/t)
1	BWSAC0033	291770	6976518	500	37	-60	77		12	16	4	0.19
1	BWSAC0034*	291751	6976515	500	36	-60	77		19	20	1	0.84
1	BWSAC0035*	291733	6976512	500	31	-60	79		0	12	12	0.23
								incl.	3	4	1	0.79
								&	11	12	1	0.21
1	BWSAC0036*	291710	6976509	500	22	-60	79		17	20	3	**1.65**
								incl.	17	18	1	**3.99**
1	BWSAC0037	291886	6976497	500	66	-60	74		No Significant Intercepts			
1	BWSAC0038	291872	6976489	500	62	-60	73		1	2	1	0.39
1	BWSAC0039	291851	6976482	500	59	-60	72		12	15	3	0.82
								incl.	12	13	1	**2.29**
								&	51	52	1	0.36
1	BWSAC0040	291827	6976481	500	61	-60	73		7	15	8	0.24
								incl.	12	13	1	0.61
									23	24	1	0.35
1	BWSAC0041	291811	6976473	500	61	-60	74		13	23	10	0.19
								incl.	21	22	1	0.68
									50	51	1	0.16
1	BWSAC0042	291795	6976468	500	50	-60	74		40	44	4	0.25
1	BWSAC0043	291775	6976465	500	41	-60	74		No Significant Intercepts			
1	BWSAC0044*	291761	6976460	500	29	-60	74		26	27	1	**2.04**
1	BWSAC0045*	291742	6976453	500	35	-60	74		9	15	6	0.30
1	BWSAC0046	291718	6976449	500	26	-60	74		No Significant Intercepts			
1	BWSAC0047	291796	6976830	500	11	-60	76		No Significant Intercepts			
1	BWSAC0048	291779	6976826	500	14	-60	77		No Significant Intercepts			
1	BWSAC0049	291759	6976825	500	35	-60	77		No Significant Intercepts			
1	BWSAC0050	291860	6976796	500	48	-60	77		No Significant Intercepts			
1	BWSAC0051	291842	6976788	500	50	-60	77		No Significant Intercepts			
1	BWSAC0052	291821	6976783	500	8	-60	77		4	8	4	0.11
1	BWSAC0053	291803	6976778	500	19	-60	77		No Significant Intercepts			
1	BWSAC0054	291784	6976775	500	36	-60	76		No Significant Intercepts			
1	BWSAC0055	291765	6976771	500	28	-60	76		12	16	4	0.11
1	BWSAC0056	291747	6976764	500	35	-60	75		No Significant Intercepts			
1	BWSAC0057	291728	6976763	500	33	-60	75		No Significant Intercepts			
1	BWSAC0058	291703	6976757	500	10	-60	75		No Significant Intercepts			
1	BWSAC0059	291685	6976752	500	34	-60	75		No Significant Intercepts			
1	BWSAC0060	291843	6976738	500	61	-60	77		0	4	4	0.12
								&	12	16	4	0.10
1	BWSAC0061*	291823	6976734	500	39	-60	77		4	23	19	0.63
								incl.	13	14	1	**8.77**
1	BWSAC0062*	291807	6976727	500	55	-60	76		19	34	15	0.25
								incl.	21	22	1	**1.16**
									44	48	4	0.13
1	BWSAC0063	291785	6976725	500	31	-60	76		No Significant Intercepts			
1	BWSAC0064*	291845	6976636	500	54	-60	76		4	5	1	0.97
1	BWSAC0065*	291827	6976633	500	63	-60	80		16	36	20	0.28
								incl.	28	30	2	**1.82**
1	BWSAC0066	291790	6976626	500	30	-60	79		No Significant Intercepts			
1	BWSAC0067	291769	6976619	500	14	-60	77		No Significant Intercepts			
1	BWSAC0068*	291750	6976616	500	29	-60	74		0	8	8	0.27
								incl.	1	2	1	0.62
1	BWSAC0069*	291710	6976607	500	16	-60	79		2	16	14	0.37
								incl.	7	9	2	**1.43**
1	BWSAC0070	291835	6976430	500	30	-60	75		0	4	4	0.11
1	BWSAC0071*	291813	6976421	500	40	-60	75		24	32	8	0.65
								incl.	29	32	3	**1.54**
1	BWSAC0072*	291797	6976415	500	37	-60	74		20	21	1	0.68
Note												
* - Intercepts include split sampling results												
^ - Split sampling assays pending												
Coordinates and azimuth relative to GDA 94 Zone 51												

Table 1. *Phase 1 drill intersections (Cont.)*

BRONZEWING SOUTH PROJECT - ORELIA TREND - SIGNIFICANT INTERCEPTS (UTILISING A 0.1g/t Au CUT-OFF)												
Target	Hole	E_GDA94	N_GDA94	RL	TD	Dip	Az_GDA		From	To	Width	Au Av (g/t)
1	BWSAC0073*	291776	6976413	500	49	-60	74		20	28	8	0.13
								&	44	48	4	0.56
1	BWSAC0074	291754	6976411	500	31	-60	74		No Significant Intercepts			
1	BWSAC0075	291930	6976400	500	45	-60	75		No Significant Intercepts			
1	BWSAC0076	291915	6976397	500	47	-60	75		No Significant Intercepts			
1	BWSAC0077	291894	6976389	500	57	-60	75		No Significant Intercepts			
1	BWSAC0078	291876	6976387	500	53	-60	75		No Significant Intercepts			
1	BWSAC0079	291856	6976381	500	22	-60	75		0	4	4	0.10
1	BWSAC0080	291837	6976377	500	32	-60	77		12	16	4	0.13
1	BWSAC0081	291819	6976374	500	15	-60	80		No Significant Intercepts			
1	BWSAC0082*	291798	6976367	500	43	-60	80		10	12	2	0.23
1	BWSAC0083*	291776	6976364	500	45	-60	80		33	36	3	0.22
1	BWSAC0084	291753	6976364	500	45	-60	78		No Significant Intercepts			
1	BWSAC0085	291732	6976363	500	34	-60	78		No Significant Intercepts			
1	BWSAC0086	291888	6976290	500	44	-60	76		No Significant Intercepts			
1	BWSAC0087	291874	6976282	500	18	-60	76		0	4	4	0.13
1	BWSAC0088	291858	6976281	500	28	-60	76		8	16	8	0.12
1	BWSAC0089*	291837	6976276	500	35	-60	77		8	12	4	0.35
									26	29	3	**2.68**
								incl.	26	27	1	**4.12**
1	BWSAC0090*	291818	6976270	500	32	-60	76		12	24	12	0.16
								incl.	20	21	1	0.56
1	BWSAC0091	291802	6976267	500	17	-60	76		No Significant Intercepts			
1	BWSAC0092	291779	6976261	500	14	-60	76		8	14	6	0.20
1	BWSAC0093	291762	6976256	500	34	-60	77		No Significant Intercepts			
1	BWSAC0094	291861	6976229	500	30	-60	77		4	8	4	0.15
1	BWSAC0095*	291840	6976224	500	29	-60	77		19	20	1	**1.52**
1	BWSAC0096*	291819	6976222	500	44	-60	77		24	38	14	0.29
								incl.	37	38	1	**2.52**
1	BWSAC0097	291798	6976217	500	32	-60	75		No Significant Intercepts			
1	BWSAC0098	291779	6976213	500	26	-60	75		12	16	4	0.13
1	BWSAC0099	291894	6976191	500	53	-60	78		16	20	4	0.12
1	BWSAC0100	291877	6976187	500	19	-60	77		No Significant Intercepts			
1	BWSAC0101	291862	6976181	500	33	-60	77		No Significant Intercepts			
1	BWSAC0102	291840	6976178	500	22	-60	77		12	16	4	0.15
1	BWSAC0103	291821	6976173	500	11	-60	76		No Significant Intercepts			
1	BWSAC0104	291801	6976168	500	16	-60	75		No Significant Intercepts			
1	BWSAC0105*	291787	6976160	500	32	-60	74		12	22	10	0.15
1	BWSAC0106	291942	6976090	500	58	-60	82		No Significant Intercepts			
1	BWSAC0107	291924	6976086	500	60	-60	79		No Significant Intercepts			
1	BWSAC0108	291901	6976080	500	16	-60	80		No Significant Intercepts			
1	BWSAC0109	291881	6976080	500	30	-60	78		No Significant Intercepts			
1	BWSAC0110	291852	6976072	500	13	-60	80		No Significant Intercepts			
1	BWSAC0111	291839	6976074	500	15	-60	80		12	15	3	0.15
1	BWSAC0112	291825	6976065	500	26	-60	80		No Significant Intercepts			
1	BWSAC0113	291804	6976062	500	44	-60	70		24	28	4	0.12
1	BWSAC0114	291956	6976047	500	58	-60	77		No Significant Intercepts			
Note												
* - Intercepts include split sampling results												
^ - Split sampling assays pending												
Coordinates and azimuth relative to GDA 94 Zone 51												

Table 1. *Phase 1 drill intersections (Cont.)*

BRONZEWING SOUTH PROJECT - ORELIA TREND - SIGNIFICANT INTERCEPTS (UTILISING A 0.1g/t Au CUT-OFF)												
Target	Hole	E_GDA94	N_GDA94	RL	TD	Dip	Az_GDA		From	To	Width	Au Av (g/t)
1	BWSAC0115*	291936	6976045	500	60	-60	77		0	12	12	0.51
								incl.	5	6	1	**2.53**
								&	10	11	1	**1.51**
1	BWSAC0116	291916	6976040	500	0.3	-60	76		Hole Abandoned			
1	BWSAC0117*	291891	6976035	500	24	-60	77		13	24	11	0.70
								incl.	16	17	1	**2.10**
								&	21	24	3	**1.23**
1	BWSAC0118	291878	6976028	500	49	-60	77		36	40	4	0.10
1	BWSAC0119	291978	6976021	500	50	-60	76		No Significant Intercepts			
1	BWSAC0120	291962	6976014	500	56	-60	75		No Significant Intercepts			
1	BWSAC0121*	291939	6976007	500	60	-60	74		9	19	10	**1.82**
								incl.	12	15	3	**5.78**
1	BWSAC0122	291916	6976003	500	38	-60	74		4	8	4	0.10
									28	36	8	0.11
1	BWSAC0123^	291899	6975999	500	30	-60	79		4	8	4	0.12
								&	16	24	8	0.15
1	BWSAC0124	291885	6975992	500	38	-60	80		4	8	4	0.19
1	BWSAC0125	291861	6975988	500	31	-60	81		No Significant Intercepts			
1	BWSAC0126^	291943	6975941	500	51	-60	78		20	32	12	0.20
								incl.	28	32	4	0.41
1	BWSAC0127^	291923	6975938	500	24	-60	80		8	20	12	0.79
								incl.	8	12	4	**1.96**
2	BWSAC0128	293150	6975029	500	47	-60	77		No Significant Intercepts			
2	BWSAC0129	293132	6975025	500	3	-60	79		Hole abandoned			
2	BWSAC0129A	293131	6975025	500	47	-60	79		No Significant Intercepts			
2	BWSAC0130	293116	6975022	500	48	-60	78		No Significant Intercepts			
2	BWSAC0131	293092	6975019	500	13	-60	79		No Significant Intercepts			
2	BWSAC0132	293074	6975014	500	13	-60	80		No Significant Intercepts			
2	BWSAC0133	293229	6975049	500	22	-60	76		No Significant Intercepts			
2	BWSAC0134	293210	6975044	500	20	-60	78		No Significant Intercepts			
2	BWSAC0135	293193	6975037	500	43	-60	78		No Significant Intercepts			
2	BWSAC0136	293167	6975031	500	42	-60	76		No Significant Intercepts			
2	BWSAC0137	293230	6974998	500	23	-60	74		No Significant Intercepts			
2	BWSAC0138	293210	6974988	500	30	-60	77		No Significant Intercepts			
2	BWSAC0139	293191	6974986	500	40	-60	79		11	12	1	0.64
2	BWSAC0140	293167	6974985	500	61	-60	78		No Significant Intercepts			
2	BWSAC0141	293231	6974947	500	28	-60	75		No Significant Intercepts			
2	BWSAC0142	293212	6974940	500	41	-60	75		No Significant Intercepts			
2	BWSAC0143	293195	6974937	500	52	-60	75		No Significant Intercepts			
2	BWSAC0144	293173	6974931	500	45	-60	75		No Significant Intercepts			
2	BWSAC0145	293400	6974476	500	30	-60	75		No Significant Intercepts			
2	BWSAC0146	293381	6974472	500	44	-60	74		No Significant Intercepts			
2	BWSAC0147	293361	6974468	500	33	-60	75		No Significant Intercepts			
2	BWSAC0148	293344	6974464	500	40	-60	75		No Significant Intercepts			
2	BWSAC0149	293323	6974458	500	56	-60	75		No Significant Intercepts			
2	BWSAC0150	293303	6974450	500	64	-60	76		No Significant Intercepts			
2	BWSAC0151	293285	6974444	500	58	-60	77		No Significant Intercepts			
2	BWSAC0152	293269	6974437	500	19	-60	79		No Significant Intercepts			
2	BWSAC0153	293246	6974436	500	13	-60	77		No Significant Intercepts			
2	BWSAC0154	293223	6974431	500	15	-60	77		No Significant Intercepts			
2	BWSAC0155	293423	6974378	500	45	-60	79		No Significant Intercepts			
2	BWSAC0156	293401	6974376	500	35	-60	76		No Significant Intercepts			
Note												
* - Intercepts include split sampling results												
^ - Split sampling assays pending												
Coordinates and azimuth relative to GDA 94 Zone 51												

Table 1. *Phase 1 drill intersections (Cont.)*

BRONZEWING SOUTH PROJECT - ORELIA TREND - SIGNIFICANT INTERCEPTS (UTILISING A 0.1g/t Au CUT-OFF)												
Target	Hole	E_GDA94	N_GDA94	RL	TD	Dip	Az_GDA		From	To	Width	Au Av (g/t)
2	BWSAC0157	293380	6974370	500	37	-60	76		No Significant Intercepts			
2	BWSAC0158^	293365	6974368	500	37	-60	77		4	8	4	0.26
									16	28	12	0.11
2	BWSAC0159^	293343	6974359	500	58	-60	77		36	40	4	0.22
									45	46	1	0.16
2	BWSAC0160	293326	6974356	500	76	-60	72		No Significant Intercepts			
2	BWSAC0161	293307	6974352	500	51	-60	77		No Significant Intercepts			
2	BWSAC0162	293286	6974350	500	14	-60	81		No Significant Intercepts			
2	BWSAC0163	293468	6974178	500	35	-60	78		No Significant Intercepts			
2	BWSAC0164	293449	6974175	500	25	-60	78		No Significant Intercepts			
2	BWSAC0165	293428	6974173	500	34	-60	78		No Significant Intercepts			
2	BWSAC0166	293409	6974168	500	32	-60	78		4	8	4	0.12
									24	28	4	0.10
2	BWSAC0167B	293394	6974165	500	50	-60	76		20	24	4	0.10
									28	32	4	0.10
									35	36	1	0.17
									41	46	5	0.22
									49	50	1	0.13
2	BWSAC0167A	293395	6974165	50	3	-60	75		Hole Abandoned			
2	BWSAC0168^	293373	6974160	500	58	-60	75		8	12	4	0.43
									46	48	2	0.13
2	BWSAC0169	293351	6974153	500	36	-60	78		No Significant Intercepts			
3	BWSAC0170	293332	6974153	500	22	-60	79		No Significant Intercepts			
3	BWSAC0171	295130	6973181	500	62	-60	78		No Significant Intercepts			
3	BWSAC0172	295109	6973171	500	58	-60	75		No Significant Intercepts			
3	BWSAC0173^	295087	6973169	500	60	-60	75		52	56	4	0.20
3	BWSAC0174	295064	6973164	500	48	-60	75		No Significant Intercepts			
3	BWSAC0175^	295048	6973160	500	42	-60	75		40	42	2	0.56
3	BWSAC0176	295027	6973156	500	35	-60	75		No Significant Intercepts			
3	BWSAC0177	295006	6973151	500	48	-60	77		No Significant Intercepts			
3	BWSAC0178	294988	6973145	500	44	-60	77		16	20	4	0.15
3	BWSAC0179	294970	6973143	500	57	-60	77		No Significant Intercepts			
3	BWSAC0180	294948	6973140	500	53	-60	79		No Significant Intercepts			
3	BWSAC0181	294935	6973139	500	45	-60	79		No Significant Intercepts			
3	BWSAC0182	294910	6973130	500	39	-60	81		No Significant Intercepts			
3	BWSAC0183	294986	6971969	500	42	-60	257		No Significant Intercepts			
3	BWSAC0184	294999	6971972	500	40	-60	257		No Significant Intercepts			
3	BWSAC0185	295019	6971977	500	44	-60	258		40	44	4	0.10
Note												
* - Intercepts include split sampling results												
^ - Split sampling assays pending												
Coordinates and azimuth relative to GDA 94 Zone 51												

Table 1. *Phase 1 drill intersections (Cont.)*

BRONZEWING SOUTH PROJECT - ORELIA TREND - SIGNIFICANT INTERCEPTS (UTILISING A 0.1g/t Au CUT-OFF)												
Target	Hole	E_GDA94	N_GDA94	RL	TD	Dip	Az_GDA		From	To	Width	Au Av (g/t)
3	BWSAC0186	295037	6971982	500	68	-60	258		No Significant Intercepts			
3	BWSAC0187	295056	6971986	500	74	-60	258		0	4	4	0.10
3	BWSAC0188^	295078	6971991	500	90	-60	259		60	80	20	0.23
								incl.	60	64	4	0.43
3	BWSAC0189	295097	6971993	500	87	-60	258		52	56	4	0.16
									68	76	8	0.11
3	BWSAC0190	295113	6971996	500	46	-60	254		44	46	2	0.12
3	BWSAC0191	295135	6972004	500	42	-60	254		40	42	2	0.14
3	BWSAC0192	295155	6972006	500	31	-60	258		No Significant Intercepts			
3	BWSAC0193	295178	6972009	500	41	-60	258		36	40	4	0.10
3	BWSAC0194	295192	6972019	500	39	-60	256		No Significant Intercepts			
3	BWSAC0195	295006	6971872	500	69	-60	258		No Significant Intercepts			
3	BWSAC0196^	295022	6971876	500	84	-60	257		60	64	4	0.30
									72	76	4	0.10
3	BWSAC0197^	295046	6971879	500	69	-60	256		64	69	5	0.25
3	BWSAC0198^	295069	6971883	500	66	-60	255		44	48	4	0.49
									56	60	4	0.20
3	BWSAC0199	295088	6971887	500	84	-60	256		No Significant Intercepts			
3	BWSAC0200	295106	6971892	500	78	-60	255		No Significant Intercepts			
3	BWSAC0201	295122	6971897	500	43	-60	258		No Significant Intercepts			
3	BWSAC0202	295146	6971904	500	25	-60	258		No Significant Intercepts			
3	BWSAC0203	295165	6971908	500	23	-60	258		No Significant Intercepts			
3	BWSAC0204	295182	6971911	500	29	-60	254		No Significant Intercepts			
3	BWSAC0205	295200	6971916	500	32	-60	254		28	32	4	0.10
3	BWSAC0206	295063	6971371	500	86	-60	256		No Significant Intercepts			
3	BWSAC0207^	295099	6971376	500	98	-60	256		40	44	4	0.28
3	BWSAC0208	295134	6971385	500	43	-60	258		No Significant Intercepts			
3	BWSAC0209	295176	6971394	500	40	-60	258		0	4	4	0.18
									36	40	4	0.14
3	BWSAC0210	295216	6971409	500	39	-60	256		38	39	1	0.15
3	BWSAC0211^	295118	6971379	500	87	-60	257		64	68	4	0.26
3	BWSAC0212^	295159	6971393	500	32	-60	254		0	4	4	0.60
3	BWSAC0213	295194	6971401	500	45	-60	254		No Significant Intercepts			
3	BWSAC0214	295235	6971411	500	42	-60	254		No Significant Intercepts			
3	BWSAC0215	295104	6971280	500	84	-60	253		No Significant Intercepts			
3	BWSAC0216	295088	6971274	500	81	-60	255		No Significant Intercepts			
3	BWSAC0217	295125	6971282	500	83	-60	256		No Significant Intercepts			
3	BWSAC0218^	295140	6971288	500	69	-60	254		32	36	4	0.10
									44	48	4	0.20
									56	60	4	0.19
3	BWSAC0219	295158	6971292	500	65	-60	255		No Significant Intercepts			
3	BWSAC0220	295183	6971294	500	53	-60	257		No Significant Intercepts			
3	BWSAC0221	295201	6971301	500	48	-60	259		No Significant Intercepts			
3	BWSAC0222A	295222	6971304	500	10	-60	259		Hole Abandoned			
3	BWSAC0222B	295225	6971306	500	49	-60	259		No Significant Intercepts			
3	BWSAC0223	295241	6971311	500	48	-60	260		No Significant Intercepts			
3	BWSAC0224	295044	6970643	500	54	-60	256		No Significant Intercepts			
Note												
* - Intercepts include split sampling results												
^ - Split sampling assays pending												
Coordinates and azimuth relative to GDA 94 Zone 51												

Table 1. *Phase 1 drill intersections (Cont.)*

BRONZEWING SOUTH PROJECT - ORELIA TREND - SIGNIFICANT INTERCEPTS (UTILISING A 0.1g/t Au CUT-OFF)												
Target	Hole	E_GDA94	N_GDA94	RL	TD	Dip	Az_GDA		From	To	Width	Au Av (g/t)
3	BWSAC0225	295060	6970652	500	62	-60	251		No Significant Intercepts			
3	BWSAC0226	295080	6970656	500	67	-60	253		No Significant Intercepts			
3	BWSAC0227	295101	6970661	500	72	-60	252		No Significant Intercepts			
3	BWSAC0228^	295121	6970665	500	73	-60	250		36	40	4	0.35
									48	52	4	0.33
									60	64	4	0.13
3	BWSAC0229	295141	6970672	500	65	-60	256		24	28	4	0.10
									32	36	4	0.12
									52	56	4	0.12
									64	65	1	0.14
3	BWSAC0230	295161	6970674	500	60	-60	257		No Significant Intercepts			
3	BWSAC0231^	295183	6970678	500	60	-60	257		48	52	4	0.28
3	BWSAC0232	295042	6970751	500	66	-60	255		No Significant Intercepts			
3	BWSAC0233	295062	6970758	500	66	-60	256		No Significant Intercepts			
3	BWSAC0234	295076	6970761	500	70	-60	252		No Significant Intercepts			
3	BWSAC0235^	295092	6970765	500	71	-60	254		16	20	4	0.09
									28	36	8	0.27
									48	56	8	0.17
3	BWSAC0236^	295114	6970773	500	72	-60	255		36	52	16	0.32
								inc.	48	52	4	0.77
3	BWSAC0237	295134	6970778	500	72	-60	256		No Significant Intercepts			
3	BWSAC0238	295157	6970784	500	73	-60	257		48	56	8	0.15
3	BWSAC0239	295175	6970787	500	69	-60	253		No Significant Intercepts			
3	BWSAC0240	295192	6970787	500	75	-60	253		No Significant Intercepts			
1	BWSAC0241	291979	6975948	500	50	-60	77		No Significant Intercepts			
1	BWSAC0242	291965	6975943	500	63	-60	80		No Significant Intercepts			
1	BWSAC0243^	291905	6975931	500	33	-60	73		4	16	12	0.24
1	BWSAC0244	291888	6975931	500	42	-60	70		32	36	4	0.10
1	BWSAC0245	291747	6976663	500	24	-60	70		No Significant Intercepts			
1	BWSAC0246^	291729	6976662	500	24	-60	71		16	20	4	0.74
1	BWSAC0247	291709	6976654	500	13	-60	71		No Significant Intercepts			
1	BWSAC0248	291689	6976648	500	48	-60	71		No Significant Intercepts			
1	BWSAC0249	291684	6976495	500	45	-60	71		No Significant Intercepts			
1	BWSAC0250	291736	6976404	500	49	-60	71		12	24	12	0.12
								incl.	12	16	4	0.21
1	BWSAC0251^	291697	6976605	500	45	-60	71		16	24	8	0.34
1	BWSAC0252	291677	6976551	500	25	-60	77		No Significant Intercepts			
1	BWSAC0253^	291695	6976442	500	58	-60	74		47	49	2	0.18
1	BWSAC0254^	291716	6976399	500	60	-60	74		39	40	1	0.29
									43	44	1	0.10
Note												
* - Intercepts include split sampling results												
^ - Split sampling assays pending												
Coordinates and azimuth relative to GDA 94 Zone 51												

For further information please contact:

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This ASX announcement was authorised for release by Daniel Thomas, Managing Director Hammer Metals Limited.

- END -

About Hammer Metals

Hammer Metals Limited (ASX: HMX) holds a strategic tenement position covering approximately 2,200km^2 within the Mount Isa mining district, with 100% interests in the Kalman (Cu-Au-Mo-Re) deposit, the Overlander North and Overlander South (Cu-Co) deposits and the Elaine (Cu-Au) deposit. Hammer also has a 51% interest in the emerging Jubilee (Cu-Au) deposit. Hammer is an active mineral explorer, focused on discovering large copper-gold deposits of Ernest Henry style and has a range of prospective targets at various stages of testing. Hammer has recently acquired a 100% interest in the Bronzewing South Gold Project located adjacent to the 2.3 million-ounce Bronzewing gold deposit in the highly endowed Yandal Belt of Western Australia.

Competent Person Statements

The information in this report as it relates to exploration results and geology was compiled by Mr. Mark Whittle, who is a Fellow of the AusIMM and an employee of the Company. Mr. Whittle who is a shareholder and option-holder, 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 of Exploration Results, Mineral Resources and Ore Reserves'. Mr. Whittle consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.

The historic drilling information in this report that relates to previous exploration results for the Mt McClure group of prospects was prepared and first disclosed under a pre-2012 edition of the JORC code. The data has been compiled and validated. It is the opinion of Hammer Metals that the exploration data is reliable. Nothing has come to the attention of Hammer Metals that causes it to question the accuracy or reliability of the historic exploration results.

In the case of the pre-2012 JORC Code exploration results, they have not been updated to comply with 2012 JORC Code on the basis that the information has not materially changed since it was last reported. All information pertaining to the results has been previously reported by Hammer Metals Ltd on 14 March 2019.

JORC Code, 2012 Edition

Table 1 report – Bronzewing South Project Exploration Update

- This table is to accompany an ASX release updating the market with drilling from areas within the Hammer Metals Bronzewing South project. Results reported herein relate to drillholes BWSAC0001 to BWSAC0254. Drilling has now finished for 2019. One small batch of results remain to be reported.
- Historic exploration data noted in this and previous releases has been compiled and validated. It is the opinion of Hammer Metals that the exploration data are reliable.

Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary

Sampling techniques	*Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc).*
	
	These examples should not be taken as limiting the broad meaning of sampling.
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.
	
	Aspects of the determination of mineralisation that are Material to the Public Report.
	
	In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.
		DRILLING BWSAC0001-BWSAC0254
		• 261 Air Core (AC) holes were drilled for a total of 11,116m.
		• 3kg samples were scooped from the drillhole chip return and bagged for each drilled metre.
		• Drill chip samples were taken at dominantly four metre intervals, with a scoop from each drilled metre contributing to a composite sample.
		• Where mineralisation was anticipated or encountered, the sample length was reduced to 1m with lab submission of the 1m samples.
		• If a 4m composite sample was assayed and found to contain elevated gold grades the individual 1m samples pertaining to this four-metre interval were submitted for analysis.
		• All samples submitted for assay underwent fine crush with 1kg riffled off for pulverising to 75 microns.
		• Samples were submitted to Intertek in Kalgoorlie for:
		• Fire Assay with AAS finish for gold.
		  • ICP MS for a 48-element suite (bottom of hole samples only).
		  • Select holes were also analysed via portable XRF (conducted under laboratory conditions).
		  • Reanalyses were conducted on select samples to investigate gold assay repeatability.

Criteria	JORC Code explanation	Commentary
Drilling techniques	*Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• Holes were drilled by Raglan Drilling utilising an in-house designed air core truck-mounted drill rig. • Holes were drilling using aircore technique which uses a blade to produce broken core and large chips. Hard rock was drilled by switching to reverse circulation mode using a face sampling hammer. *HISTORIC DRILLING* • The reader is referred to HMX ASX release dated 14 March 2019 for details on historic drilling.
Drill sample recovery	*Method of recording and assessing core and chip sample recoveries and results assessed.* *Measures taken to maximise sample recovery and ensure representative nature of the samples.* *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• Sample recoveries were generally in excess of 80%. Recovery dropped in the shallow portion of holes and in zones of strong water inflow. • In zones where recovery was compromised holes were terminated. • No sample recovery bias has been noted. *HISTORIC DRILLING* • The reader is referred to HMX ASX release dated 14 March 2019 for details on historic drilling.
Logging	*Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* *The total length and percentage of the relevant intersections logged.*	• All drill chips were geologically logged by Hammer Metals Limited Geologists. • Drill spoil piles were photographed for each hole. • A small sample of chips was collected for the last metre of each hole. • Each drillhole was qualitatively logged in its entirety for geology. • Selected intervals from each drillhole were quantitatively logged on-site using an Olympus Vanta portable XRF instrument. *HISTORIC DRILLING* • The reader is referred to HMX ASX release dated 14 March 2019 for details on historic drilling.

Criteria	JORC Code explanation	Commentary
Sub-sampling techniques and sample preparation	*If core, whether cut or sawn and whether quarter, half or all core taken.* *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* *Measures taken to ensure that the sampling is representative of the insitu material collected, including for instance results for field duplicate/second-half sampling.* *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• Samples consist of aircore and RC drill chips. • Samples from the hole were collected by scooping material from the sample return piles. • Drill chip samples were taken at dominantly four metre intervals with samples being composited combining scooped material from each one metre sample return pile. • Where evidence of mineralisation was encountered or anticipated, the sample length was reduced to 1m. Approximately 30% of collected samples were 1m intervals. • Sample collection methodology and sample size is considered appropriate to the target-style and drill method, and appropriate laboratory analytical methods were employed. • Standard reference samples and blanks were each inserted into the laboratory submissions at a rate of 1 per 25 samples. • The average sample submitted to the lab was 3kg. This sample sizes submitted for analysis were appropriate for the style of mineralisation sought. • The method of sample collection, use of compositing where appropriate and lab methods are appropriate for this style of mineralisation. *HISTORIC DRILLING* • The reader is referred to HMX ASX release dated 14 March 2019 for details on historic drilling.
Quality of assay data and laboratory tests	*The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.*	• All samples were analysed for gold by flame AAS using a 50gm charge. • For each hole, the bottom of hole sample was analysed by Intertek for a range of elements by ICP (MS) after a 4-acid digest. • Select drill lines were also subjected to XRF analysis at the laboratory. Select field portable XRF analysis was also conducted. • Standard reference samples and blanks were inserted at 25 sample intervals.

Criteria	JORC Code explanation	Commentary
	Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.	Intertek also maintained a comprehensive QAQC regime, including check samples, duplicates, standard reference samples, blanks and calibration standards.
Verification of sampling and assaying	*The verification of significant intersections by either independent or alternative company personnel.* *The use of twinned holes.* *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* *Discuss any adjustment to assay data.*	• All assays have been verified by alternate company personnel. • Assay files were received electronically from the laboratory.
Location of data points	*Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* *Specification of the grid system used.* *Quality and adequacy of topographic control.*	• Datum used is UTM GDA 94 Zone 51. • RL information will merged at a later date utilising the most accurately available elevation data.
Data spacing and distribution	*Data spacing for reporting of Exploration Results.* *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* *Whether sample compositing has been applied.*	• The drill density is not sufficient to establish grade continuity. • Assays were taken on 1 and 4m sample lengths. 1m length was preferred in areas of potential mineralisation. • The average grade has been utilised where multiple repeat analyses have been conducted on a single sample.
Orientation of data in relation to geological structure	*Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• Drill holes were oriented as close to perpendicular as possible to the interpreted orientation of the targets based on interpretation of previous exploration.
Sample security	*The measures taken to ensure sample security.*	• Pre-numbered bags were used, and samples were transported to Intertek in Kalgoorlie by both company personnel and a commercial carrier. Samples were packed within sealed bulka bags.
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	• The dataset associated with this reported exploration has been subject to data import validation. • All assay data has been reviewed by two company personnel. • No external audits have been conducted.

Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	*Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• The Bronzewing South Project comprises granted tenements: E36/854, E36/868, E36/869, E36/870, E36/916, P36/1857 and P36/1858. • These tenements are 100% held by Carnegie Exploration Pty Ltd. The tenements are in good standing. Carnegie Exploration Pty Ltd is a 100% owned subsidiary of Hammer Metals Limited. • The sampling reported herein was conducted on E36/869 and E36/870.
Exploration done by other parties	*Acknowledgment and appraisal of exploration by other parties.*	• Previous holders held title either covering the tenement in part or entirely and previous results are contained in Mines Department records. • In excess of 2200 holes and 99km of drilling has been conducted by Newmont Exploration Pty Ltd, Audax Resources NL and Australian Resources Ltd over the entire project area. • This data has been compiled by Carnegie Exploration Pty Ltd • Tabulation of this drilling according to trend, exploration licence, drill type and drill type was presented in a HMX release to the ASX dated 14 March 2019.
Geology	*Deposit type, geological setting and style of mineralisation.*	• The Bronzewing South project is exploring for Bronzewing and/or Mt McClure analogues along strike from each mine. • The project is located within the Yandal Greenstone Belt approximately 65km northeast of Leinster. The Yandal Belt is approximately 250km long by 50km wide and hosts the Jundee, Darlot, Thunderbox, Bronzewing and Mt McClure Group of gold deposits. In the Bronzewing area the greenstone succession is dominated by tholeiitic basalts and dolerite units with lesser ultramafic, felsic and sediment sequences. • Gold mineralisation at the **Bronzewing** mine occurs in quartz veins (sub-

Criteria	JORC Code explanation	Commentary
		parallel vein arrays) in complex pipe-like lodes that plunge steeply to the south within a 400m wide structural corridor. The north-south corridor is roughly coincident with an antiformal structure and extends to the south through E36/854. Bedrock does not outcrop within E36/854 and drilling indicates that surficial cover ranges between 2m and 40m in thickness.
Drill hole Information	*A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* *easting and northing of the drill hole collar* *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar dip and azimuth of the hole* *down hole length and interception depth* *hole length.* *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	. • See the attached tables. *HISTORIC DRILLING* • The reader is referred to HMX ASX release dated 14 March 2019 for details on historic drilling.
Data aggregation methods	*In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• Intercepts are quoted at a 0.1g/t Gold cut-off with included intercepts highlighting zones of increased Gold Grade. *HISTORIC DRILLING* • The reader is referred to HMX ASX release dated 14 March 2019 for details on historic drilling.
Relationship between mineralisation widths and intercept lengths	*These relationships are particularly important in the reporting of Exploration Results.* *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	• The relationship between intersected and true widths for HMX drilling is currently not known with any certainty. *HISTORIC DRILLING* • The reader is referred to HMX ASX release dated 14 March 2019 for details on historic drilling.
Diagrams	*Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery*	• See attached figures

Criteria	JORC Code explanation	Commentary
	being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	
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 avoiding misleading reporting of Exploration Results.*	• Intersections derived from laboratory analysis are reported at cut-off grades of 0.1g/t Au. • The reader can therefore assume that any portions of a drillhole that are not quoted in the intercept tables contain grades less that the quoted cut-off. *HISTORIC DRILLING* • The reader is referred to HMX ASX release dated 14 March 2019 for details on historic drilling.
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.*	*HISTORIC DRILLING* • The reader is referred to HMX ASX release dated 14 March 2019 for details on historic drilling.
Further work	*The nature and scale of planned further work (eg 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.*	• Hammer plans to further test identified targets along the Orelia trend, and at Bronzewing South and Kens Bore.