ASX / MEDIA ANNOUNCEMENT

2.32% COBALT IN SHALLOW DRILLING AT CARLOW CASTLE

6.5m @ 23.44g/t Au, 2.32% Co and 10.35% Cu from 47m in drill hole 18CCAD009

Artemis Resources Limited ("**Artemis**" or "**the Company**") (**ASX: ARV**) is pleased to provide this drilling update from its Carlow Castle cobalt, gold and copper project in the Pilbara.

HIGHLIGHTS

- **Major new base metal drilling programme underway at Carlow Castle designed to significantly increase JORC 2012 resource.**
- **Best reverse circulation (RC) and diamond drill intersections include:**
  - **6.5m @ 23.44g/t Au, 2.32% Co and 10.35% Cu from 47m (18CCAD009)**
  - **4m @ 7.92g/t Au, 0.56% Co and 1.11% Cu from 62m (ARC082)**
  - **5m @ 2.06g/t Au, 0.45% Co and 0.73% Cu from 61m (ARC098)**
  - **13m @ 4.96g/t Au, 0.39% Co and 1.47% Cu from 62m (ARC096)**
  - **26m @ 1.81g/t Au, 0.13% Co and 0.53% Cu from 39m (18CCAD007) including 9m @ 2.91g/t Au, 0.31% Co and 0.55% Cu from 39m**
  - **20m @ 1.58g/t Au, 0.15% Co and 0.21% Cu from 7m (ARC099)**
  - **16m @ 2.14g/t Au, 0.15%Co and 0.55% Cu from 32m (18CCAD002**
  - **10m @ 1.78g/t Au, 0.13% Co and 1.71% Cu from 92m (18CCAD001) and 9m @ 2.74g/t Au, 0.01% Co and 0.71% Cu from 105m (ARC091)**
  - **40m @0.83g/t Au, 0.06% Co and 0.38% Cu from 47m (18CCAD004) including 2m @ 3.08g/t Au, 0.07% Co and 0.52% Cu from 47m**
  - **19.9m @ 1.23g/t Au, 0.05% Co and 0.74% Cu from 3.1m (18CCAD002)**
  - **6m @ 2.92g/t Au, 0.04% Co and 0.76% Cu from 59m(18CCAD009)**
- **Diamond drilling has provided samples for geotechnical and metallurgical testwork.**
- **Carlow Castle is ≈ 35km by gazetted roads from the Company's 100% owned Radio Hill processing plant.**

Artemis Chief Executive Officer Wayne Bramwell commented:

"These latest shallow cobalt, gold and copper assays from Carlow Castle are outstanding by any measure.

The mineralisation remains open along strike and at depth and as such the drilling programme will be expanded to further test this growing resource."

25 JULY 2018

ASX: ARV

ATY: FRANKFURT

Base, Battery and Precious Metals

ARTEMIS RESOURCES LIMITED IS AN AUSTRALIAN MINERAL DEVELOPER ADVANCING ITS WEST PILBARA BASE METALS, BATTERY AND PRECIOUS METALS ASSETS TOWARDS PRODUCTION.

ARTEMIS HAS CONSOLIDATED A MAJOR LAND HOLDING IN THE WEST PILBARA AND IS THE 100% OWNER OF THE RADIO HILL OPERATIONS AND PROCESSING INFRASTRUCTURE, STRATEGICALLY LOCATED 30 KM FROM THE CITY OF KARRATHA, THE POWERHOUSE OF THE PILBARA.

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Figure 1: Core photo of ore zone at Carlow Castle in 18CCAD009, prior to being cut and sampled.

On 31 January 2018 the company announced a JORC 2012 compliant Indicated and Inferred resource for Carlow Castle of 2.3 Mt @ 1.3 g/t Au, 0.11% Co, 0.5% Cu and 1.6 g/t Au (within a global resource of 4.5 Mt @ 0.9g/t Au, 0.07% Co, 0.4% Cu and 1.3 g/t Ag - at a 0.05% Co cut-off grade).

The current drill programme is targeted at infill drilling to increase resource definition and has continued to generate excellent gold, copper and cobalt assay results (see Appendix A). **Figure 2** depicts the drill plan for Carlow Castle with **Figures 3 and 4** representing 2 sections through the orebody.

Figure 2: Carlow Castle Drill Plan.

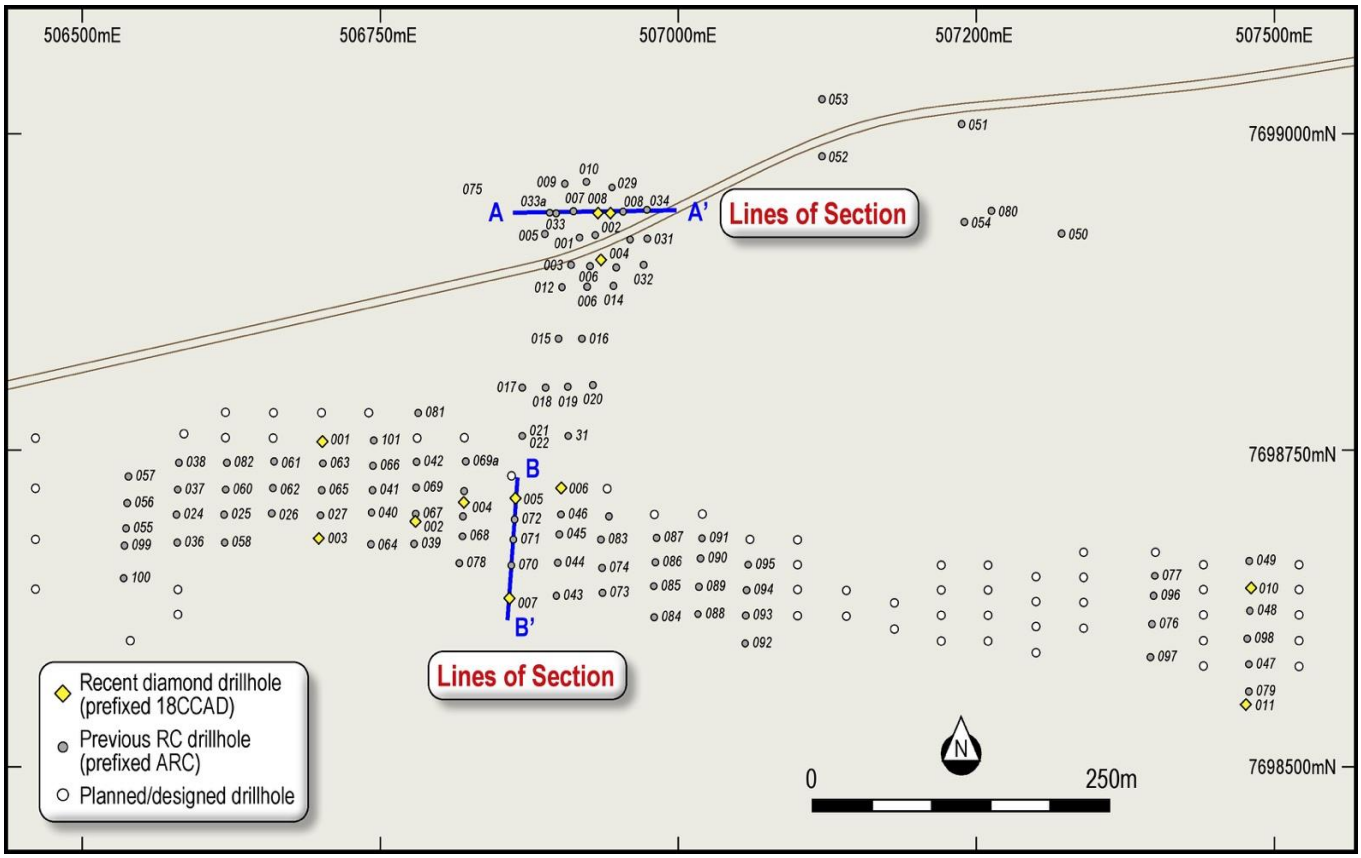


Figure 3: Section 7698940m N (ARC008 reported 19/1/18 -18CCAD008 is a twin of ARC008. Results are pending).

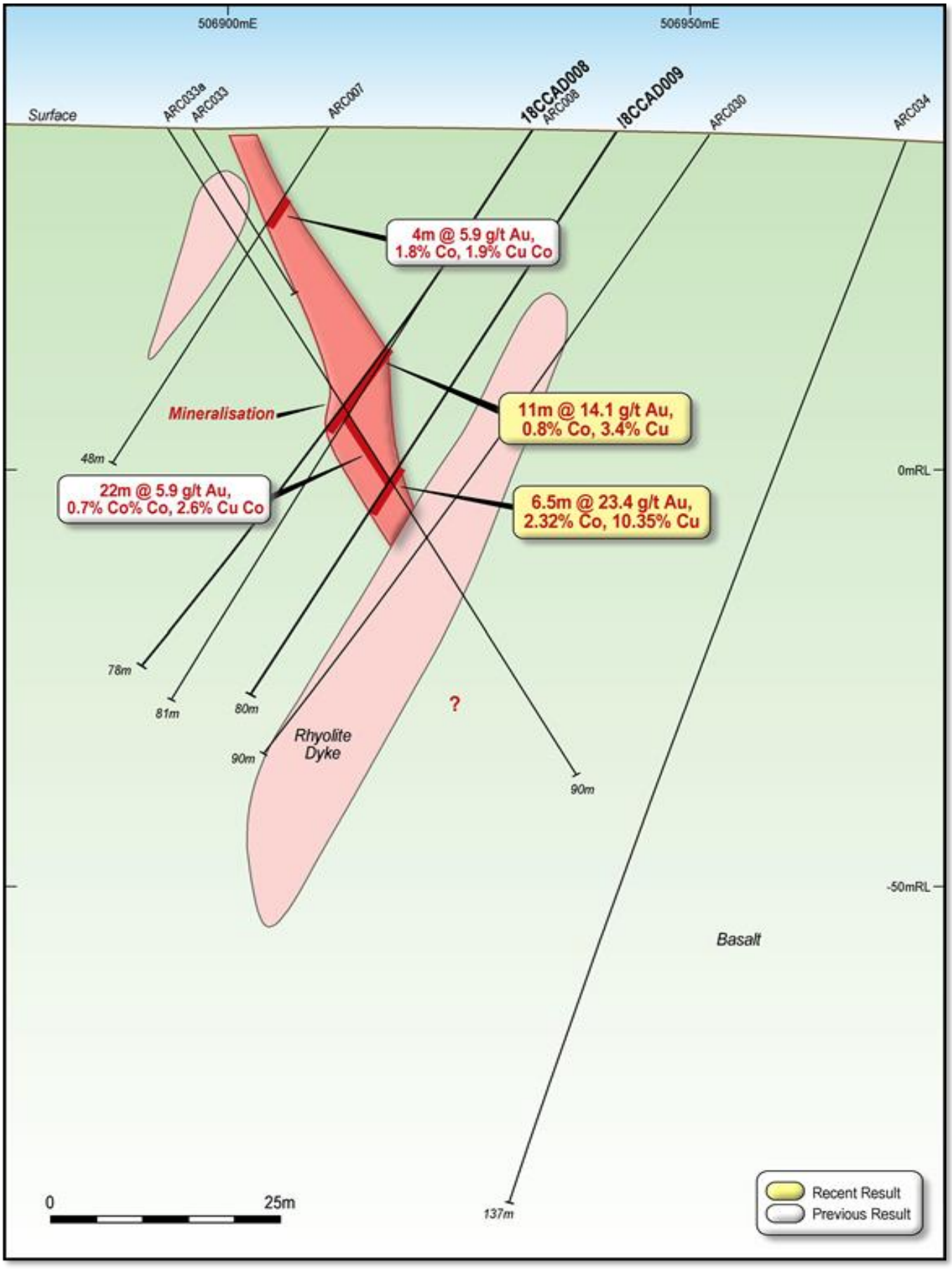


Figure 4: Section 506860m E.

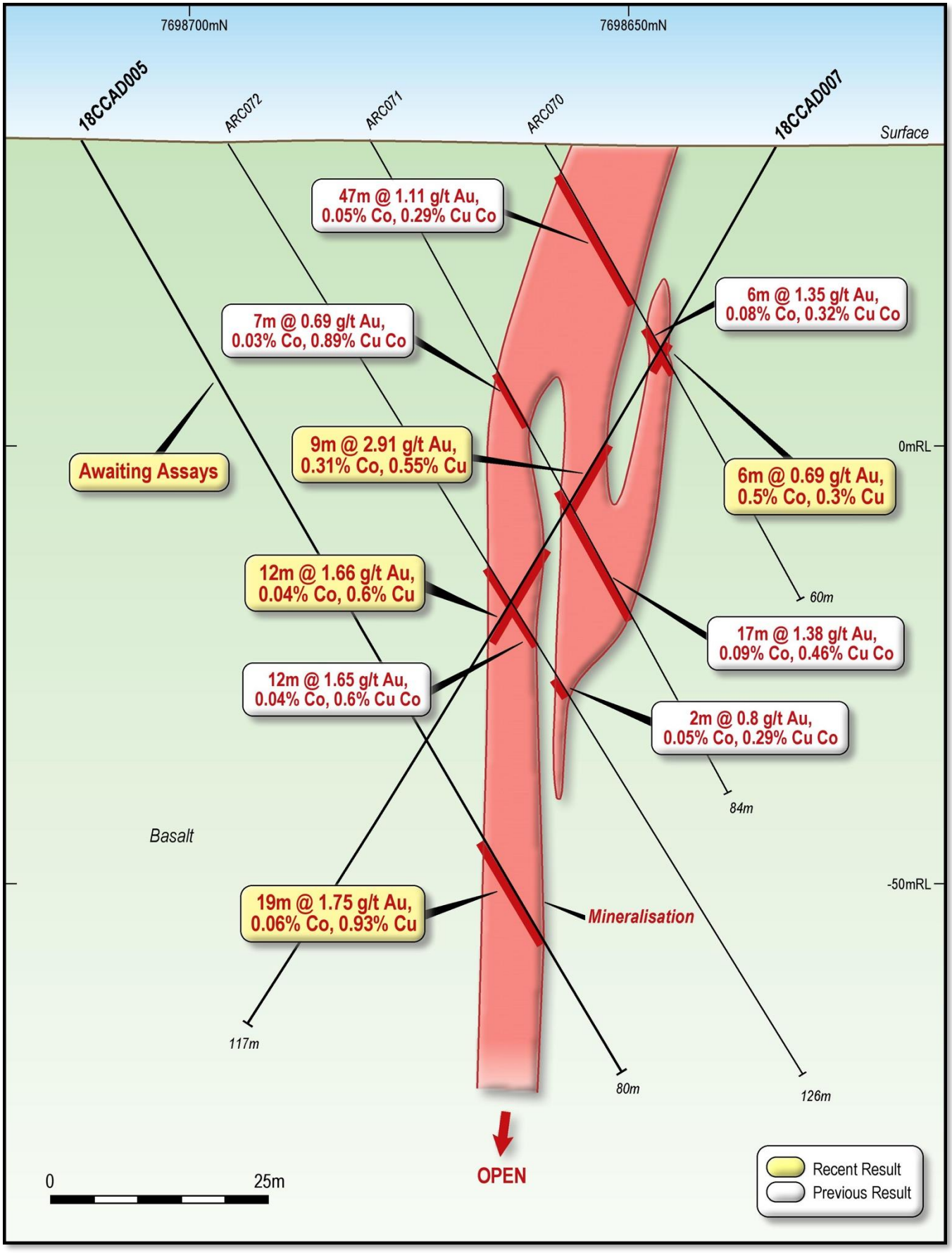
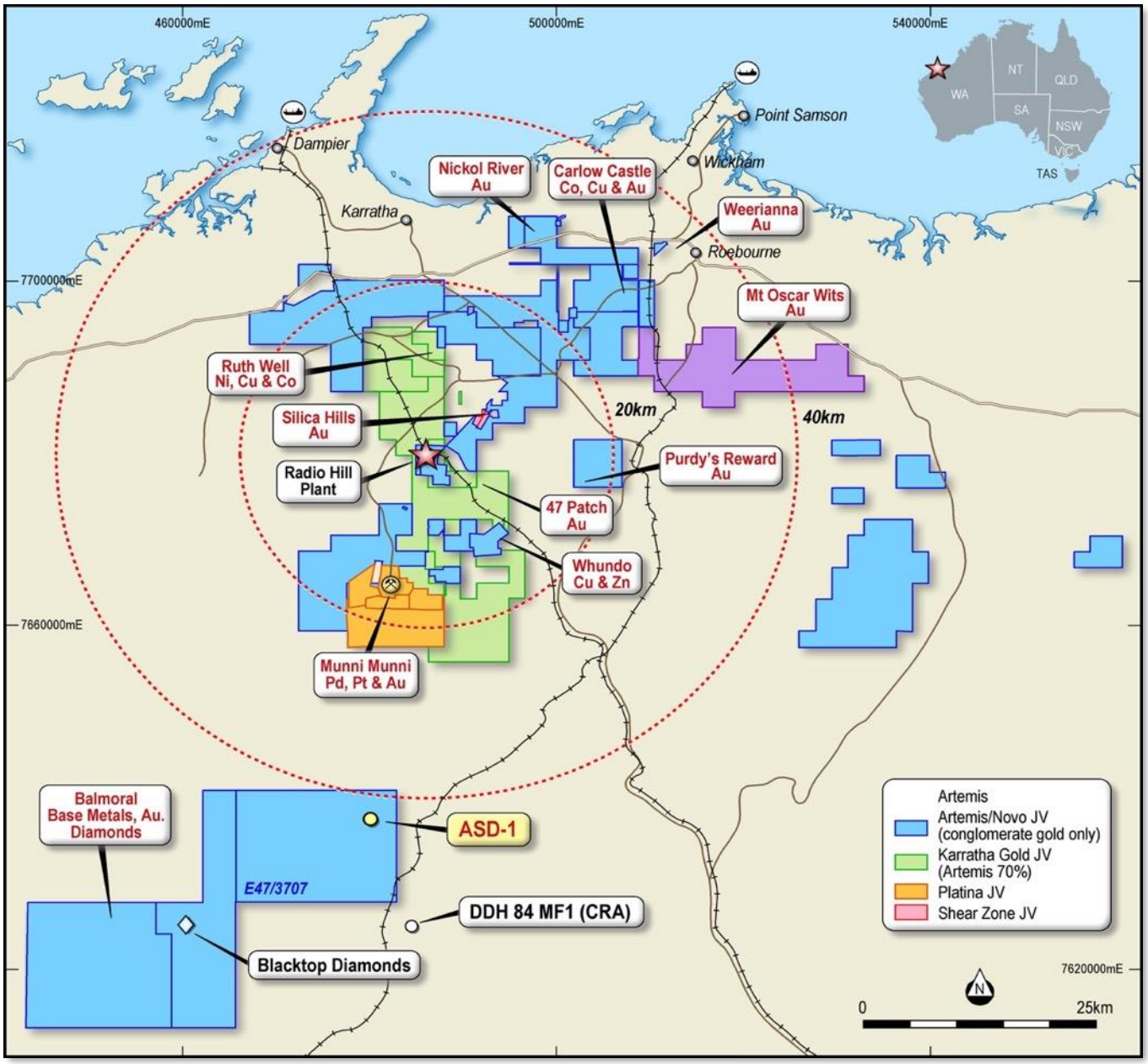


Figure 5: Artemis's Tenements in the Karratha Area



COMPETENT PERSONS STATEMENT:

The information in this document that relates to Exploration Results and Exploration Targets is based on information compiled or reviewed by Edward Mead, who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Mead is a Director of Artemis Resources Limited and is a consultant to the Company and is employed by Doraleda Pty Ltd. Mr Mead has sufficient experience that 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 Mead consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

APPENDIX A

Table 1: Drill collar locations

Hole Id	MGA East	MGA North	Type	RL (m)	Depth (m)	Dip	Azimuth
ARC001	506930	7698920	RC	40.28	72	-60	270
ARC002	506959	7698916	RC	39.75	90	-60	270
ARC003	506910	7698897	RC	39.14	54	-60	270
ARC004	506926	7698897	RC	39.24	78	-60	270
ARC005	506889	7698920	RC	40.25	60	-60	90
ARC006	506947	7698894	RC	39.03	90	-60	270
ARC007	506911	7698938	RC	41.59	48	-60	270
ARC008	506933	7698938	RC	41.14	78	-60	270
ARC009	506905	7698961	RC	42.71	48	-60	270
ARC010	506923	7698962	RC	42.84	78	-60	270
ARC011	506917	7698918	RC	40.6	48	-60	270
ARC012	506902	7698879	RC	38.33	48	-60	270
ARC013	506923	7698879	RC	38.36	72	-60	270
ARC014	506945	7698880	RC	38.84	90	-60	270
ARC015	506899	7698838	RC	38.58	48	-60	270
ARC016	506919	7698838	RC	41.38	78	-60	270
ARC017	506870	7698799	RC	36.64	48	-60	270
ARC018	506888	7698800	RC	37.7	48	-60	270
ARC019	506907	7698801	RC	39.1	60	-60	270
ARC020	506928	7698802	RC	41.3	90	-60	270
ARC021	506868	7698762	RC	35.54	48	-60	270
ARC022	506888	7698761	RC	36.24	48	-60	270
ARC023	506908	7698761	RC	37.49	78	-60	270
ARC024	506580	7698700	RC	34.8	60	-60	180
ARC025	506619	7698698	RC	34.79	66	-60	180
ARC026	506659	7698699	RC	34.97	66	-60	180
ARC027	506699	7698700	RC	34.8	60	-60	180
ARC028	506742	7698701	RC	34.55	60	-60	180
ARC029	506944	7698958	RC	42.43	84	-60	270
ARC030	506952	7698938	RC	40.81	90	-60	270
ARC031	506973	7698917	RC	39.68	102	-60	270
ARC032	506970	7698896	RC	39.26	108	-60	270
ARC033	506896	7698938	RC	41.27	23	-60	90
ARC033a	506893	7698937	RC	41.35	90	-60	90
ARC034	506973	7698940	RC	40.47	137	-60	270
ARC036	506579	7698677	RC	34.66	60	-60	180
ARC037	506580	7698719	RC	35.06	84	-60	180
ARC038	506580	7698741	RC	35.44	120	-60	180
ARC039	506778	7698676	RC	34.67	60	-60	180
ARC040	506779	7698701	RC	34.92	84	-60	180
ARC041	506779	7698721	RC	35.06	120	-60	180
ARC042	506780	7698741	RC	35.26	150	-60	180
ARC043	506897	7698636	RC	33.75	60	-60	180

ARC044	506899	7698661	RC	34.02	84	-60	180
ARC045	506899	7698682	RC	34.15	126	-60	180
ARC046	506901	7698702	RC	34.15	162	-60	180
ARC047	507478	7698581	RC	29.79	60	-60	180
ARC048	507479	7698624	RC	30.78	114	-60	180
ARC049	507479	7698663	RC	30.84	144	-60	180
ARC050	507321	7698921	RC	35.26	120	-60	0
ARC051	507237	7699008	RC	37.79	136	-60	0
ARC052	507120	7698982	RC	38.8	162	-60	0
ARC053	507120	7699027	RC	41.43	126	-60	0
ARC054	507240	7698931	RC	36.32	102	-60	0
ARC055	506536	7698689	RC	34.65	78	-60	180
ARC056	506537	7698709	RC	34.91	90	-60	180
ARC057	506539	7698730	RC	35.07	120	-60	180
ARC058	506619	7698678	RC	34.6	60	-60	180
ARC059	506620	7698720	RC	34.95	120	-60	180
ARC060	506660	7698721	RC	35	84	-60	180
ARC061	506661	7698740	RC	35.3	126	-60	180
ARC062	506700	7698721	RC	35.02	84	-60	180
ARC063	506701	7698739	RC	35.31	120	-60	180
ARC064	506742	7698676	RC	34.75	60	-60	180
ARC065	506743	7698719	RC	35.01	102	-60	180
ARC066	506744	7698738	RC	35.25	126	-60	180
ARC067	506817	7698682	RC	34.68	84	-60	180
ARC068	506818	7698698	RC	34.79	120	-60	180
ARC069	506820	7698718	RC	35	24	-60	180
ARC069a	506821	7698741	RC	35.24	162	-59	180
ARC070	506860	7698660	RC	34.3	60	-60	180
ARC071	506861	7698680	RC	34.44	84	-60	180
ARC072	506861	7698696	RC	34.57	126	-60	180
ARC073	506936	7698638	RC	33.73	60	-60	180
ARC074	506938	7698657	RC	33.72	84	-60	180
ARC075	506942	7698698	RC	33.99	150	-60	180
ARC076	507401	7698609	RC	30.48	66	-60	180
ARC077	507401	7698651	RC	31.23	162	-60	180
ARC078	506815	7698662	RC	34.44	60	-60	180
ARC079	507478	7698560	RC	29.86	108	-60	0
ARC080	507262	7698939	RC	35.53	84	-60	270
ARC081	506782	7698780	RC	36	264	-60	180
ARC082	506620	7698741	RC	35.31	150	-60	180
ARC083	506934	7698680	RC	33.85	150	-60	180
ARC084	506979	7698619	RC	33.21	72	-60	180
ARC085	506980	7698641	RC	33.61	112	-60	180
ARC086	506980	7698661	RC	33.67	142	-60	180
ARC087	506980	7698682	RC	33.58	196	-60	180
ARC088	507016	7698622	RC	33.25	70	-60	180
ARC089	507017	7698643	RC	33.28	112	-60	180
ARC090	507019	7698663	RC	33.48	150	-60	180

ARC091	507019	7698682	RC	33.39	192	-60	180
ARC092	507056	7698601	RC	32.85	72	-60	180
ARC093	507056	7698620	RC	32.91	114	-60	180
ARC094	507057	7698639	RC	33.03	150	-60	180
ARC095	507059	7698660	RC	33.05	204	-60	180
ARC096	507399	7698630	RC	30.83	168	-60	180
ARC097	507398	7698593	RC	30.44	108	-60	180
ARC098	507476	7698602	RC	29.74	96	-60	180
ARC099	506535	7698675	RC	34.35	66	-60	180
ARC100	506534	7698649	RC	34.61	42	-60	180
ARC101	506744	7698759	RC	35.66	156	-60	180
18CCAD001	506701	7698757	DDH	35.65	151.9	-60	180
18CCAD002	506779	7698695	DDH	34.86	128.1	-60	180
18CCAD003	506698	7698681	DDH	34.86	119.7	-75	0
18CCAD004	506820	7698710	DDH	34.97	141	-60	180
18CCAD005	506863	7698712	DDH	34.65	123	-60	180
18CCAD006	506901	7698720	DDH	34.82	168.2	-60	180
18CCAD007	506858	7698633	DDH	33.98	117.3	-60	0
18CCAD008	506933	7698938	DDH	41.15	81.5	-60	270
18CCAD009	506942	7698937	DDH	41	79.5	-60	270
18CCAD010	507481	7698641	DDH	30.88	171	-60	180
18CCAD011	507476	7698550	DDH	30.03	100.4	-50	0
18CCAD012	506935	7698900	DDH	41	122.9	-60	270

Table 2: Significant Intersections in Carlow Castle South.

Hole Id	Comments	From	To	m	Au g/t	Co %	Cu %
ARC082		3	11	8	1.08	0.02	0.66
ARC082		17	20	3	1.04	0.09	0.36
ARC082		62	66	4	7.92	0.56	1.11
ARC082		94	99	5	1.14	0.06	0.28
ARC083		45	47	2	1.71	0.01	0.2
ARC083		62	69	7	0.47	0.01	1.09
ARC084	NSI						
ARC085		39	48	9	0.55	0.05	0.81
ARC086		37	39	2	0.59	-	1.15
ARC087		80	81	1	3.39	0.08	0.2
ARC087		110	114	4	5.81	0.09	0.89
ARC088	NSI						
ARC089	NSI						
ARC090	NSI						
ARC091		105	114	9	2.74	0.01	0.71
ARC092	NSI						
ARC093	NSI						
ARC094	NSI						
ARC095		7	11	4	1.9	0.01	0.23
ARC095		19	21	2	3.12	0.01	1.35
ARC096		133	146	13	4.96	0.39	1.47
ARC096		161	162	1	4.35	0.3	0.15

ARC097	NSI						
ARC098		16	20	4	0.58	0.07	0.38
ARC098		27	38	11	0.58	0.18	0.28
ARC098		61	66	5	2.06	0.45	0.73
ARC098		70	72	2	2.08	0.01	0.36
ARC098		80	82	2	2.11	0.09	1.04
ARC099		7	27	20	1.58	0.15	0.21
ARC099		45	47	2	2.7	0.13	1.4
ARC100	NSI						
ARC101		107	110	3	2.55	0.09	0.94
ARC101		128	135	7	1.96	0.14	0.3
18CCAD001		51.3	54	2.7	1.51	0.18	0.18
		92	102	10	1.78	0.13	1.71
18CCAD001	Analysis Incomplete						
18CCAD002		3.1	23	19.9	1.23	0.05	0.74
		32	48	16	2.14	0.15	0.55
18CCAD003	Results Pending						
18CCAD004		47	87	40	0.83	0.06	0.38
18CCAD004	including	47	49	2	3.08	0.07	0.52
18CCAD004		57	60	3	0.5	0.12	0.6
18CCAD004		62	66	4	1.16	0.07	0.4
18CCAD004		69	73	4	0.86	0.07	0.45
18CCAD004		77	88	11	1.26	0.1	0.52
18CCAD005		79	81	2	1.22	0.23	0.29
18CCAD005		92	111	19	1.75	0.06	0.93
18CCAD006	NSI						
18CCAD007		27	30	3	0.88	0.05	0.3
18CCAD007		39	65	26	1.81	0.13	0.53
18CCAD007	including	39	48	9	2.91	0.31	0.55
18CCAD007		53	56	3	0.74	0.08	0.94
18CCAD007		59	65	6	2.92	0.04	0.76
18CCAD008	Results Pending						
18CCAD009		47	53.5	6.5	23.44	2.32	10.35
18CCAD010	Results Pending						
18CCAD011	Results Pending						
18CCAD012	Results Pending						

Table 3: Significant Assays: >0.5g/t Au, >500ppm Co (0.05%), >5000ppm Cu (0.5%).

Hole Id	SAMPLE	From	To	Au g/t	Co ppm	Cu ppm	Ag ppm	As ppm
ARC082	ARV000424	3	4	2.29	244	7200	0.25	283
ARC082	ARV000425	4	5	0.58	133	3150	0.5	190
ARC082	ARV000427	6	7	0.09	134	6720	1.9	145
ARC082	ARV000428	7	8	2.43	133	9030	2.2	151
ARC082	ARV000429	8	9	2.33	157	9800	2.1	185
ARC082	ARV000430	9	10	0.32	237	6470	0.8	261
ARC082	ARV000431	10	11	0.58	266	5360	0.25	378
ARC082	ARV000436	15	16	0.75	449	1700	2.1	355
ARC082	ARV000438	17	18	0.37	1040	3310	2.1	264
ARC082	ARV000439	18	19	1.9	1360	5050	2.5	645

ARC082	ARV000440	19	20	0.84	272	2650	0.5	266
ARC082	ARV000469	44	45	0.11	538	1040	0.25	713
ARC082	ARV000470	45	46	0.35	739	334	0.25	856
ARC082	ARV000473	48	49	0.33	566	1100	0.25	763
ARC082	ARV000489	62	63	1	2310	132	0.25	3040
ARC082	ARV000490	63	64	15.25	12450	20100	6	17400
ARC082	ARV000491	64	65	13.95	5470	19850	6.4	7800
ARC082	ARV000492	65	66	1.47	2030	4500	1.3	2710
ARC082	ARV000505	76	77	0.13	618	760	0.25	863
ARC082	ARV000530	94	95	0.63	360	2140	0.7	461
ARC082	ARV000531	95	96	1.17	658	3750	1.3	901
ARC082	ARV000532	96	97	0.68	409	2010	0.6	532
ARC082	ARV000533	97	98	1.86	734	3040	1.2	943
ARC082	ARV000534	98	99	1.36	981	2970	1.3	1240
ARC082	ARV000522	101	102	0.51	170	730	0.25	228
ARC082	ARV000557	124	125	0.91	62	2000	0.7	16
ARC083	ARV000588	1	2	0.51	52	263	0.25	43
ARC083	ARV000636	45	46	2.89	109	2300	1.4	71
ARC083	ARV000637	46	47	0.54	94	2040	1.2	50
ARC083	ARV000640	49	50	0.98	134	2780	0.7	101
ARC083	ARV000644	51	52	1.02	139	2440	0.8	84
ARC083	ARV000650	57	58	0.56	196	3940	0.8	181
ARC083	ARV000651	58	59	0.63	287	7260	1.1	177
ARC083	ARV000655	62	63	0.64	130	13200	5.2	57
ARC083	ARV000656	63	64	0.91	234	28800	10.1	141
ARC083	ARV000657	64	65	0.23	160	8460	2.9	161
ARC083	ARV000658	65	66	0.41	69	9250	3.7	39
ARC083	ARV000663	68	69	0.57	125	7110	2.4	88
ARC083	ARV000664	69	70	0.22	93	5520	2	62
ARC083	ARV000670	75	76	0.77	549	4700	2	743
ARC083	ARV000671	76	77	0.34	553	3010	1.1	746
ARC083	ARV000677	82	83	0.41	536	2410	0.7	726
ARC083	ARV000692	95	96	0.21	38	5120	1.9	20
ARC083	ARV000727	126	127	0.22	36	7410	3.8	19
ARC083	ARV000732	131	132	0.13	26	5010	2.6	10
ARC085	ARV000890	39	40	0.23	66	11000	4.9	68
ARC085	ARV000891	40	41	0.19	213	8240	3.8	332
ARC085	ARV000894	43	44	0.9	164	24000	16.3	264
ARC085	ARV000896	45	46	1.05	1020	6870	3.6	1400
ARC085	ARV000897	46	47	0.79	662	4120	2.1	948
ARC085	ARV000898	47	48	1.1	1560	7640	3.5	2160
ARC086	ARV001005	22	23	0.51	89	973	0.25	86
ARC086	ARV001012	29	30	0.91	112	6420	0.6	91
ARC086	ARV001013	30	31	0.63	112	2530	0.9	91
ARC086	ARV001014	31	32	1.09	121	2010	0.9	124
ARC086	ARV001020	37	38	0.31	86	10450	3.4	111
ARC086	ARV001023	38	39	0.87	107	12550	4	127
ARC086	ARV001040	55	56	0.17	84	5540	1.8	44
ARC086	ARV001044	57	58	0.24	59	6620	2.5	25
ARC086	ARV001054	67	68	0.2	98	5840	2.4	32
ARC086	ARV001055	68	69	0.19	81	5410	2.1	25
ARC086	ARV001056	69	70	0.99	168	7000	2.7	53
ARC086	ARV001092	101	102	0.18	33	5890	2.7	35
ARC086	ARV001094	103	104	0.2	21	7850	3.5	11
ARC086	ARV001095	104	105	0.24	51	7200	3.4	61
ARC086	ARV001099	108	109	0.18	39	5100	2.4	83
ARC086	ARV001100	109	110	0.36	69	9470	4.9	103

ARC087	ARV001194	43	44	1.68	62	853	0.25	133
ARC087	ARV001195	44	45	0.71	65	485	0.25	105
ARC087	ARV001203	50	51	2.02	65	519	0.25	167
ARC087	ARV001205	52	53	2.89	153	1345	1.3	325
ARC087	ARV001224	69	70	0.17	565	1680	0.6	754
ARC087	ARV001235	80	81	3.39	872	2210	0.5	1160
ARC087	ARV001250	93	94	0.18	66	7980	2.1	35
ARC087	ARV001251	94	95	0.38	57	7260	2.4	19
ARC087	ARV001268	109	110	0.18	74	5590	1.7	75
ARC087	ARV001269	110	111	0.77	182	8930	2.9	200
ARC087	ARV001270	111	112	17.75	600	15750	9	768
ARC087	ARV001271	112	113	3.11	432	3780	1	580
ARC087	ARV001272	113	114	1.63	2360	7180	2.5	3240
ARC088	ARV001377	4	5	0.56	127	1735	0.25	342
ARC090	ARV001636	39	40	1.36	86	1640	0.25	55
ARC090	ARV001651	52	53	0.64	42	365	0.25	32
ARC090	ARV001680	79	80	1.29	54	1055	0.6	30
ARC090	ARV001695	92	93	0.19	56	6880	2.8	73
ARC090	ARV001696	93	94	0.21	54	7540	3	60
ARC090	ARV001736	129	130	0.11	22	5050	2.5	15
ARC091	ARV001833	60	61	0.28	73	20300	6.7	2.5
ARC091	ARV001834	61	62	0.45	94	7790	2.5	54
ARC091	ARV001865	88	89	0.83	164	14400	4.2	145
ARC091	ARV001867	90	91	1.45	94	7720	2	55
ARC091	ARV001870	93	94	0.82	177	5250	1.2	172
ARC091	ARV001875	98	99	0.46	297	6590	1.9	398
ARC091	ARV001884	105	106	2.96	132	3680	0.9	130
ARC091	ARV001885	106	107	0.61	59	7000	2.1	35
ARC091	ARV001886	107	108	0.54	212	9850	2.6	226
ARC091	ARV001887	108	109	6.41	77	3020	1	41
ARC091	ARV001888	109	110	2.28	41	1690	1.4	11
ARC091	ARV001889	110	111	7.74	113	19650	5.7	32
ARC091	ARV001890	111	112	2.26	97	12250	3.5	29
ARC091	ARV001891	112	113	0.76	163	3330	0.8	190
ARC091	ARV001892	113	114	1.07	343	3170	0.9	461
ARC091	ARV001894	115	116	0.52	140	2290	0.5	160
ARC091	ARV001900	121	122	0.77	485	5690	2.2	630
ARC091	ARV001906	125	126	0.26	129	5010	1.7	132
ARC091	ARV001910	129	130	0.19	49	5350	1.8	31
ARC091	ARV001913	132	133	0.23	50	7700	2.7	52
ARC094	ARV002233	24	25	0.78	55	1280	0.5	86
ARC095	ARV002380	7	8	0.89	59	929	0.25	36
ARC095	ARV002383	8	9	1.33	87	1500	0.25	50
ARC095	ARV002384	9	10	4.39	210	3780	1	193
ARC095	ARV002385	10	11	1.02	104	3240	1.1	128
ARC095	ARV002394	19	20	1.11	152	14000	1.5	57
ARC095	ARV002395	20	21	5.13	123	13000	3.3	43
ARC095	ARV002399	24	25	5.71	183	3160	0.9	84
ARC095	ARV002411	34	35	0.49	82	9720	2.7	81
ARC095	ARV002470	87	88	0.21	38	5870	2.1	40
ARC095	ARV002471	88	89	0.15	41	6600	2.6	37
ARC095	ARV002493	108	109	0.13	23	5820	2.4	19
ARC095	ARV002512	125	126	0.57	25	2920	1.5	1415
ARC095	ARV002595	200	201	0.34	42	6360	3.1	17
ARC096	ARV002713	102	103	0.07	2530	271	0.25	3310
ARC096	ARV002748	133	134	0.06	634	4230	1.5	804
ARC096	ARV002749	134	135	0.1	726	9520	3	907

ARC096	ARV002750	135	136	0.59	1220	23400	7.9	1585
ARC096	ARV002751	136	137	2.12	7680	8470	2.8	9890
ARC096	ARV002752	137	138	3.57	7760	14100	4.5	10900
ARC096	ARV002753	138	139	4.7	3310	7630	2.3	4240
ARC096	ARV002754	139	140	11.85	1070	19350	10.8	1345
ARC096	ARV002755	140	141	7.8	1610	12900	3.7	2120
ARC096	ARV002756	141	142	1.55	548	7060	1.9	660
ARC096	ARV002757	142	143	1.39	709	18100	5.1	849
ARC096	ARV002758	143	144	9.83	8080	11450	3.6	11500
ARC096	ARV002759	144	145	14.9	17400	11000	4.4	25000
ARC096	ARV002760	145	146	6.09	886	44200	12.7	1100
ARC096	ARV002763	146	147	0.24	404	8750	2.3	476
ARC096	ARV002764	147	148	0.48	360	5730	1.5	433
ARC096	ARV002771	154	155	1.04	931	890	0.25	1155
ARC096	ARV002778	161	162	4.35	3080	1480	0.7	3780
ARC098	ARV002912	5	6	0.13	178	6680	0.25	211
ARC098	ARV002919	12	13	0.09	501	1510	0.25	129
ARC098	ARV002925	16	17	1.97	656	4270	1.3	534
ARC098	ARV002926	17	18	0.19	901	3990	0.7	212
ARC098	ARV002927	18	19	0.05	829	3780	1.5	182
ARC098	ARV002928	19	20	0.1	607	3280	2	284
ARC098	ARV002936	27	28	0.26	599	2800	1	591
ARC098	ARV002937	28	29	0.12	508	2560	0.6	303
ARC098	ARV002938	29	30	0.32	674	4120	1.1	607
ARC098	ARV002940	31	32	0.11	870	1925	0.6	416
ARC098	ARV002943	32	33	0.15	2620	1800	1	659
ARC098	ARV002944	33	34	4.15	6610	12050	2.5	13000
ARC098	ARV002945	34	35	1	5290	1835	1.1	1280
ARC098	ARV002946	35	36	0.08	1465	675	0.6	503
ARC098	ARV002947	36	37	0.04	674	463	0.6	352
ARC098	ARV002948	37	38	0.06	588	983	0.7	387
ARC098	ARV002959	48	49	0.08	765	1410	0.25	528
ARC098	ARV002974	61	62	2.63	5370	10800	3.1	7190
ARC098	ARV002975	62	63	4.91	11550	16550	4.5	17900
ARC098	ARV002976	63	64	1.59	4620	4330	1.3	3600
ARC098	ARV002977	64	65	0.15	709	1400	0.25	307
ARC098	ARV002978	65	66	1	608	3410	0.25	451
ARC098	ARV002983	68	69	0.77	119	1880	0.25	119
ARC098	ARV002985	70	71	3.44	123	4740	1.3	108
ARC098	ARV002986	71	72	0.73	97	2580	0.5	98
ARC098	ARV002995	80	81	3.59	1440	14700	3.3	1890
ARC098	ARV002996	81	82	0.64	340	6070	1.4	431
ARC098	ARV002999	84	85	0.94	192	1510	0.25	221
ARC098	ARV003000	85	86	0.71	134	6770	2	144
ARC098	ARV003002	86	87	0.4	1100	5750	1.6	1360
ARC099	ARV003020	7	8	0.03	514	601	0.25	356
ARC099	ARV003023	8	9	0.005	618	816	0.25	429
ARC099	ARV003024	9	10	0.11	920	1640	0.9	477
ARC099	ARV003025	10	11	0.84	1080	3240	0.7	624
ARC099	ARV003026	11	12	0.72	828	2600	0.7	451
ARC099	ARV003027	12	13	0.09	872	1770	1.6	330
ARC099	ARV003028	13	14	0.06	509	1310	0.25	236
ARC099	ARV003029	14	15	1.4	1150	1850	0.25	648
ARC099	ARV003030	15	16	0.15	870	2050	0.25	234
ARC099	ARV003031	16	17	0.95	1630	2590	0.7	474
ARC099	ARV003032	17	18	6	4790	4800	1.2	1190
ARC099	ARV003033	18	19	10.9	7170	965	1.2	3600

ARC099	ARV003034	19	20	0.47	1680	858	0.9	608
ARC099	ARV003035	20	21	0.39	755	2420	0.9	215
ARC099	ARV003036	21	22	1.64	886	3260	1.3	377
ARC099	ARV003037	22	23	0.43	1235	2380	0.8	499
ARC099	ARV003038	23	24	0.86	1040	2250	1.2	520
ARC099	ARV003039	24	25	1.68	817	1950	0.7	299
ARC099	ARV003040	25	26	1.04	668	1850	1	289
ARC099	ARV003043	26	27	3.78	957	2980	0.8	370
ARC099	ARV003045	28	29	0.13	131	5990	0.25	43
ARC099	ARV003059	42	43	0.85	575	3940	1.2	279
ARC099	ARV003064	45	46	3.19	2370	6250	1.8	2850
ARC099	ARV003065	46	47	2.21	284	21900	7.4	266
ARC099	ARV003070	51	52	0.52	492	3130	0.9	582
ARC101	ARV003133	0	1	0.65	48	234	0.25	82
ARC101	ARV003163	26	27	0.16	984	1670	0.8	381
ARC101	ARV003164	27	28	0.66	805	7570	0.8	1175
ARC101	ARV003216	75	76	2.29	2740	1120	0.25	3690
ARC101	ARV003218	77	78	0.37	204	6060	2.1	171
ARC101	ARV003227	84	85	0.38	398	7100	2.1	515
ARC101	ARV003228	85	86	0.53	313	9810	3.1	310
ARC101	ARV003232	89	90	0.22	818	2760	0.5	1005
ARC101	ARV003252	107	108	7.09	2090	21000	5.1	2720
ARC101	ARV003254	109	110	0.47	555	4980	1.3	705
ARC101	ARV003265	118	119	1.45	393	1385	0.25	479
ARC101	ARV003266	119	120	0.39	1055	1015	0.25	1335
ARC101	ARV003269	122	123	0.23	635	1130	0.25	798
ARC101	ARV003270	123	124	0.16	561	1050	0.25	713
ARC101	ARV003275	128	129	3.61	1870	4350	1.1	2030
ARC101	ARV003276	129	130	7.79	5470	10050	3.6	5930
ARC101	ARV003277	130	131	0.71	935	1660	0.25	1015
ARC101	ARV003278	131	132	0.62	650	1760	0.25	725
ARC101	ARV003283	134	135	0.83	853	1430	0.5	1060
ARC101	ARV003294	145	146	0.27	57	14250	5.4	29
ARC101	ARV003295	146	147	0.38	65	12100	4.6	20
ARC101	ARV003296	147	148	0.35	43	5020	1.8	17
18CCAD001	ARV003627	48	49	0.11	545	860	0.25	159
18CCAD001	ARV003629	50.5	51.3	0.42	560	3200	1.3	464
18CCAD001	ARV003630	51.3	52	0.74	286	1925	0.7	140
18CCAD001	ARV003631	52	52.9	0.72	176	2830	0.6	91
18CCAD001	ARV004347	52.9	53.5	0.87	259	1360	0.7	159
18CCAD001	ARV004348	53.5	54	3.88	131	7590	1.7	74
18CCAD001	ARV004350	54.5	55	0.26	82	10200	2.7	22
18CCAD001	ARV004351	55	55.5	0.21	69	27700	8.7	15
18CCAD001	ARV004361	60	60.5	0.6	211	12000	3.1	140
18CCAD001	ARV004362	60.5	61	0.16	102	8770	2.2	29
18CCAD001	ARV004382	74	75	0.56	2380	2400	0.7	2990
18CCAD001	ARV004389	81	82	0.1	258	5740	1.5	294
18CCAD001	ARV004398	90	91	0.92	130	2520	0.6	112
18CCAD001	ARV004401	92	93	0.23	895	2310	0.7	1150
18CCAD001	ARV004402	93	93.8	1.1	2300	3060	0.9	2780
18CCAD001	ARV004403	93.8	94.3	2.25	5840	6030	2.2	7420
18CCAD001	ARV004404	94.3	94.8	0.66	2020	10500	3.1	2470
18CCAD001	ARV004405	94.8	95.3	3.29	400	34300	10.6	274
18CCAD001	ARV004406	95.3	95.8	2.22	241	51900	13.6	170
18CCAD001	ARV004407	95.8	96.3	1.84	192	7160	1.9	197
18CCAD001	ARV004408	96.3	96.8	3.14	233	6280	2	137
18CCAD001	ARV004409	96.8	97.3	0.79	713	22200	5.4	869

18CCAD001	ARV004410	97.3	98	2.75	168	7080	2.3	142
18CCAD001	ARV004412	99	100	0.61	166	9710	2.6	164
18CCAD001	ARV004413	100	101	0.42	543	15750	4.6	706
18CCAD001	ARV004414	101	102	0.52	357	12550	3.6	433
18CCAD001	ARV004416	103	104	0.12	83	6530	1.9	85
18CCAD001	ARV004427	113	114	0.15	813	375	0.25	1010
18CCAD001	ARV004428	114	115	0.21	473	5820	1.8	619
18CCAD001	ARV004434	120	121	0.28	503	3170	0.8	626
18CCAD001	ARV004437	123	124	1.04	3640	595	0.25	4640
18CCAD001	ARV004439	125	126	0.36	1670	122	0.25	2080
18CCAD001	ARV004441	126	127	1.59	5310	282	0.25	7070
18CCAD001	ARV004446	131	132	1.1	2440	166	0.25	2810
18CCAD001	ARV004450	135	136	2.35	1690	4060	1.5	2090
18CCAD001	ARV004456	141	142	0.54	80	2630	0.8	78
18CCAD001	ARV004458	143	144	0.24	68	7250	2.1	36
18CCAD002	ARV006088	3.1	4	1.17	107	4720	1.1	177
18CCAD002	ARV006090	5	6	1.25	247	6790	0.9	388
18CCAD002	ARV006091	6	7	0.49	246	5410	1.1	281
18CCAD002	ARV006092	7	8	1.32	563	7000	0.6	397
18CCAD002	ARV006093	8	9	1.66	669	9210	0.5	436
18CCAD002	ARV006094	9	10	1.03	742	6850	0.25	426
18CCAD002	ARV006095	10	11	0.51	377	7780	0.25	333
18CCAD002	ARV006096	11	12	1.74	231	5290	0.7	223
18CCAD002	ARV006097	12	13	4.59	277	6490	1.2	238
18CCAD002	ARV006098	13	14	0.43	281	6480	2	171
18CCAD002	ARV006099	14	15	3.12	648	18050	2.8	355
18CCAD002	ARV006101	15	16	1.67	507	12250	1.9	626
18CCAD002	ARV006102	16	17	0.88	1120	17100	2	221
18CCAD002	ARV006103	17	18	0.71	622	11950	2.4	590
18CCAD002	ARV006104	18	19	0.97	935	10400	2.4	360
18CCAD002	ARV006105	19	20	0.91	962	7510	3.4	593
18CCAD002	ARV006106	20	21.2	0.56	859	7210	1.9	748
18CCAD002	ARV006107	21.4	22	0.5	1195	4650	0.8	1460
18CCAD002	ARV006108	22	23	0.65	1015	4430	0.6	726
18CCAD002	ARV006109	23	24	0.31	533	9000	0.8	360
18CCAD002	ARV006110	24	25	0.2	411	6580	0.9	236
18CCAD002	ARV006111	25	25.65	0.19	203	6840	0.8	136
18CCAD002	ARV006112	25.9	27.1	0.27	141	7070	0.9	195
18CCAD002	ARV006116	30	31	0.78	77	3320	1.4	85
18CCAD002	ARV006118	32	33	2.49	1775	2320	1.3	2400
18CCAD002	ARV006119	33	34	0.43	688	5280	1.8	747
18CCAD002	ARV006121	34	35	1.52	3890	10700	4.9	2300
18CCAD002	ARV006122	35	36	0.82	713	3550	1.3	928
18CCAD002	ARV006123	36	37	2.26	1690	6150	2.6	2130
18CCAD002	ARV006124	37	38	2.92	1700	5310	2	2200
18CCAD002	ARV006125	38	39	4.82	2710	6010	2.8	3700
18CCAD002	ARV006126	39	40	3.4	2340	7410	3.5	3010
18CCAD002	ARV006127	40	41	5.28	3320	9090	4	4340
18CCAD002	ARV006128	41	42	4.71	2320	8000	4.6	2820
18CCAD002	ARV006129	42	43	2.81	839	5710	2.7	1100
18CCAD002	ARV006132	45	46	0.61	547	5090	2	743
18CCAD002	ARV006133	46	47	0.56	984	4390	1.5	1290
18CCAD002	ARV006134	47	48	1.21	948	4450	1.8	1265
18CCAD004	ARV006236	16	17	0.6	212	3360	1	119
18CCAD004	ARV006269	47	48	4.35	1140	7120	2.3	1545
18CCAD004	ARV006270	48	49	1.81	328	3280	1.4	789
18CCAD004	ARV006274	52	53	1.46	507	2060	0.5	1005

18CCAD004	ARV006279	57	58	0.62	1820	13550	4.2	2460
18CCAD004	ARV006281	58	59	0.33	1020	3670	1.2	1315
18CCAD004	ARV006282	59	60	0.54	849	1040	0.7	1080
18CCAD004	ARV006284	61	62	0.25	229	7800	2.6	255
18CCAD004	ARV006285	62	63	0.65	167	3730	1.2	162
18CCAD004	ARV006286	63	64	2.1	808	4700	1.6	1020
18CCAD004	ARV006287	64	65	1.29	1605	4880	1.6	2020
18CCAD004	ARV006288	65	66	0.61	174	2860	0.9	199
18CCAD004	ARV006291	68	69	0.35	296	6710	2.2	339
18CCAD004	ARV006292	69	70	1.01	1120	5420	1.9	1430
18CCAD004	ARV006294	71	72	1.85	1080	9160	3.2	1385
18CCAD004	ARV006295	72	73	0.52	626	2450	0.9	778
18CCAD004	ARV006299	76	77	0.23	1115	3240	1	1430
18CCAD004	ARV006301	77	78	2	1800	4350	1.4	2220
18CCAD004	ARV006302	78	79	1.19	750	2920	0.9	951
18CCAD004	ARV006303	79	80	0.72	741	3170	0.9	917
18CCAD004	ARV006304	80	81	2.11	1915	8110	2.8	2430
18CCAD004	ARV006305	81	82	1.81	1610	7410	2.3	2010
18CCAD004	ARV006306	82	83	2.87	1365	6830	2.4	1700
18CCAD004	ARV006308	84	85	1.52	751	7180	2.4	953
18CCAD004	ARV006310	86	87	0.85	554	6360	1.7	689
18CCAD004	ARV006311	87	88	0.4	112	5870	1.8	115
18CCAD004	ARV006312	88	89	0.25	62	5320	1.6	39
18CCAD005	ARV007690	79	80	1.23	3840	1510	0.6	4300
18CCAD005	ARV007691	80	81	1.22	888	4370	1.6	1110
18CCAD005	ARV007704	92	93	0.57	177	3250	0.9	171
18CCAD005	ARV007705	93	93.6	4.14	631	16550	5.2	800
18CCAD005	ARV007706	93.6	94.1	2.9	162	4760	2.1	86
18CCAD005	ARV007707	94.1	94.6	1.99	446	7290	2.4	472
18CCAD005	ARV007708	94.6	95	1.88	1320	20500	7.3	1785
18CCAD005	ARV007710	96	96.5	3.73	395	11700	4.3	361
18CCAD005	ARV007711	96.5	96.9	4.72	842	13600	4.9	915
18CCAD005	ARV007712	96.9	97.4	2.11	889	9790	3.4	1070
18CCAD005	ARV007713	97.4	98	0.56	735	999	0.25	861
18CCAD005	ARV007714	98	99	0.35	571	4020	3.1	602
18CCAD005	ARV007716	100	101.1	0.31	210	6540	2.3	243
18CCAD005	ARV007717	101.1	101.6	0.92	638	10500	3.9	738
18CCAD005	ARV007718	101.6	102	1.76	794	9590	3.4	1000
18CCAD005	ARV007719	102	102.5	0.59	167	12700	4.9	150
18CCAD005	ARV007721	102.5	102.9	2.08	368	11800	4.2	162
18CCAD005	ARV007722	102.9	103.5	3.79	2100	13500	4.7	2590
18CCAD005	ARV007723	103.5	104.6	0.51	559	13300	4.6	694
18CCAD005	ARV007724	104.6	105.1	0.33	249	6690	2.2	296
18CCAD005	ARV007725	105.1	106	0.19	335	5350	1.8	405
18CCAD005	ARV007726	106	107	0.19	276	5960	1.9	331
18CCAD005	ARV007727	107	108	0.15	664	4110	1.5	693
18CCAD005	ARV007728	108	109	0.19	715	10400	3.6	816
18CCAD005	ARV007731	111	112	0.89	164	5980	1.9	164
18CCAD006	ARV006513	14	15	0.33	909	7410	0.5	1220
18CCAD006	ARV006525	25	26	0.05	587	565	0.25	381
18CCAD006	ARV006526	26	27	0.21	630	479	0.25	172
18CCAD006	ARV006531	31	32	0.36	322	9790	1.7	127
18CCAD006	ARV006553	52	53	0.87	259	7260	2.9	325
18CCAD007	ARV004601	26	27	1.14	570	2860	1	888
18CCAD007	ARV004602	27	28	0.39	651	2790	0.7	806
18CCAD007	ARV004603	28	29	1.12	402	3380	1.1	578
18CCAD007	ARV004614	39	40	1.35	1160	6710	3.6	1540

18CCAD007	ARV004616	41	42	18.45	18900	17550	6	25200
18CCAD007	ARV004617	42	43	1.92	2920	4070	1.2	3690
18CCAD007	ARV004618	43	44	0.87	85	568	0.25	138
18CCAD007	ARV004621	45	46	0.6	1020	4470	1.9	1300
18CCAD007	ARV004622	46	47	2.02	1450	6250	2.5	1845
18CCAD007	ARV004623	47	48	0.65	1785	6070	3.8	2360
18CCAD007	ARV004628	52	53	0.36	891	8700	2.8	1165
18CCAD007	ARV004629	53	54	1.09	1160	12160	4.5	1520
18CCAD007	ARV004630	54	55	0.77	418	7260	2.4	514
18CCAD007	ARV004635	59	60	2.82	1085	4790	2.9	1330
18CCAD007	ARV004636	60	61	6.01	610	7840	2.7	771
18CCAD007	ARV004637	61	62	4.7	365	21800	4.8	415
18CCAD007	ARV004638	62	63	1.73	391	5730	1.9	462
18CCAD007	ARV004639	63	64	1.17	200	3190	1.3	230
18CCAD007	ARV004641	64	65	1.11	59	2020	0.7	39
18CCAD007	ARV004657	80	81	0.38	735	1190	0.25	941
18CCAD007	ARV004664	86	87	0.44	210	11550	3.8	225
18CCAD007	ARV004681	102	103	7.21	496	33300	9	97
18CCAD007	ARV004686	107	108	1.29	578	4360	1.5	750
18CCAD007	ARV004691	112	113	0.14	546	2530	0.7	720
18CCAD009	ARV007912	9	10	0.005	607	1420	0.25	259
18CCAD009	ARV007921	17	18	0.13	594	1285	0.8	331
18CCAD009	ARV007930	26	27	1.22	231	3350	0.6	159
18CCAD009	ARV007945	40	41	0.1	846	2110	0.6	1095
18CCAD009	ARV007946	41	42	0.05	526	99	0.25	589
18CCAD009	ARV007952	47	47.7	5.27	13150	2470	1.2	18700
18CCAD009	ARV007953	47.7	48.4	13.05	13500	74900	13.7	19350
18CCAD009	ARV007954	48.4	49	21.6	9080	157000	40.6	12800
18CCAD009	ARV007955	49	49.5	28.6	12400	123000	36.2	17550
18CCAD009	ARV007956	49.5	50	81.5	31000	75600	27.3	44200
18CCAD009	ARV007957	50	50.5	26.2	29200	41500	14.8	42100
18CCAD009	ARV007958	50.5	51.1	0.5	1470	7630	1.4	1890
18CCAD009	ARV007959	51	52	31.6	22600	104500	21.3	32600
18CCAD009	ARV007961	52	52.5	22.8	16900	91100	17.6	23800
18CCAD009	ARV007962	52.5	53	29	16000	66300	22.6	22700
18CCAD009	ARV007963	53	53.5	1.1	1940	3660	0.9	2260
18CCAD009	ARV007968	57	58	0.05	594	590	0.25	605
18CCAD009	ARV007969	58	59	0.01	528	677	0.25	515
18CCAD010	ARV011041	46	47	0.16	584	3120	0.6	555
18CCAD010	ARV011043	48	49	0.72	676	7020	2.8	602
18CCAD010	ARV011044	49	50	0.57	717	7760	5	656
18CCAD010	ARV011045	50	51	0.8	527	5810	2.1	418
18CCAD010	ARV011046	51	52	0.26	603	3980	0.9	352
18CCAD010	ARV011047	52	53	0.16	625	4160	1.6	416
18CCAD010	ARV011048	53	54	0.36	343	5820	2.1	598
18CCAD010	ARV011049	54	55	0.2	876	5210	3.8	1220
18CCAD010	ARV011053	58	59	1.29	181	1760	0.9	170
18CCAD010	ARV011065	69	70	2.68	276	9270	4.8	593

JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *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.* • *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 (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.*	• Reverse Circulation (RC) and diamond drilling were carried out on the Carlow Castle Co-Cu-Au Project. • The diamond drilling (DDH) was designed to provide geotechnical and metallurgical material for further evaluation. • This RC component of the drilling was designed to obtain drill chip samples from one metre intervals, from which a 2-4 kilogram sub-sample was collected for laboratory multi-element analysis including: Ag, Al, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sr, Th, Ti, Tl, U, V, W, Zn. • The diamond drill core was initially halved and one half was then quartered; one quarter was dispatched for analysis • All samples were analysed using a portable XRF instrument (Innovex Delta). Initial methodology trialing the units has been to make a single randomly placed measurement on the drill sample bag. For more intensive evaluation a minimum of 4 measurements at regular intervals around the sample bag will be required. Optimum sampling time appears to be 90 seconds per measurement. • Mineralised zones were identified visually during field logging, and sample intervals selected by the supervising geologist. • Samples from each metre were collected through a rig-mounted cyclone and split using a rig-mounted static cone splitter. • Field duplicates were taken and submitted for analysis. • Substantial historic drilling has been completed in the vicinity of the drilling completed by Artemis. The most significant work was completed by Consolidated Gold Mining Areas (1969), Open Pit Mining Limited (Open Pit) between 1985 and 1987, and Legend Mining NL (Legend) between 1995 and 2008. Compilation of this data has been completed based on Annual Exploration Reports available through WAMEX. Although limited information is available regarding procedures implemented during this period, work completed by Artemis to date has validated much of this historic data. It is considered that the historic work was completed professionally, and that certain assumptions can reasonably be based on results reported throughout this period.
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).*	• Reverse Circulation drilling at Carlow Castle was completed by a truck-mounted Schramm T685 RC drilling rig using a 5¼ inch diameter face sampling hammer.
Drill sample	• *Method of recording and*	• Sample recoveries are recorded by the geologist in the field during

Criteria	JORC Code explanation	Commentary
recovery	*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.*	logging and sampling. • If poor sample recovery is encountered during drilling, the supervising geologist and driller endeavor to rectify the problem to ensure maximum sample recovery. • Visual assessments are made for recovery, moisture, and possible contamination. • A cyclone and static cone splitter were used to ensure representative sampling, and were routinely inspected and cleaned. • Sample recoveries during drilling completed by Artemis were high, and all samples were dry. • Insufficient data exists at present to determine whether a relationship exists between grade and recovery. This will be assessed once a statistically representative amount of data is available.
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 chip samples are geologically logged at 1m intervals from surface to the bottom of each drillhole. It is considered that geological logging is completed at an adequate level to allow appropriate future Mineral Resource estimation. • Geological logging is considered semi-quantitative due to the limited geological information available from the Reverse Circulation method of drilling. • All RC drillholes completed by Artemis during the current program have been logged in full. • All diamond core is lithologically logged and sample intervals defined by mineralisation.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are*	• The RC drilling rig was equipped with a rig-mounted cyclone and static cone splitter, which provided one bulk sample of approximately 20-30 kilograms, and a representative sub-sample of approximately 2-4 kilograms for every metre drilled. • The sample size of 2-4 kilograms is considered to be appropriate and representative of the grain size and mineralisation style of the deposit. • The majority of samples were dry. Where wet sample was encountered, the cleanliness of the cyclone and splitter were closely monitored by the supervising geologist, and maintained to a satisfactory level to avoid contamination and ensure representative samples were being collected. • Diamond core is cut in half with an Almondite automated core cutting machine using cradles. • Duplicate samples were collected and submitted for analysis. Reference standards inserted during drilling.

Criteria	JORC Code explanation	Commentary
	appropriate to the grain size of the material being sampled.	

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.*
	• *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.*
		• ALS (Perth) were used for all analysis of drill samples submitted by Artemis. The laboratory techniques below are for all samples submitted to ALS and are considered appropriate for the style of mineralisation defined within the Carlow Castle Project area:
		  • Samples above 3Kg riffle split.
		  • Pulverise to 95% passing 75 microns
		  • 50 gram Fire Assay (Au-AA26) with ICP finish - Au.
		  • 4 Acid Digest ICP-AES Finish (ME-ICP61) – Ag, Al, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sr, Th, Ti, Tl, U, V, W, Zn.
		  • Ore Grade 4 Acid Digest ICP-AES Finish (ME-OG62)
		• Standards were used for external laboratory checks by Artemis.
		• Duplicates were used for external laboratory checks by Artemis.
		• Portable XRF (pXRF) analysis was completed using Innovex Delta unit. XRF analysis was completed on the single metre sample bulk drill ample retained on site. Further statistical analysis will be completed to better determine the accuracy and precision of the pXRF unit based on laboratory assay results.
		• Portable XRF results are considered semi-quantitative and act as a guide to mineralised zones and sampling.

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.*	• At least two company personnel verify all significant results. • All geological logging and sampling information is completed firstly on to paper logs before being transferred to Microsoft Excel spreadsheets. Physical logs and sampling data are returned to the Hastings head office for scanning and storage. • No adjustments of assay data are considered necessary.
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.*	• A Garmin GPSMap62 hand-held GPS was used to define the location of the drillhole collars. Standard practice is for the GPS to be left at the site of the collar for a period of 5 minutes to obtain a steady reading. Collar locations are considered to be accurate to within 5m. Collars will be picked up by DGPS if warranted in the future. • Downhole surveys were captured at 30 metre intervals for the drillholes completed by Artemis. • The grid system used for all Artemis drilling is GDA94 (MGA 94 Zone 50) • Topographic control is obtained from surface profiles created by drillhole collar 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*	• Current drillhole spacing is variable and dependent on specific geological, and geophysical targets, and access requirements for each drillhole. • No sample compositing has been used for drilling completed by Artemis. All results reported are the result of 1 metre downhole sample intervals.

Criteria	JORC Code explanation	Commentary
	continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. • *Whether sample compositing has been applied.*	
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.*	• Drillholes were located in order to intersect the target at an angle perpendicular to strike direction. As the target structures were considered to be steep to moderately dipping, all Artemis drillholes were angled at -55 or -60 degrees.
Sample security	• *The measures taken to ensure sample security.*	• The chain of custody is managed by the supervising geologist who places calico sample bags in polyweave sacks. Up to 10 calico sample bags are placed in each sack. Each sack is clearly labelled with: ○ Artemis Resources Ltd ○ Address of laboratory ○ Sample range • Samples were delivered by Artemis personnel to the transport company in Karratha and shrink wrapped onto pallets. • The transport company then delivers the samples directly to the laboratory.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• Data is validated upon up-loading into the master database. Any validation issues identified are investigated prior to reporting of results.

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.*	• RC drilling by Artemis was carried out on E47/1797 – 100% owned by Artemis Resources Ltd. This tenement forms a part of a broader tenement package that comprises the West Pilbara Project. • This tenement is in good standing and no known impediments exist (see map provided in this report for location).

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.*	
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• The most significant work to have been completed historically in the Carlow Castle area, including the Little Fortune and Good Luck prospects, was completed by Open Pit Mining Limited between 1985 and 1987, and subsequently Legend Mining NL between 1995 and 2008. • Work completed by Open Pit consisted of geological mapping, geophysical surveying (IP), and RC drilling and sampling. • Work completed by Legend Mining Ltd consisted of geological mapping and further RC drilling. • Legend also completed an airborne ATEM survey over the project area, with follow up ground-based FLTEM surveying. Re-processing of this data was completed by Artemis, and was critical in developing drill targets for the completed RC drilling. • Compilation and assessment of historic drilling and mapping data completed by both Open Pit and Legend has indicated that this data is compares well with data collected to date by Artemis. Validation and compilation of historic data is ongoing. • All exploration and analysis techniques conducted by both Open Pit and Legend are considered to have been appropriate for the style of deposit.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The Carlow Castle Co-Cu-Au prospect includes a number of mineralised shear zones, located on the northern margin of the Andover Intrusive Complex. Mineralisation is exposed in numerous workings at surface along numerous quartz rich shear zones. Both oxide and sulphide mineralisation is evident at surface associated with these shear zones. • Sulphide mineralisation appears to consist of Chalcopyrite, chalcocite, cobaltite and pyrite
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*	• Collar information for all drillholes reported is provided in the body of this report.

Criteria	JORC Code explanation	Commentary
	information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	
Data aggregation methods	• *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.*	• All intervals reported are composed of 1 metre down hole intervals for Reverse Circulation drilling, and lithologically intervals are used for Diamond core and are therefore length weighted. • No upper or lower cutoff grades have been used in reporting results. • No metal equivalent calculations are used in this report.
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').*	• True widths of mineralisation have not been calculated for this report, and as such all intersections reported are down-hole thicknesses. • A better understanding of the deposit geometry will be achieved on thorough interpretation of the data. True thicknesses may be reported at a later date if warranted. Due to the moderately to steeply dipping nature of the mineralised zones, it is expected that true thicknesses will be less than the reported down-hole thicknesses.
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• Appropriate maps and sections are available in the body of this announcement.

Criteria	JORC Code explanation	Commentary
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• Reporting of results in this report is considered balanced.
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.*	• Targeting for the RC drilling completed by Artemis was based on compilation of historic exploration data, and the surface expression of the targeted mineralised shear zones and associated historic workings.
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions, 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.*	• The results at the Carlow Castle Co-Cu-Au project warrant further drilling. The drill program results to date are considered excellent.