Significant Coherent Copper Target Confirmed at Yathella

Surface geochemistry refines copper-in-soil anomaly to define surface expression of coincident Fixed Loop EM conductor

Highlights

- ❑ **Additional surface soil sampling has defined a large, strong and open-ended copper-in-soil anomaly at the emerging Yathella Copper Prospect (located approximately 6 km from the Collerina Copper Deposit).**
- ❑ **The copper anomaly coincides with the up dip/plunge surface expression of a large Fixed Loop electromagnetic (EM) conductor, which models at a depth of approximately 140m below surface.**
- ❑ **The interpreted geological setting is a large zone of structural thickening of the prospective Collerina VMS horizon – an excellent setting to concentrate base metal mineralisation.**
- ❑ **Significantly, the size of the target and copper geochemistry tenor at Yathella is directly analogous to early surface sampling at the Collerina Copper Deposit.**
- ❑ **The EM response at Yathella is also of a similar amplitude to that returned for the Collerina Deposit.**
- ❑ **A recent shallow single scout drill hole in the broader target stratigraphy at Yathella confirmed the presence of anomalous copper (12m @ 0.13% Cu from 8m) in weathered basement rocks similar to the near surface oxide zone at the Collerina Copper Deposit.**

Next Steps

- ❑ **Planning is underway and approvals are being sought for a maiden RC drilling program to test the coincident geological, geochemical and geophysical targets at Yathella.**

Helix Resources Limited (ASX:HLX) (**Helix**) is pleased to announce exploration activities at the emerging Yathella Prospect have continued to return encouraging surface copper results.

Significantly, the large and well-defined copper-in-soil anomaly is coincident with the surface expression of a basement Fixed Loop EM anomaly. Early results at Yathella also show a strong similarity in geological setting, scale and tenor to the early Collerina Copper Deposit results.

Yathella Copper Prospect

In regional context, the Yathella Copper Prospect was one of several airborne EM conductors defined in early 2017 by Helix, with it being of similar amplitude to the Collerina Copper Deposit's airborne EM response.

A follow-up auger soil program, combined with previously reported auger soils, has now identified a large copper-in-soil anomaly over an open-ended 250m by 250m area at the Yathella Copper Prospect.

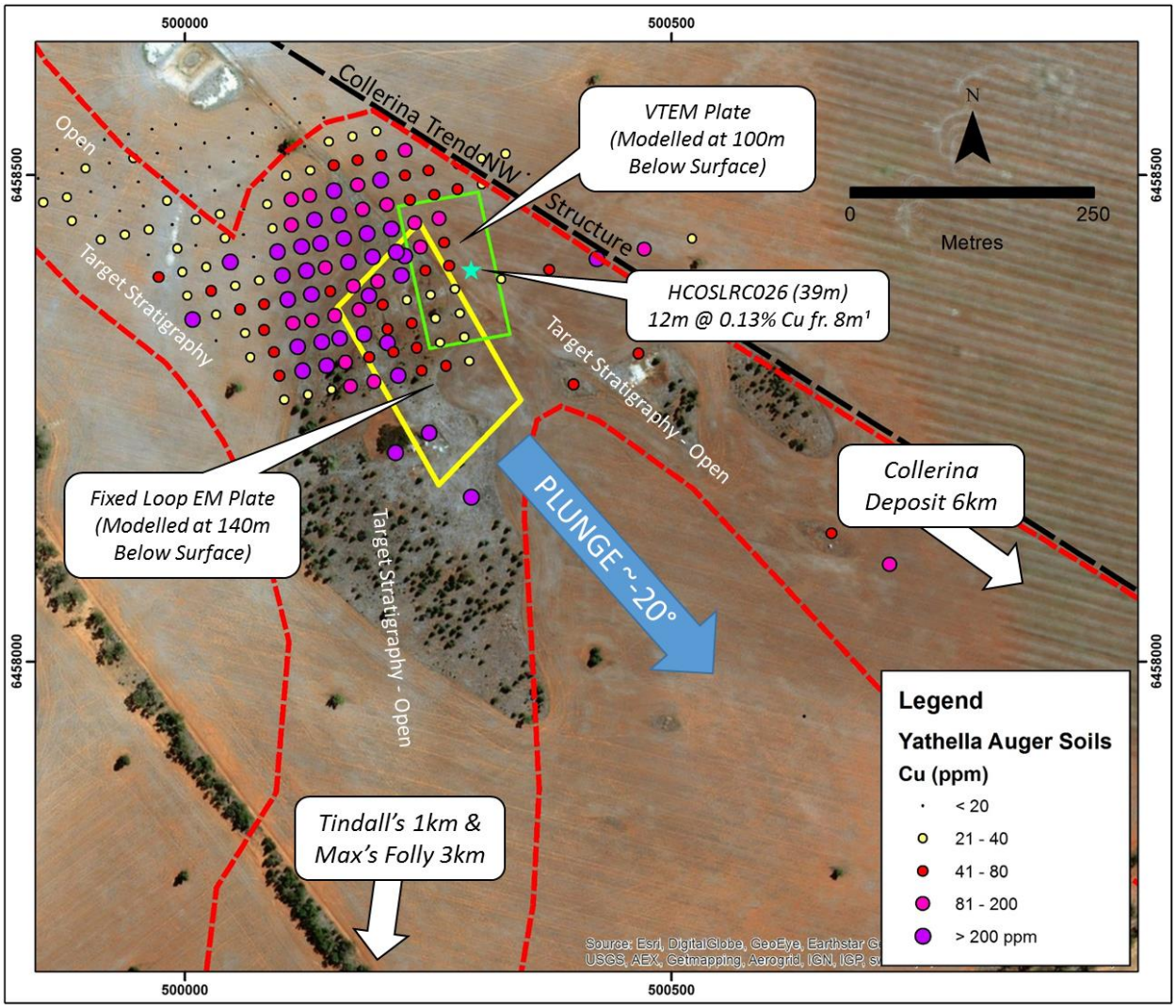

Figure 1: Open-ended copper in soil anomaly and position of Fixed Loop EM conductor within interpreted regional fold at the emerging Yathella Copper Prospect.

The large Fixed Loop EM conductor at the Yathella Copper Prospect models at a depth below weathering (approximately 140m below surface) and has a conductance of 100-200 Siemens. This conductive amplitude is similar to the original Collerina Copper Deposit surface EM response, at 120 Siemens.

A nearby single scout slim-line RC hole drilled this year prior to the recent surface soil sampling is interpreted to have intersected the eastern extension of the target stratigraphy. The drill hole confirmed

the presence of anomalous copper (12m @ 0.13% Cu from 8m; reported to ASX on 17/05/2018) in the weathered basement rocks. The hole returned an intercept tenor and width that is consistent with peripheral drilling near surface, around the extensions of the Collerina Copper Deposit. This provides additional confidence that the deeper EM conductors may be related to copper-bearing sulphides.

Figure 2: Photo of gossanous (ex-sulphide) rock float at the Yathella Copper Prospect; the material is consistent with surface gossan at the Collerina Deposit.

Geological Setting

The geological setting of the Yathella Copper Prospect has been interpreted to represent a structural thickening of the target VMS stratigraphy.

This may be the result of the stratigraphy being folded by multiple regional deformation events, or where two faulted stratigraphic trends have converged during deformation. In either scenario, this structural thickening is an excellent setting to focus fluids and provide for a potential accumulation of base metal mineralisation.

The surface copper anomaly at Yathella defines the interpreted stratigraphic thickening well. This interpretation is complemented by the position of the fixed loop EM conductor, which appears to be related to the plunge component of this thickening.

In addition, this geological setting has compelling similarities to the geological setting of the thicker copper mineralised zones observed at the Collerina Copper Deposit.

Next Steps

Planning is underway and approvals are being sought for a maiden RC drilling program at the Yathella Copper Prospect.

The program is expected to consist of a number of holes testing various geological, geochemical and geophysical targets from surface through to the modelled EM plate at depth.

Regionally, the Company plans to continue exploration along the prospective Collerina VMS corridor, where additional mineral systems are expected to have formed (VMS Clusters). Prospects on the Gwinear Trend, Klante Trend and Widgelands areas are showing early encouraging evidence of copper enrichment, which may see additional prospects emerge to drill-ready status in the coming months (refer Figure 3).

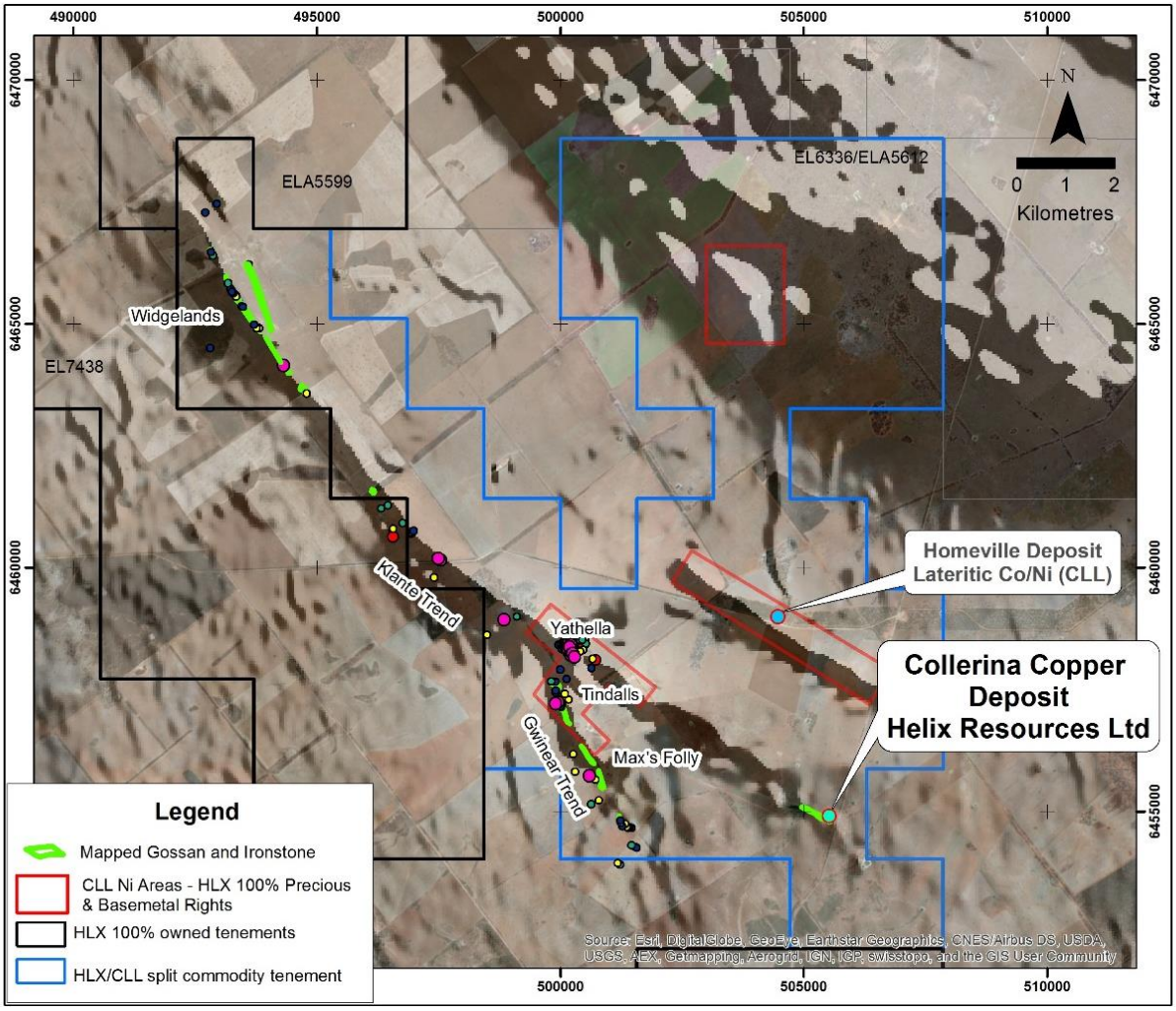

Figure 3: Location of recent significant copper rock chip results along the 25km trend on the Collerina Project in NSW

Managing Director Mick Wilson said: "*We are very encouraged by these early results. At Yathella we now have strong, coherent copper geochemistry, coincident with an electromagnetic conductor, all sitting in a compelling geological setting. We know VMS systems form in clusters, Yathella is only 6km NW along the prospective trend from the Collerina Copper Deposit, so in addition to the breakthroughs we are having in our understanding of the Collerina Copper Deposit, it is exciting to think we may have the beginnings of a second potentially significant copper system emerging here at the Yathella Copper Prospect.*"

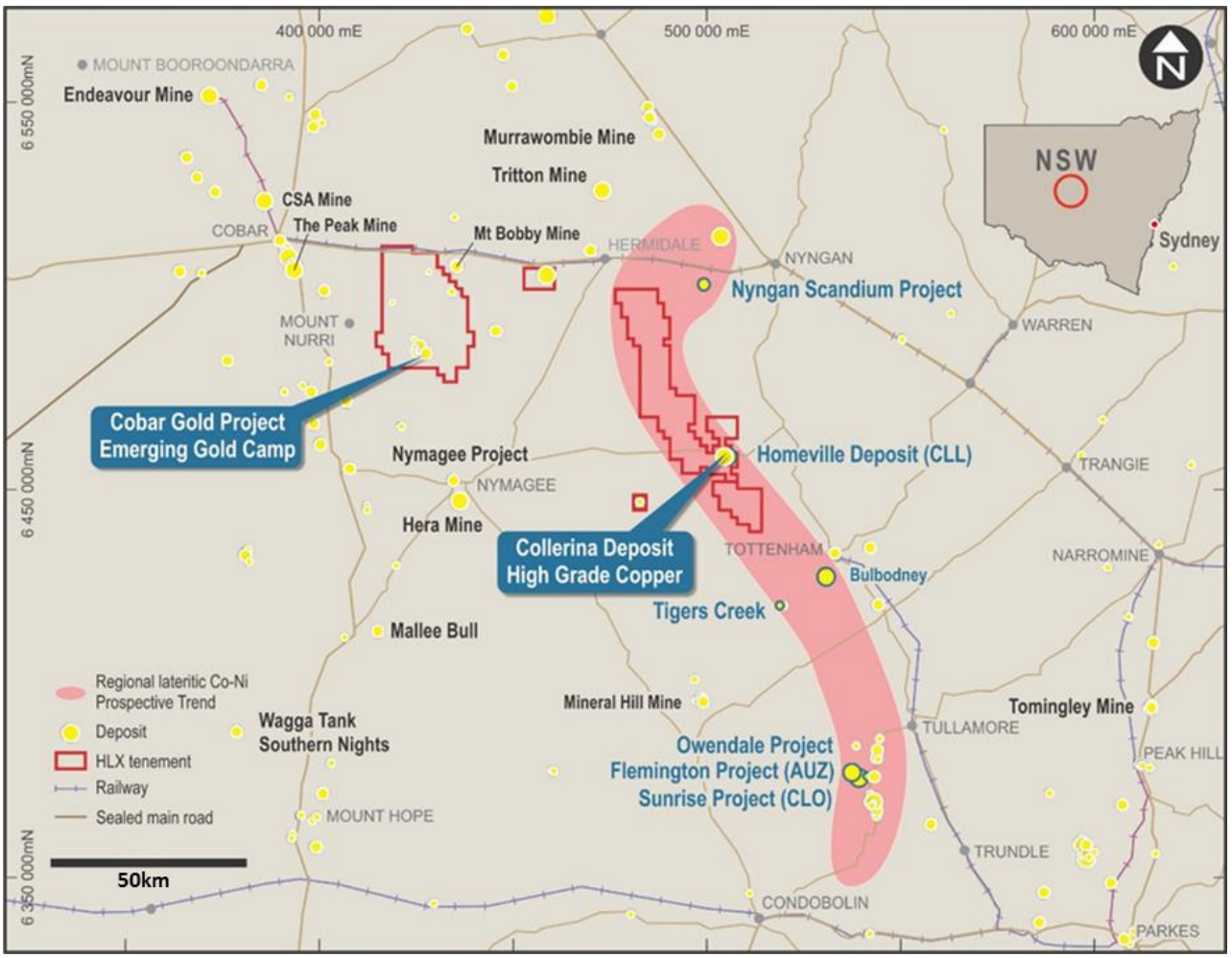

Figure 3: Location map showing Helix's Central NSW projects in relation to operating Copper and Gold mines and lateritic Co-Ni projects

- ENDS -

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Competent Persons Statement

The information in this announcement that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information reviewed by Mr M Wilson who is a full time employee of Helix Resources Limited and a Member of The Australasian Institute of Mining and Metallurgy. Mr M Wilson 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 2004 and 2012 Editions of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr M Wilson consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Details of the assumptions underlying any Resource estimations are contained in previous ASX releases or at www.helix.net.au

For full details of exploration results refer to previous ASX announcements on Helix's website. Helix Resources is not aware of any new information or data that materially effects the information in this announcement

[1] For full details of exploration results refer to the ASX announcements dated 4 February 2015, 29 June 2016, 1 December 2016, 3 August 2017, 8 November 2017, 14 February 2018, 27 February 2018, 5 April 2018 and 17 May 218. Helix Resources is not aware of any new information or data that materially effects the information in these announcements.

Forward-Looking Statements

This ASX release may include forward-looking statements. These forward-looking statements are not historical facts but rather are based on Helix Resources Ltd.'s current expectations, estimates and assumptions about the industry in which Helix Resources Ltd operates, and beliefs and assumptions regarding Helix Resources Ltd.'s future performance. Words such as "anticipates", "expects", "intends", "plans", "believes", "seeks", "estimates", "potential" and similar expressions are intended to identify forward-looking statements. Forward- looking statements are only predictions and are not guaranteed, and they are subject to known and unknown risks, uncertainties and assumptions, some of which are outside the control of Helix Resources Ltd. Past performance is not necessarily a guide to future performance and no representation or warranty is made as to the likelihood of achievement or reasonableness of any forward-looking statements or other forecast. Actual values, results or events may be materially different to those expressed or implied in this presentation. Given these uncertainties, recipients are cautioned not to place reliance on forward looking statements. Any forward- looking statements in this announcement speak only at the date of issue of this announcement. Subject to any continuing obligations under applicable law and the ASX Listing Rules, Helix Resources Ltd does not undertake any obligation to update or revise any information or any of the forward-looking statements in this announcement or any changes in events, conditions or circumstances on which any such forward looking statement is based.

No new information that is considered material is included in this document. All information relating to exploration results has been previously released to the market and is appropriately referenced in this document. JORC tables are not considered necessary to accompany this document.

Table 1: List of auger soil sample results (Note: blue sample no.s are new soil results, black sample no.s are previously collected and announced soil results).

Sample No.	Northing	Easting	Ars	Au	Bi	Cu	Pb	Sb	Zn
271162	6458269	500102	7	1	0.3	31	19	0.7	70
271163	6458275	500126	3	5	0.2	30	11	0.5	74
271164	6458280	500151	2	9	-0.1	24	3	0.2	56
272459	6458283	500170	4	7	-0.1	131	6	0.36	140
272460	6458288	500194	6	16	0.2	96	11	0.96	166
271165	6458294	500096	4	2	0.1	49	7	0.4	178
272461	6458294	500219	3	10	-0.1	245	3	0.72	236
272462	6458299	500243	4	11	0.1	45	8	0.84	100
271166	6458299	500121	6	6	0.1	214	17	0.3	148
272463	6458304	500268	6	9	0.1	46	8	0.76	116
271167	6458304	500145	6	5	0.1	229	17	0.4	150
272471	6458308	500165	5	6	0.2	142	9	0.8	90
272464	6458309	500292	6	6	0.2	24	9	0.98	74
272472	6458313	500189	5	8	0.1	62	6	0.82	114
271168	6458313	500067	5	1	0.3	27	14	0.7	44
272473	6458318	500214	5	13	0.1	62	7	0.76	116
271169	6458318	500091	6	2	0.3	53	13	0.6	84
272474	6458323	500238	7	21	0.1	71	6	1.44	120
271170	6458324	500116	5	3	0.2	220	10	0.9	92
272475	6458328	500262	7	10	0.2	25	8	1.14	50
271171	6458329	500140	6	3	0.1	224	9	0.8	96
272414	6458330	500032	6	2	0.2	18	11	0.68	40
272430	6458332	500159	5	7	0.1	413	5	1.8	76
272431	6458334	500287	9	12	0.2	33	6	1.52	48
272454	6458337	500184	5	12	-0.1	228	4	2.3	112
271172	6458338	500062	5	1	0.3	36	15	0.7	48
272415	6458341	500081	7	3	0.2	42	13	0.72	56
272455	6458342	500208	8	4	0.2	41	8	1.3	50
271173	6458348	500111	6	8	0.2	154	10	0.9	106
272456	6458348	500233	7	4	0.2	42	8	1.32	52
272416	6458351	500130	5	6	0.1	134	7	0.7	90
271174	6458352	500008	4	3	0.1	210	9	0.7	92
272457	6458353	500257	11	10	0.2	28	9	1.52	42
272417	6458356	500154	8	6	0.2	87	5	3.44	52
271175	6458357	500032	4	1	0.2	22	12	0.6	34
272458	6458358	500282	10	10	0.2	27	8	1.46	36
272418	6458362	500179	8	7	0.2	95	5	3.18	52
271176	6458362	500056	5	2	0.3	43	14	0.7	54
272419	6458367	500203	8	15	0.2	76	7	3.32	62
271178	6458367	500081	5	4	0.3	51	18	0.9	74
272420	6458372	500228	12	8	0.2	36	6	1.98	32
271179	6458372	500105	5	14	0.1	424	7	1.5	220
271181	6458376	500002	5	2	0.3	38	13	0.8	40
272421	6458377	500252	11	8	0.2	31	6	1.46	38
272422	6458377	500252	14	9	0.2	32	9	1.62	38
271180	6458378	500130	4	16	0.1	427	7	1.8	222
272465	6458381	500149	5	7	0.2	66	9	2.06	82
271182	6458381	500027	6	2	0.3	50	19	1	58
272423	6458383	500277	12	10	0.2	35	10	1.94	44
272466	6458386	500173	10	16	0.2	81	8	2.92	70
271833	6458386	500051	6	2	0.3	27	15	0.8	40
272467	6458391	500198	10	17	0.2	86	9	2.74	74
271184	6458392	500076	5	1	0.2	22	15	0.8	40
272424	6458393	500325	14	3	0.2	35	10	2	66

Sample No.	Northing	Easting	Ars	Au	Bi	Cu	Pb	Sb	Zn
271187	6458395	499973	5	2	0.3	61	13	0.9	52
271185	6458397	500100	6	11	0.2	1080	24	3.1	352
272468	6458397	500222	6	28	0.1	416	6	5.08	204
271188	6458401	499997	5	1	0.2	39	12	0.7	38
272469	6458402	500247	13	10	0.2	47	9	1.92	40
271186	6458402	500125	5	10	0.2	391	8	3.4	164
272425	6458403	500374	25	8	0.2	64	10	5.5	76
272408	6458405	500144	7	6	0.2	105	10	2.76	110
271189	6458406	500022	6	2	0.3	32	16	0.8	50
272470	6458407	500271	13	10	0.2	46	9	1.7	42
271190	6458411	500046	6	10	0.1	398	7	3.4	166
272409	6458411	500168	5	18	0.1	1330	6	5.32	156
272426	6458414	500423	21	19	0.1	384	8	4.52	146
272410	6458416	500193	7	15	0.2	936	7	6.96	142
271191	6458416	500071	4	-1	0.2	18	12	0.7	32
272438	6458418	499962	5	2	0.2	14	12	0.84	48
272411	6458421	500217	13	13	0.1	623	8	5.1	128
271192	6458421	500095	9	5	0.2	216	12	4	136
272428	6458424	500472	23	8	0.2	84	9	7.14	158
271194	6458425	499992	4	12	0.3	30	12	0.8	40
272412	6458426	500242	14	8	0.2	93	11	3.16	72
271193	6458427	500119	7	5	0.2	222	13	4.1	142
272439	6458428	500011	5	6	0.2	11	10	0.62	32
272402	6458430	500139	10	13	0.2	403	10	3.46	152
272413	6458431	500266	11	4	0.2	50	11	2.02	50
271197	6458434	499913	4	2	0.3	24	15	0.8	52
272403	6458435	500163	9	14	0.2	338	8	4.38	106
272429	6458435	500521	8	2	0.3	28	10	1.52	82
271195	6458435	500041	2	1	0.3	22	13	0.7	40
272440	6458439	500060	5	3	0.2	10	11	0.64	36
271198	6458439	499938	6	2	0.3	22	15	0.9	44
272404	6458440	500187	11	15	0.2	347	8	4.42	92
271199	6458444	499962	7	2	0.3	28	15	0.7	50
272405	6458445	500212	29	16	0.2	332	9	18.6	144
271196	6458446	500090	6	1	0.2	30	13	0.8	52
272441	6458449	500109	6	3	0.2	124	11	1.46	78
271200	6458449	499987	6	1	0.3	20	14	0.9	40
272406	6458451	500236	15	6	0.2	107	11	5.46	60
271054	6458453	499884	7	1	0.3	23	18	0.7	56
272442	6458454	500133	9	10	0.2	218	11	3.92	88
278151	6458455	500011	7	1	0.3	23	14	0.8	54
272407	6458456	500261	14	6	0.2	113	11	6.02	58
271055	6458458	499908	6	2	0.3	20	16	0.8	48
272443	6458459	500158	7	7	0.2	205	10	2.62	82
278153	6458460	500036	6	-1	0.2	22	15	0.8	50
271056	6458464	499933	4	1	0.3	16	16	0.7	44
272444	6458465	500182	20	11	0.2	125	9	10.1	82
278154	6458465	500060	7	1	0.3	18	14	0.8	42
271057	6458469	499957	3	2	0.3	20	15	0.7	50
272445	6458470	500207	19	8	0.2	88	12	6.14	90
278155	6458470	500085	3	-1	0.2	25	14	0.7	42
271069	6458472	499854	7	1	0.4	26	20	1	48
271058	6458474	499982	6	1	0.3	23	16	0.7	52
272446	6458475	500231	19	8	0.2	78	13	6.2	62

Sample No.	Northing	Easting	Ars	Au	Bi	Cu	Pb	Sb	Zn
278156	6458475	500109	6	3	0.3	88	14	0.9	66
271070	6458478	499879	6	-1	0.3	23	16	0.8	54
272432	6458479	500128	7	3	0.2	103	11	2.04	90
271059	6458479	500006	6	1	0.3	13	14	0.9	30
272447	6458480	500256	13	9	0.3	64	10	4.12	44
271071	6458483	499903	5	1	0.3	20	16	0.7	46
272433	6458484	500153	18	6	0.2	567	17	19.1	304
271060	6458484	500030	5	1	0.3	15	14	0.6	42
272448	6458486	500280	10	8	0.2	46	11	2.44	46
271072	6458488	499927	6	2	0.3	20	15	0.7	46
271061	6458490	500055	4	2	0.3	18	15	0.7	46
272434	6458490	500177	23	10	0.3	141	14	8.66	98
272449	6458491	500305	8	6	0.2	31	12	1.44	50
271073	6458493	499952	6	1	0.3	20	16	0.7	54
271062	6458495	500079	5	1	0.3	16	13	0.7	40
272435	6458495	500201	13	8	0.2	224	11	4.18	376
271085	6458497	499849	5	-1	0.3	20	15	0.7	52
271074	6458498	499976	8	1	0.3	20	16	0.8	52
271063	6458500	500104	6	-1	0.3	23	18	0.8	40
272436	6458500	500226	16	22	0.2	61	9	6.04	68
272450	6458501	500353	8	8	0.2	20	13	1.46	50
271086	6458502	499873	4	-1	0.3	19	15	0.7	46
271075	6458504	500001	5	1	0.3	17	15	0.6	48
272437	6458505	500250	13	7	0.2	48	12	3.84	56
271064	6458505	500128	5	1	0.2	22	13	0.8	38
271098	6458506	499770	4	1	0.3	18	15	0.7	44
271087	6458507	499898	7	1	0.3	26	17	0.9	58
271076	6458509	500025	4	1	0.3	17	15	0.7	52
271065	6458510	500153	9	3	0.3	66	16	1.7	60
271099	6458511	499795	5	-1	0.3	18	16	0.7	46
271051	6458512	500280	8	5	0.3	40	14	1.5	54
272451	6458512	500402	9	3	0.2	23	12	1.46	58
271088	6458512	499922	5	2	0.3	20	15	0.6	46
271078	6458514	500050	4	1	0.3	19	14	0.7	40
271066	6458516	500177	14	15	0.3	54	16	3.3	68
271100	6458516	499819	8	-1	0.4	20	17	0.8	58
271052	6458517	500305	8	3	0.3	32	15	1.3	46
271089	6458518	499947	4	2	0.3	22	14	0.7	44
271079	6458519	500074	3	-1	0.2	15	13	0.7	36
271067	6458521	500202	14	19	0.3	75	20	7.2	68
271151	6458521	499844	6	1	0.3	17	15	0.7	46
272453	6458522	500451	8	2	0.2	21	11	1.34	50
271053	6458522	500329	8	2	0.3	31	16	1.5	44
271090	6458523	499971	7	1	0.3	20	16	0.8	54
271080	6458524	500099	4	1	0.3	17	14	0.7	42
271068	6458526	500226	32	9	0.3	92	17	8.9	72
271153	6458526	499868	6	1	0.3	16	16	0.7	52
271091	6458528	499996	5	2	0.3	19	15	0.7	48
271081	6458530	500123	5	1	0.3	19	13	0.7	38
271154	6458532	499893	6	1	0.4	20	20	0.8	52
272401	6458533	500500	7	-1	0.3	42	16	0.96	68
271092	6458533	500020	5	1	0.3	19	13	0.7	44
271082	6458535	500148	5	6	0.4	25	18	1	56
271155	6458537	499917	4	1	0.3	18	14	0.6	40

JORC Code – Table 1

Sampling Techniques and Data

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.*	• The Collerina auger sampling used the company's Landcruiser mounted Hydralic auger rig. • The auger hole locations were located by handheld GPS. • Auger was used to obtain a sample from each hole at the rock/soil interface. Samples were sieved and bagged at the rig, samples from each location were collected by Helix staff for assay.
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).*	• Auger soil sampling was the method chosen and were drilled with a 100mm blade on auger flights, using industry practice methods.
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 are good and any sample under-sized was noted the sample logs. • Samples were checked for soil type, moisture content and possible contamination. Any issues are discussed with the field team.

Criteria	JORC Code explanation	Commentary
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *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 samples locations have a representative sieved amount of material collected in trays for future reference. • Logging soil type, fabric and colour is undertaken. • All sites were assessed.
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 appropriate to the grain size of the material being sampled.*	• The preparation of samples follow industry practice. This involves oven drying, pulverization of total sample using LM5 mills until 85% passes 75 micron. • Field QA_QC involved repeat sampling and the laboratories standard QA_QC procedures. • The sample sizes are considered appropriate to the grain size of the material being sampled. Repeatability of assays was good.
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.*	• All assays were conducted at accredited assay laboratory. The analytical technique used for base metals is a mixed acid digest with a MS collection. • Laboratory QA/QC samples involving the use of blanks, duplicates, standards (certified reference materials), replicates as part of in-house procedures.

Criteria	JORC Code explanation	Commentary
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.*	• Results have been verified by Company management. • Sampling data was collected using handwritten log sheets This data, together with the assay data received from the laboratory and subsequent survey data were entered into a secure Access databases and verified.
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.*	• The sample positions were picked-up using GPS. • Grid system is GDA94 Zone 55. • Surface RL data collected using GPS. Topography around the area is a slight rise grading from Grid South-West to drainage northeast of the area. Variation in topography is less than 5m across the area.
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 samples at the Yathella Prospect were targeting an area above a geophysical anomaly. • This was a second phase of sampling conducted by Helix to assess the scale of the Yathella Copper Prospect. • Sampling involved collecting sieved soil samples from each location
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.*	• A single shallow copper targeting drill hole has been completed by Helix so far this area. • No orientation based sampling bias has been identified in the data to date. • Anomalous copper was returned in numerous samples.
Sample security	• *The measures taken to ensure sample security.*	• Chain of Custody is managed by the Company. The samples were freighted directly to the laboratory with appropriate documentation listing sample numbers intervals and/or cut, with analytical methods requested.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• QA/QC sample duplicates and laboratory standards have been conducted in this program.

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 Collerina Project is on EL6336/ELA5612. Helix has secured the precious and base metal rights, and certain rights to lateritic cobalt and nickel rights under a split commodity agreement with the owners Augur minerals Limited (Now Collerina Cobalt Limited). The tenement is in good standing. There are no known impediments to operating in this area.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Previous modern exploration on the Collerina tenement for copper was limited to Historic copper shafts and pits are present in the area, which date back to small scale mining activities in the early 1900's. CRA completed 3 holes at Collerina prior to Helix's involvement
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The prospects are considered to be similar to Tritton-style mineralisation and structurally modified VMS systems, similar to the many similar copper systems in the region.
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:* • *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.*	• All samples and associated results have been reported
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.*	• Results were reported for new and previously collected auger soils at the Yathella Prospect • No weighting has been used • No metal equivalent results were reported.

Criteria	JORC Code explanation	Commentary
	• *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	
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 program was designed to assess the scale of the Yathella Copper Prospect and identify a geochemical response at surface that may relate to copper sulphides accumulation at depth. •
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.*	• Refer to figure 1
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.*	• Refer to Table 1
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.*	• Previously reported activities Refer to ASX announcements on www.helix.net.au for details
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.*	• A maiden RC Program is being planned and if successful it is expected to be followed up with further geophysics and drilling at the Yathella Prospect area.