

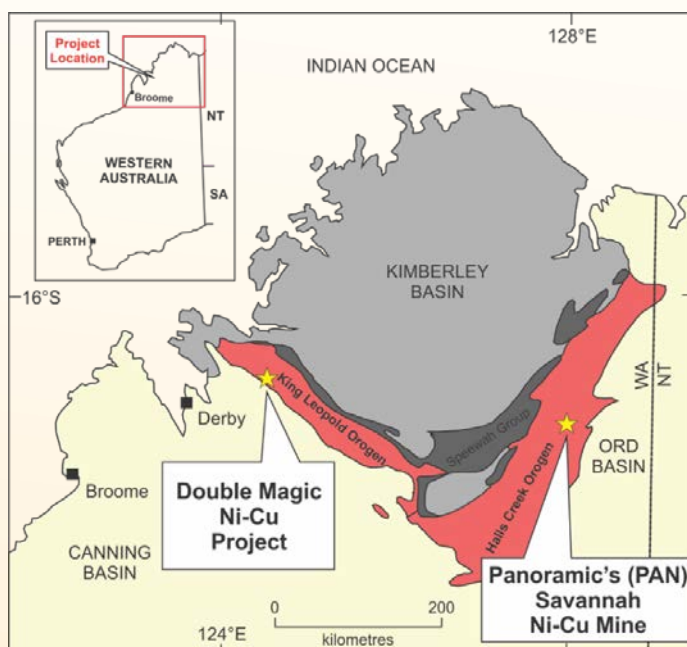
## Quarterly Activities Report for period ending 30<sup>th</sup> June 2017

### Double Magic Project Ni & Cu – West Kimberley

- Reverse Circulation (RC) drill rig on site, drilling has commenced
- Diamond Drilling (DD) drill rig on site
- Forthcoming work program set to fully test extents of the Merlin Ni-Cu mineralised system, with up to 10,000 metres of drilling
- Samples will be batched for laboratory submission, assay results will be received systematically in blocks during drilling
- High power DHTEM will be completed routinely on every hole
- At the Fireant prospect, detailed mapping and sampling was completed during June

### Corporate

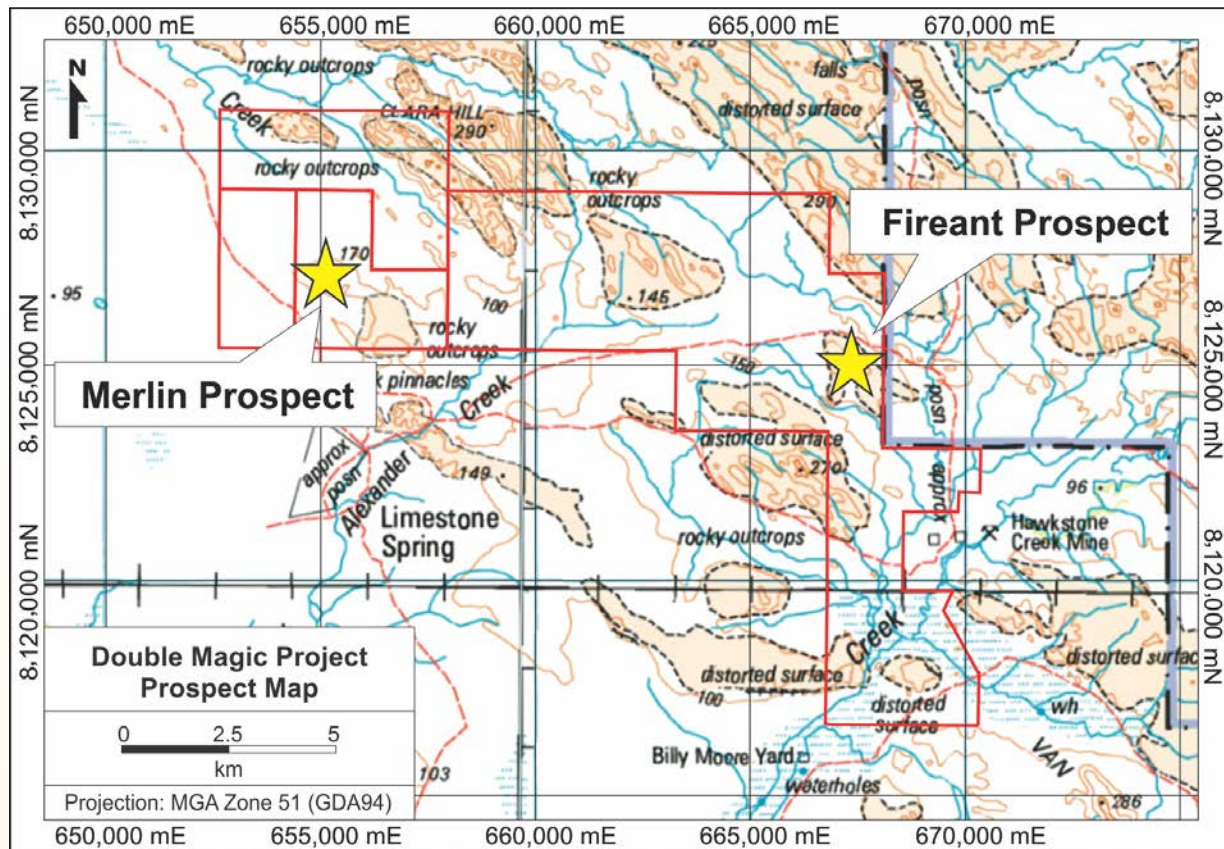
- Successful capital raising of \$4.55 million
- 19,790,038 shares issued at 23 cents per share
- Buxton's largest shareholder, NBH Group increases stake by \$500k
- Cash balance (30 June 2017) of approximately \$5.22 million



*Figure 1 – Location of the Double Magic Ni-Cu Project in Western Australia. Also shown is the location of Panoramic's Savannah Ni-Cu Mine.*

## **Double Magic Ni & Cu – West Kimberley**

Buxton Resources is pleased to provide an update for its 100% owned nickel-copper projects (Double Magic and Sentinel) located in the West Kimberley region of Western Australia. For project locations, see Figure 1 above. For prospect locations within the Double Magic Project, see Figure 2 below.



**Figure 2** – Location of Double Magic prospect areas

During the quarter, Buxton prepared for the planned 10,000 metre RC and diamond drilling campaign. Programs of Work were approved by the DMP, drilling and earthmoving contracts let and personnel engaged on that assumed schedule.

After a prolonged 2016-17 Wet season, Buxton has re-established site access and drilling has now begun at Merlin with up to 10,000m of both RC and DD from circa 30 holes to be completed. Drill targets fall into three distinct but often overlapping categories;

- 1) Step-out drilling around open, near-surface mineralisation identified by the 2015 drilling;
- 2) Testing down-dip extensions of the 700m continuous zone of primary Ni-Cu sulphides identified in outcrop during 2016 (ASX 2/11/16)
- 3) Testing deeper or conceptual geological and geophysical targets, including the large IP chargeability anomaly identified by Buxton in 2016.

Importantly, all EM conductors (airborne, surface and down-hole) drill tested to date at Merlin have proven to be related to nickel-copper sulphide mineralisation. Two 2015 holes also clipped the edge of the 2016 IP chargeability anomaly, these holes also intersected disseminated, magmatic Ni-Cu sulphides in prospective igneous mafic rocks.

Coupled with sulphide mineralisation in outcrop in two locations and the numerous, widespread high-grade Ni-Cu intersections in 2015 drilling (see Figure 3 below), Buxton is confident that the Merlin prospect represents a large, previously unknown magmatic Ni-Cu sulphide system. The 2017 program beginning now is designed to explore within that system.

As a routine part of the drill program, gyro surveys will be conducted on all holes as well as high-power down-hole TEM (DHTEM) surveys. Drill samples will be submitted routinely in batches to laboratories in Perth. Significant assay results will be reported as they come to hand. Additional market updates will also be issued as required.

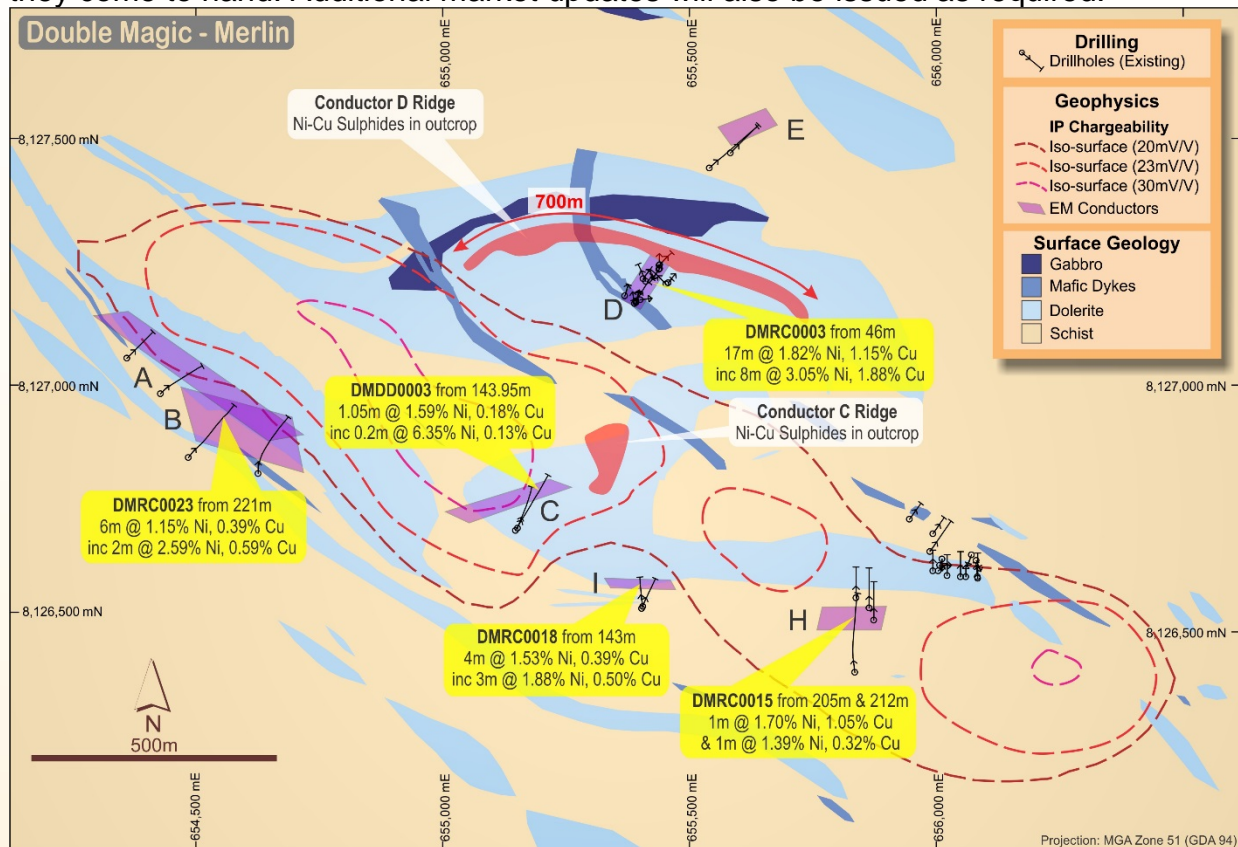


Figure 3 – Simplified geology, geophysical responses, and previously reported 2015 drillhole intersections, Merlin Prospect

As part of mapping and sampling completed during June at the Fireant prospect 15km to the east, several geophysical (VTEM) drill targets were upgraded in prospectivity. Large volumes of prospective igneous mafic rocks have now been outlined at Fireant. Traces of fine disseminated sulphides were seen in rocks prospective for magmatic sulphide systems, updip of several modelled VTEM conductor plates. A seventh combined geological and geophysical target was also added to the initial six Fireant conductors selected for drill testing, planned to be one initial hole per target.



## **Corporate**

On 8 May 2017, Buxton announced that it had raised \$500,000 through the placement of approximately 2.2 million shares at 23 cents per share, pursuant to Section 708 of the Corporations Act.

The placement was granted to a private Chinese conglomerate, National Business Holdings (“NBH”), an important strategic, and largest, Buxton shareholder. NBH is a subsidiary of CEFC China Energy. Since 2013 the company has been listed on the Fortune Global 500 list.

On 15 May 2017, Buxton announced that announce that it had successfully completed a bookbuild to raise a further \$4 million from sophisticated and professional investors through the issue of up to approximately 17.4 million new shares at 23 cents per share.

Hartleys Limited and Patersons Securities Limited acted as Joint Lead Managers to the Placement and it was particularly well supported by existing shareholders.

Buxton continues to meet all necessary expenditure needs and is, per usual, operating with demonstrable financial constraint and responsibility. Cash balance as at 30 June 2017 was approximately \$5.22 million.

### **For further information please contact:**

**Eamon Hannon**

Managing Director

[ehannon@buxtonresources.com.au](mailto:ehannon@buxtonresources.com.au)

**Sam Wright**

Company Secretary

[sam@buxtonresources.com.au](mailto:sam@buxtonresources.com.au)

## **Competent Persons**

*The information in this report that relates to exploration results and geology for the Double Magic Project is based on information previously reported under the 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves based on information compiled by Mr Mark Glasscock, Member of the Australasian Institute of Mining and Metallurgy, and Mr Derek Marshall, Member of the Australian Institute of Geoscientists. Mr Glasscock is an Independent Consultant to Buxton Resources Limited and Mr Marshall is a full-time employee. Mr Glasscock and Mr Marshall have sufficient experience which is relevant to the activity being undertaken to qualify as a “Competent Person”, as defined in the 2012 edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Forster and Mr Marshall consent to the inclusion in this report of the matters based on the information in the form and context in which it appears.*

## Appendix 1: Changes in interests in mining tenements - Buxton Resources Ltd

01/04/17 – 30/06/17

Interests in mining tenements relinquished, reduced or lapsed	Tenement	Location	% at beginning of quarter	% at end of quarter

Interest in mining tenements acquired or increased				

The mining tenements held at the end of the quarter and their location	E 28/2201	Widowmaker	10	10
	E 28/1959	Zanthus	10	10
	E 63/1595	Dempster	100	100
	E 63/1582	Dempster	90	90
	E 63/1720	Dempster	100	100
	ELA63/1675	Dempster	100	100
	ELA63/1676	Dempster	100	100
	ELA63/1677	Dempster	100	100
	ELA63/1685	Dempster	100	100
	ELA63/1686	Dempster	100	100
	ELA63/1687	Dempster	100	100
	ELA63/1688	Dempster	100	100
	ELA04/2466	Kimberley	100	100
	ELA04/2467	Kimberley	100	100
	ELA04/2468	Kimberley	100	100
	ELA04/2469	Kimberley	100	100
	ELA04/2480	Kimberley	100	100
	E09/1972	Yalbra	100	100
	E09/1985	Yalbra	100	100
	E09/2101	Yalbra	100	100
	ELA77/2237	Yilgarn	100	100
	ELA77/2238	Yilgarn	100	100
	E04/1533	Derby/West Kimberley	100	100
	E04/2026	Derby/West Kimberley	100	100
	E04/2060	Derby/West Kimberley	100	100
	E04/2142	Derby/West Kimberley	100	100
	E04/2408	Derby/West Kimberley	100	100
	E04/2406	Derby/West Kimberley	100	100
	E04/2407	Derby/West Kimberley	100	100
	E04/2411	Derby/West Kimberley	100	100
	P04/269	Derby/West Kimberley	100	100

### Abbreviations and Definitions used in Tenement Schedule:

E Exploration Licence      ELA Exploration Licence Application      P Prospecting Licence