

## CLARIFICATION OF RELEASE 16<sup>TH</sup> AUGUST 2017 – ADDITIONAL DATA ON SULPHIDE ABUNDANCE

- **Buxton is providing additional data as clarification of previous ASX release (16<sup>th</sup> August 2017)**
- **This release must be read in conjunction with the aforementioned release (16<sup>th</sup> August 2017)**

### Clarification of Sulphide Abundance in Drillholes

Buxton has added descriptive data to Table 3 below after a clarification request from the ASX. It should be noted that all listed intersections occur within mafic and ultramafic rocks interpreted to be sills and/or dykes of the Lower Proterozoic Ruins Dolerite unit.

Intersections previously reported are further described below by classification into three types of mineralisation as follows;

1. Disseminated – very fine to medium grained sulphides, visually estimated sulphide abundance of trace to 2% sulphides by volume
2. Heavily disseminated - fine to coarse grained sulphides, visually estimated sulphide abundance of 2% to 10% sulphides by volume
3. Net textured - medium to coarse grained sulphides, some veinlets, visually estimated sulphide abundance of 5% to 15% sulphides by volume

Buxton did not previously provide this data as the Company believes including qualitative or “soft” data in this case does not enhance either transparency or materiality of the information being provided. Particular points of note are that;

- Visual estimates are not precise, accurate, or repeatable. Significant variability exists in these estimates due to varying sulphide grain size (very fine, fine, medium or coarse-grained), grain morphology (granular or elongated), sample type (core, coarse RC chips, fine RC chips, powder), gangue minerals (dark or light), binocular microscope use, time of day (lighting), and individual geologist. Buxton advises that an error range of at least +/-50% is likely in this data, particularly at lower sulphide levels
- The estimated sulphide abundance is partly a function of the interval being considered. RC data resolution is 1 metre, however core is typically logged to 0.01 metre (centimeter scale). Sulphide abundance is observed to vary rapidly and substantially. For Table 3 below, abundance in drill core has been visually averaged out to multi-metre scale, this averaging process will be neither accurate or precise
- In large, complex and chaotic systems like mafic-ultramafic magma chambers, the presence of any sulphides at all is highly significant and is a major exploration vector. Sulphide abundance varies rapidly and unpredictably within prospective zones over short distances. “Sulphides” versus “no sulphides” is the critical exploration indicator and targeting vector, not sulphide abundance. From this standpoint, estimated sulphide abundance is not material information
- The written summary descriptions and photograph in the initial release (ASX 16/08/17) are considered by Buxton to be both adequate and appropriate.

For details of drillhole locations and a summary of visible sulphide intersections greater than 5 metres in down-hole length, see Tables 2 and 3.

**Table 2: 2017 Drillhole Location Details**

hole type	Hole_ID	Easting	Northing	RL	azimuth	Inclination	EOH depth
Diamond	DMDD0005	655035	8126878	95	35	-80	434.4
Diamond	DMDD0006	655431	8127068	106	35	-60	150.4
Diamond	DMDD0007	655202	8127111	104	35	-60	261
RC	DMRC0025	655152	8127039	96	35	-80	316
RC	DMRC0026	654881	8127007	90	360	-90	385
RC	DMRC0027	655351	8127091	103	35	-60	258
RC	DMRC0028	655598	8127139	108	35	-60	132
RC	DMRC0029	655147	8127224	155	35	-60	234
RC	DMRC0030	656240	8126351	102	35	-60	240
RC	DMRC0031	655072	8126719	99	35	-60	306
RC	DMRC0032	654954	8127104	93	35	-60	265
RC	DMRC0033	655490	8127151	117	35	-60	90
RC	DMRC0034	655387	8127255	154	35	-60	78

**Table 3: Visible sulphide intersections greater than 5 metres down-hole length**

Hole_ID	Easting	Northing	RL	True Az.	dip	From	To	DH Length	Mineralisation type
DMDD0005	655035	8126878	95	35	-80	303.8	310.6	6.75	disseminated
						313.3	320.7	7.4	disseminated
						322.9	328.7	5.8	disseminated
						346.7	358.9	12.2	disseminated
						361.6	369.8	8.2	disseminated
375.4	434.4	59	disseminated						
DMDD0006	655431	8127068	106	35	-60	32	45.1	13.1	disseminated
						57.4	90.4	33	disseminated
						106	115.5	9.5	net-textured
DMDD0007	655202	8127111	104	35	-60	57	67	10	disseminated
						178	184.6	6.6	heavily dissem
DMRC0025	655152	8127039	96	35	-80	250	259	9	disseminated
DMRC0026	654881	8127007	90	360	-90	298	306	8	disseminated
DMRC0027	655351	8127091	103	35	-60	83	95	12	heavily dissem
						215	220	5	disseminated
DMRC0028	655598	8127139	108	35	-60	67	76	9	heavily dissem
DMRC0029	655147	8127224	155	35	-60	178	184	6	disseminated
DMRC0030	656240	8126351	102	35	-60	No visible sulphides			n/a
DMRC0031	655072	8126719	99	35	-60	148	155	7	disseminated
						170	178	8	disseminated
						191	200	9	disseminated
						217	226	9	disseminated
						245	254	9	disseminated
DMRC0032	654954	8127104	93	35	-60	114	122	8	disseminated
DMRC0033	655490	8127151	117	35	-60	51	57	6	disseminated
DMRC0034	655387	8127255	154	35	-60	16	34	18	disseminated

Buxton looks forward to progressively updating investors in coming weeks and months as results come to hand. For further information regarding Buxton Resources Limited please contact:

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### Competent Persons

The information in this report that relates to Exploration Results is based on information compiled by Mr Rolf Forster, Member of the Australasian Institute of Mining and Metallurgy, and Mr Eamon Hannon, Fellow of the Australasian Institute of Mining and Metallurgy. Mr Forster is an Independent Consultant to Buxton Resources Limited and Mr Hannon is an employee and Director. Mr Forster and Mr Hannon 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 Hannon consent to the inclusion in this report of the matters based on the information in the form and context in which it appears.