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# **ASX Announcement**

Thursday 7<sup>th</sup> June 2018

# First Drilling Underway Across San Antonio Copper Mine Extensions

# **Execution of Formal Agreement for Valentina**

# **Highlights**

- First drilling is underway across key areas of the San Antonio high grade copper mines, part of the Company's new El Fuego copper project in Chile
- Formal agreement executed for the Valentina landholding, located approximately 6km north of San Antonio, allows drilling to be expanded across a second high grade copper mine
- The 4,000m Reverse Circulation (RC) drilling programme will initially test direct extensions to shallow, high grade copper lodes within both mine areas
- Underground face-sampling and mapping of active lease mine development (under a capped mining arrangement) at San Antonio has also commenced
- Results of a second campaign of detailed surface mapping and sampling are expected in the coming weeks, ahead of first drill results.



RC drilling activities advancing well at the San Antonio copper mine in Chile

# **ASX CODE**

HCH

## Contact

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Hot Chili Limited (ASX code HCH) ("Hot Chili" or "Company") is pleased to confirm that a first-pass drilling programme is well underway at its new El Fuego copper project in Chile.

The Company is also pleased to confirm the execution of a formal Option Agreement to earn a 90% interest over a four-year period (under terms previously announced to ASX on 22<sup>nd</sup> February 2018) for the Valentina landholding.

The drilling programme, which commenced on Friday 1<sup>st</sup> June, is being undertaken utilising a single RC drill rig and will comprise approximately 4,000m across two of El Fuego's three high grade copper mining areas as displayed in Figure 2.

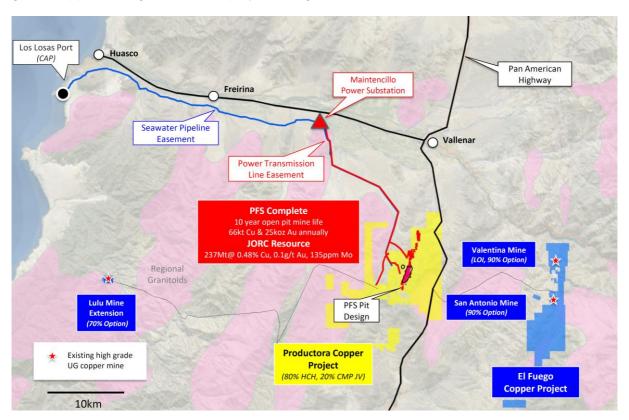


Figure 1 The new consolidated El Fuego copper project in relation the Company's existing large-scale Productora copper project.

Drilling has commenced at the San Antonio mine area and will then move to the Valentina mine area. Four holes have been completed so far and a consignment of drill samples is expected to be dispatched from site for analysis in the coming days.

Both high grade underground copper mines lie within 20km distance of the Company's large-scale Productora copper project and have seen little modern exploration or resource definition owing to over 50 years of private ownership.

Lease mining activities (under a capped 50,000 tonne per anum arrangement) and detailed exploration by Hot Chili have revealed the potential for significant resources to be defined given successful drill confirmation.

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In addition, Hot Chili has expanded its exploration programmes to include underground sampling and mapping at San Antonio. San Antonio (Figure 3) has reportedly produced 2M tonnes grading approximately 2% copper and 0.3g/t gold from shallow depths and looms as a potential game changer for Hot Chili.

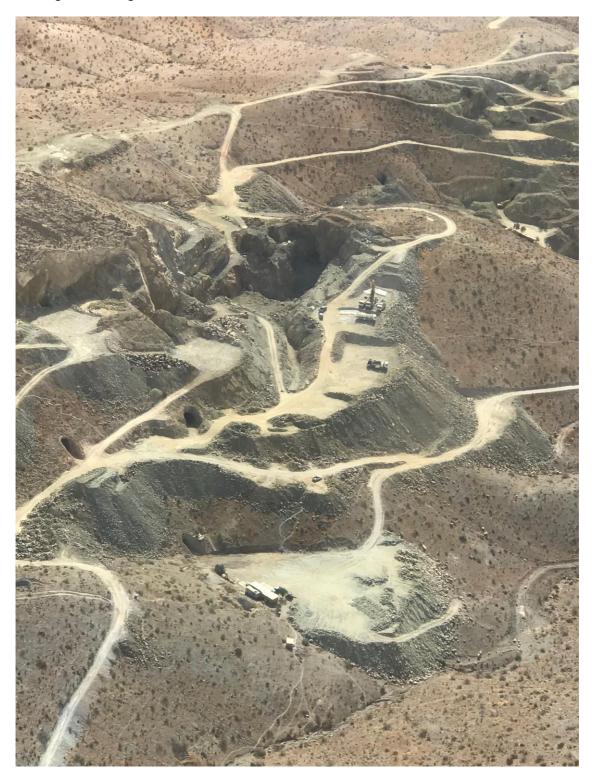


Figure 3 Aerial View Across San Antonio mine area with drilling operations underway

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The underground sampling programme will focus on areas of new mine development at San Antonio, where lease miners have successfully located and are exploiting the continuation of the Main mine lode over widths of approximately 20 to 30m at a depth of 120m from surface.

A second campaign of detailed surface mapping and sampling has been recently completed across the southern extensions of San Antonio and results are expected in the coming weeks ahead of first drilling results.

The Company looks forward to releasing further updates as results from multiple work streams are received.

# For more information please contact:

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# **Qualifying Statements**

# **JORC Compliant Ore Reserve Statement**

Productora Open Pit Probable Ore Reserve Statement – Reported 2<sup>nd</sup> March 2016

Ore Type	Reserve Category	Tonnage		Grade	•		Contained	Metal	Payable Metal		
			Cu	Au	Mo	Copper	Gold	Molybdenum	Copper	Gold	Molybdenum
		(Mt)	(%)	(g/t)	(ppm)	(tonnes)	(ounces)	(tonnes)	(tonnes)	(ounces)	(tonnes)
Oxide		24.1	0.43	0.08	49	103,000	59,600	1,200	55,600		
Transitional	Probable	20.5	0.45	0.08	92	91,300	54,700	1,900	61,500	24,400	800
Fresh		122.4	0.43	0.09	163	522,500	356,400	20,000	445,800	167,500	10,400
Total	Probable	166.9	0.43	0.09	138	716,800	470,700	23,100	562,900	191,900	11,200

Note 1: Figures in the above table are rounded, reported to two significant figures, and classified in accordance with the Australian JORC Code 2012 guidance on Mineral Resource and Ore Reserve reporting. Note 2: Price assumptions: Cu price - US\$3.00/lb; Au price US\$1200/oz; Mo price US\$14.00/lb. Note 3: Mill average recovery for fresh Cu - 89%, Au - 52%, Mo - 53%. Mill average recovery for transitional; Cu 70%, Au - 50%, Mo - 46%. Heap Leach average recovery for oxide; Cu - 54%. Note 4: Payability factors for metal contained in concentrate: Cu - 96%; Au - 90%; Mo - 98%. Payability factor for Cu cathode - 100%.

# **JORC Compliant Mineral Resource Statements**

Productora Higher Grade Mineral Resource Statement, Reported 2<sup>nd</sup> March 2016

			Grad	<b>Contained Metal</b>					
		Tonnage	Cu	Au	Mo	Copper	Gold	Molybdenum	
Deposit	Classification	(Mt)	(%)	(g/t)	(ppm)	(tonnes)	(ounces)	(tonnes)	
Productora	Indicated	166.8	0.50	0.11	151	841,000	572,000	25,000	
	Inferred	51.9	0.42	0.08	113	219,000	136,000	6,000	
	Sub-total	218.7	0.48	0.10	142	1,059,000	708,000	31,000	
Alice	Indicated	15.3	0.41	0.04	42	63,000	20,000	600	
	Inferred	2.6	0.37	0.03	22	10,000	2,000	100	
	Sub-total	17.9	0.41	0.04	39	73,000	23,000	700	
Combined	Indicated	182.0	0.50	0.10	142	903,000	592,000	26,000	
	Inferred	54.5	0.42	0.08	109	228,000	138,000	6,000	
	Total	236.6	0.48	0.10	135	1,132,000	730,000	32,000	

Reported at or above 0.25 % Cu. Figures in the above table are rounded, reported to two significant figures, and classified in accordance with the Australian JORC Code 2012 guidance on Mineral Resource and Ore Reserve reporting. Metal rounded to nearest thousand, or if less, to the nearest hundred.

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## Productora Low Grade Mineral Resource Statement, Reported 2<sup>nd</sup> March 2016

			Grad	Contained Metal					
		Tonnage	Cu	Au	Mo	Copper	Gold	Molybdenum	
Deposit	Classification	(Mt)	(%)	(g/t)	(ppm)	(tonnes)	(ounces)	(tonnes)	
Productora	Indicated	150.9	0.15	0.03	66	233,000	170,000	10,000	
	Inferred	50.7	0.17	0.04	44	86,000	72,000	2,000	
	Sub-total	201.6	0.16	0.04	60	320,000	241,000	12,000	
Alice	Indicated	12.3	0.14	0.02	29	17,000	7,000	400	
	Inferred	4.1	0.12	0.01	20	5,000	2,000	100	
	Sub-total	16.4	0.13	0.02	27	22,000	9,000	400	
Combined	Indicated	163.2	0.15	0.03	63	250,000	176,000	10,000	
	Inferred	54.8	0.17	0.04	43	91,000	74,000	2,000	
	Total	218.0	0.16	0.04	58	341,000	250,000	13,000	

Reported at or above 0.1% Cu and below 0.25 % Cu. Figures in the above table are rounded, reported to two significant figures, and classified in accordance with the Australian JORC Code 2012 guidance on Mineral Resource and Ore Reserve reporting. Metal rounded to nearest thousand, or if less, to the nearest hundred. Metal rounded to nearest thousand, or if less, to the nearest hundred.

#### Mineral Resource and Ore Reserve Confirmation

The information in this report that relates to Mineral Resources and Ore Reserve estimates on the Productora copper projects were originally reported in the ASX announcements "Hot Chili Delivers PFS and Near Doubles Reserves at Productora" dated 2nd March 2016. The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and that all material assumptions and technical parameters underpinning the estimates in that announcement continue to apply and have not materially changed. The company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

# Competent Person's Statement- Exploration Results

Exploration information in this Announcement is based upon work undertaken by Mr Christian Easterday, the Managing Director and a full-time employee of Hot Chili Limited whom is a Member of the Australasian Institute of Geoscientists (AIG). Mr Easterday 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' (JORC Code). Mr Easterday consents to the inclusion in the report of the matters based on their information in the form and context in which it appears.

# Competent Person's Statement- Mineral Resources

The information in this Announcement that relates to the Productora Project Mineral Resources, is based on information compiled by Mr J Lachlan Macdonald and Mr N Ingvar Kirchner. Mr Macdonald is a part time employee of Hot Chili, and is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM). Mr Kirchner is employed by AMC Consultants (AMC). AMC has been engaged on a fee for service basis to provide independent technical advice and final audit for the Productora Project Mineral Resource estimates. Mr Kirchner is a Fellow of the Australasian Institute of Mining and Metallurgy (AusIMM) and is a Member of the Australian Institute of Geoscientists (AIG). Both Mr Macdonald and Mr Kirchner have sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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' (the JORC Code 2012). Both Mr Macdonald and Mr Kirchner consent to the inclusion in the report of the matters based on their information in the form and context in which it appears.

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### Competent Person's Statement- Ore Reserves

The information in this Announcement that relates to Productora Project Ore Reserves, is based on information compiled by Mr Carlos Guzmán, Mr Boris Caro, Mr Leon Lorenzen and Mr Grant King. Mr Guzmán is a Fellow of the Australasian Institute of Mining and Metallurgy (AusIMM), a Registered Member of the Chilean Mining Commission (RM- a 'Recognised Professional Organisation' within the meaning of the JORC Code 2012) and a full time employee of NCL Ingeniería y Construcción SpA (NCL). Mr Caro is a former employee of Hot Chili Ltd, now working in a consulting capacity for the Company, and is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM) and a Registered Member of the Chilean Mining Commission. Mr Lorenzen is employed by Mintrex Pty Ltd and is a Chartered Professional Engineer, Fellow of Engineers Australia, and is a Fellow of the Australasian Institute of Mining and Metallurgy (AusIMM). Mr King is employed by AMEC Foster Wheeler (AMEC FW) and is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM). NCL, Mintrex and AMEC FW have been engaged on a fee for service basis to provide independent technical advice and final audit for the Productora Project Ore Reserve estimate. Mr. Guzmán, Mr Caro, Mr Lorenzen and Mr King have sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration, and to the activity which they are 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 Guzmán, Mr Caro, Mr Lorenzen and Mr King consent to the inclusion in the report of the matters based on their information in the form and context in which it appears.

### **Forward Looking Statements**

This Announcement is provided on the basis that neither the Company nor its representatives make any warranty (express or implied) as to the accuracy, reliability, relevance or completeness of the material contained in the Announcement and nothing contained in the Announcement is, or may be relied upon as a promise, representation or warranty, whether as to the past or the future. The Company hereby excludes all warranties that can be excluded by law. The Announcement contains material which is predictive in nature and may be affected by inaccurate assumptions or by known and unknown risks and uncertainties and may differ materially from results ultimately achieved.

The Announcement contains "forward-looking statements". All statements other than those of historical facts included in the Announcement are forward-looking statements including estimates of Mineral Resources. However, forward-looking statements are subject to risks, uncertainties and other factors, which could cause actual results to differ materially from future results expressed, projected or implied by such forward-looking statements. Such risks include, but are not limited to, copper, gold and other metals price volatility, currency fluctuations, increased production costs and variances in ore grade recovery rates from those assumed in mining plans, as well as political and operational risks and governmental regulation and judicial outcomes. The Company does not undertake any obligation to release publicly any revisions to any "forwardlooking statement" to reflect events or circumstances after the date of the Announcement, or to reflect the occurrence of unanticipated events, except as may be required under applicable securities laws. All persons should consider seeking appropriate professional advice in reviewing the Announcement and all other information with respect to the Company and evaluating the business, financial performance and operations of the Company. Neither the provision of the Announcement nor any information contained in the Announcement or subsequently communicated to any person in connection with the Announcement is, or should be taken as, constituting the giving of investment advice to any person.