



# Water Rights Secured for Costa Fuego Copper-Gold Super Hub

### Highlights

Crucial water extraction rights granted for the Company's Costa Fuego coastal copper development in Chile

Water extraction rights represent a critical infrastructure requirement for Costa Fuego, securing sufficient water supply to support a large-scale conventional copper-gold operation

Water extraction rights for sea water processing (no de-salination plant) adds to Costa Fuego's growing credentials as one of the leading new "green" copper developments (existing infrastructure footprint, adjacent to largest solar projects in Chile and clean arsenic-free concentrate)

Hot Chili Limited, through its Chilean subsidiary company Sociedad Minera El Aguila SpA, is pleased to announce that it has been granted a Maritime Concession for extraction of sea water just 60 kilometres from the Company's Costa Fuego coastal copper-gold development in Chile.

Costa Fuego has a combined Mineral Resource of 2.9Mt copper, 2.7Moz gold, 9.9Moz silver and 64kt molybdenum (released to ASX 12<sup>th</sup> October 2020) and is located at low altitude (800m to 1,000m), along the Pan American highway and adjacent to port facilities, 600km north of Santiago.

Following a rigorous seven-year application process, Hot Chili is now one of the few copper developers in Chile controlling a Maritime Concession for water. This adds significantly to critical infrastructure access requirements already secured including surface rights and water and electricity easements.

The water rights represent a major step forward in establishing an infrastructure-ready major coastal copper development which can leverage from a central processing and combined infrastructure approach.

Pre-feasibility studies completed in 2016 (contemplating Productora only) modelled the extraction of seawater via a 62km buried water pipeline from the coast to Productora (as announced to ASX 2<sup>nd</sup> March 2016). All metallurgical testwork results to date from Costa Fuego have achieved strong metal recoveries using sea water processing.

The seawater pipeline design is now planned to be increased and extended to Cortadera, as the new operating centre for the combined Costa Fuego development.

The maritime concession alone is considered a significant asset, and further enhances the Company's social license to operate ensuring no ground water will be used and no de-salination plant is required.





The Directors of Hot Chili are pleased with advances being made with Chilean regulatory applications and growing local community support for Costa Fuego. This announcement is authorised by the Board of Directors for release to ASX. For more information please contact: +61 8 9315 9009 **Christian Easterday** Managing Director christian@hotchili.net.au or visit Hot Chili's website at <u>www.hotchili.net.au</u> Huasco Pan American C Maintencillo Power Highway Substation Freirina Los Losas Port (CAP) Seawater Pipeline Vallenar Easement **Costa Fuego Copper Project** Power Transmission Line Easement 2.9Mt Cu, 2.7Moz Au, 9.9Moz Ag, 64kt Mo Valentina Productora High Grade Satellite **PFS Complete** resource drilling reg'd 10km JORC Resource (+0.25% CuEq\*) Regional 273Mt @ 0.52% CuEq\* for Radius Granitoids 1.2Mt Cu, 0.8Moz Au, & 36kt Mo San Antonio Cortadera High Grade Satellite 10km JORC Resource (+0.25% Cu Eq\*) Maiden Resource 451Mt @ 0.46% CuEq\* for being compiled Bulk tonnage copper deposit 1.7Mt Cu, 1.9Moz Au, 9.9Moz Ag Existing high grade & 27kt Mo El Fuego Productora Cortadera UG copper mine (80% HCH, 20% CMP JV) (100% Option) (90-100% Option)

Figure 1 Location of Cortadera and Productora in relation to the coastal range infrastructure of Hot Chili's combined Costa Fuego copper project, located 600km north of Santiago in Chile. The maritime concession for sea water extraction is located on the coastline immediately south of the port of Las Losas, connected via the Company's seawater pipeline easement corridor.

Refer to ASX Announcement "Costa Fuego Becomes a Leading Global Copper Project" (12th October 2020) for JORC Table 1 information related to the Cortadera JORC compliant Mineral Resource estimate by Wood and the Productora re-stated JORC compliant Mineral Resource estimate by AMC Consultants

\* Copper Equivalent (CuEq) reported for the resource were calculated using the following formula: CuEq% = ((Cu% × Cu price 1% per tonne × Cu\_recovery)+(Mo ppm × Mo price per g/t × Mo\_recovery)+(Au ppm × Au price per g/t × Au\_recovery)+ (Ag ppm × Ag price per g/t × Ag\_recovery)) / (Cu price 1% per tonne). The Metal Prices applied in the calculation were: Cu=3.00 USD/lb, Au=1,550 USD/oz, Mo=12 USD/lb, and Ag=18 USD/oz. For Cortadera (Inferred + Indicated), the average Metallurgical Recoveries were: Cu=83%, Au=56%, Mo=82%, and Ag=37%. For Productora (Inferred + Indicated), the average Metallurgical Recoveries were: Cu=83%, Au=51%, Mo=67% and Ag=23%.

\*\* Reported on a 100% Basis - combining Cortadera and Productora Mineral Resources using a +0.25% CuEq reporting cut-off grade

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## **Qualifying Statements**

	Costa Fuego	Grade					Contained Metal						
	Deposit	Classfication	Tonnage	CuEq	Cu	Au	Ag	Мо	Copper Eq	Copper	Gold	Silver	Molybdenum
		(+0.25% CuEq*)	(Mt)	(%)	(%)	(g/t)	(g/t)	(ppm)	(tonnes)	(tonnes)	(ounces)	(ounces)	(tonnes)
	Cortadera	Indicated	183	0.49	0.40	0.15	0.7	43	905,000	728,000	889,000	4,227,000	7,900
		Inferred	267	0.44	0.35	0.12	0.7	73	1,181,000	935,000	1,022,000	5,633,000	19,400
		Sub Total	451	0.46	0.37	0.13	0.7	61	2,086,000	1,663,000	1,911,000	9,860,000	27,300
	Productora	Indicated	208	0.54	0.46	0.10		140	1,122,000	960,000	643,000	-	29,200
		Inferred	67	0.44	0.38	0.08		109	295,000	255,000	167,000	-	7,200
		Sub Total	273	0.52	0.44	0.09		133	1,417,000	1,215,000	810,000	-	36,400
	Costa Fuego	Indicated	391	0.52	0.43	0.12		95	2,027,000	1,688,000	1,533,000	-	37,000
	(Combined)	Inferred	334	0.44	0.36	0.11		80	1,476,000	1,191,000	1,189,000	-	26,700
		Total	724	0.48	0.40	0.12	0.7**	88	3,503,000	2,879,000	2,722,000	9,860,000	63,700

Independent JORC Code Costa Fuego Combined Mineral Resource (Reported 12<sup>th</sup> October 2020)

Reported at or above 0.25% CuEq\*. Figures in the above table are rounded, reported to appropriate significant figures, and reported in accordance with the JORC Code - Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Metal rounded to nearest thousand, or if less, to the nearest hundred. \* \* Copper Equivalent (CuEq) reported for the resource were calculated using the following formula:: CuEq% = ((Cu% × Cu price 1% per tonne × Cu\_recovery)+(Mo ppm × Mo price per g/t × Mo\_recovery)+(Au ppm × Au price per g/t × Au\_recovery)+ (Ag ppm × Ag price per g/t × Ag\_recovery)) / (Cu price 1% per tonne). The Metal Prices applied in the calculation were: Cu=3.00 USD/lb, Au=1,550 USD/oz, Mo=12 USD/lb, and Ag=18 USD/oz. For Cortadera (Inferred + Indicated), the average Metallurgical Recoveries were: Cu=83%, Au=56%, Mo=82%, and Ag=37%. For Productora (Inferred + Indicated), the average Metallurgical Recoveries were: Cu=83%, Au=43% and Mo=42%. For Costa Fuego (Inferred + Indicated), the average Metallurgical Recoveries were: Cu=83%, Au=23%.

\*\* Note: Silver (Ag) is only present within the Cortadera Mineral Resource estimate

#### Competent Person's Statement- Exploration Results

Exploration information in this Announcement is based upon work compiled by Mr Christian Easterday, the Managing Director and a fulltime 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- Productora Mineral Resources

The information in this Announcement that relates to the Productora Project Mineral Resources, is based on information compiled by Mr N Ingvar Kirchner. 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). Mr Kirchner has 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). Mr Kirchner consents to the inclusion in this report of the matters based on the source information in the form and context in which it appears.

#### Competent Person's Statement- Cortadera and Costa Fuego Mineral Resources

The information in this report that relates to Mineral Resources for the Cortadera and combined Costa Fuego Project is based on information compiled by Elizabeth Haren, a Competent Person who is a Member and Chartered Professional of the Australasian Institute of Mining and Metallurgy and a Member of the Australian Institute of Geoscientists. Elizabeth Haren is employed as an associate Principal Geologist of Wood, who was engaged by Hot Chili Limited. Elizabeth Haren has 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". Elizabeth Haren consents to the inclusion in the report of the matters based on her information in the form and context in which it appears.

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#### **Reporting of Copper Equivalent**

Copper Equivalent (CuEq) reported for the resource were calculated using the following formula:  $CuEq\% = ((Cu\% \times Cu \text{ price 1\% per tonne} \times Cu\_recovery)+(Mo \text{ ppm} \times Mo \text{ price per g/t} \times Mo\_recovery)+(Au \text{ ppm} \times Au \text{ price per g/t} \times Au\_recovery)+(Ag \text{ ppm} \times Ag \text{ price per g/t} \times Ag\_recovery)) / (Cu \text{ price 1 \% per tonne}). The Metal Prices applied in the calculation were: Cu=3.00 USD/lb, Au=1,550 USD/oz, Mo=12 USD/lb, and Ag=18 USD/oz. For Cortadera (Inferred + Indicated), the average Metallurgical Recoveries were: Cu=83%, Au=56%, Mo=82%, and Ag=37%. For Productora (Inferred + Indicated), the average Metallurgical Recoveries were: Cu=83%, Au=43% and Mo=42%. For Costa Fuego (Inferred + Indicated), the average Metallurgical Recoveries were: Cu=83%, Au=51%, Mo=67% and Ag=23%.$ 

#### Forward Looking Statements

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