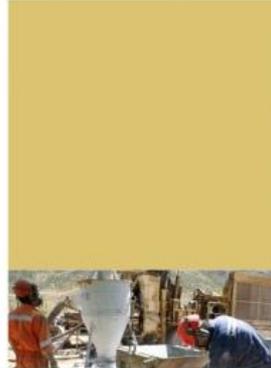
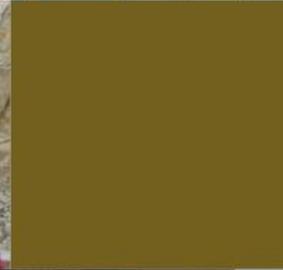


SOUTHERN HEMISPHERE mining limited

ASX : SUH



A Growing Force in South American Copper

Global Partnerships, Growing Resources, Outstanding Potential

November 2013

Disclaimer Notice

This Company Profile contains certain forward – looking information and forecasts. Such forecasts, projections and information are not a guarantee of the Company's future performance and include unknown risks and uncertainties. Accordingly, the actual results and developments may differ from those expressed or implied.

Southern Hemisphere Mining Limited (“SUH “ or “Company”) makes no representation and can give no assurance, guarantee or warranty, express or implied, as to, and take no responsibility and assume no liability for, the authenticity, validity, accuracy, suitability or completeness of, or any errors in or omission, from any information, statement or opinion contained in this presentation.

Nothing in this presentation should be construed as either an offer to sell or a solicitation of an offer to buy or sell securities. You should conduct your own analysis in order to satisfy yourself as to the accuracy and completeness of the information, statements and opinion contained in this presentation.

Competent/Qualified Person Statement

Information of a scientific or technical nature in this report was prepared under the supervision of Trevor Tennant, Managing Director of SUH who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr. Tennant has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration, and to the activity he is undertaking, to qualify as a “competent person” as defined in the 2004 edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves” and a Qualified Person under NI43-101 Standards of Disclosure. Mr. Tennant has reviewed and approved the information contained in this Company Profile.

For further information regarding the projects, including a description of SUH's quality assurance program, quality control measures, the geology, samples collected and testing procedures in respect of SUH's projects, please refer to the Technical Reports and News Releases on the Company's website at www.shmining.com.au.

*Copper Equivalent (“Cu Equiv”)

The copper equivalent calculations represent the total metal value for each metal, multiplied by the conversion factor, summed and expressed in equivalent copper percentage. These results are exploration results only and no allowance is made for recovery losses that may occur should mining eventually result. It is the Company's opinion that elements considered have a reasonable potential to be recovered as evidenced in similar multi-commodity mines. Copper equivalent conversion factors and long-term price assumptions used are stated below:

- Copper Equivalent Formula= $Cu \% + Au (g/t) \times 0.72662 + Mo\% \times 4.412$
- Price Assumptions-Cu (US\$3.20/lb), Au (US\$1,700/oz), Mo (US\$15/lb)



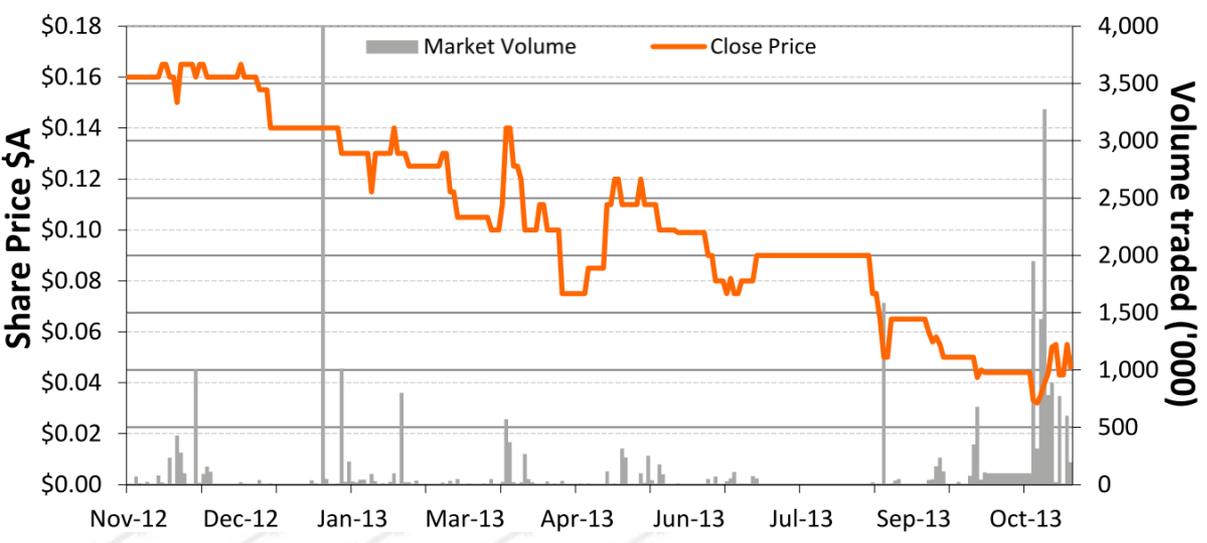
Capitalisation Summary	
Ordinary Shares ¹	172,892,487
Market Capitalisation @ \$0.045 ²	Au \$7.8M
Cash ²	Au \$1.0M
Debt ²	Nil
Enterprise Value (Fully Diluted)	AU \$6.8M

Board of Directors	
David Craig	<i>Non-Executive Chairman</i>
Trevor Tennant	<i>Managing Director</i>
James Pearson	<i>Executive Director</i>
Dr John Tarrant	<i>Non-Executive Director</i>
Andrés Hevia	<i>Non-Executive Director</i>
Paul McRae	<i>Non-Executive Director</i>

¹ Excludes 4.2m options at exercise price of AU\$0.21 and expiry of December 2014

² As of November 1, 2013

ASX: SUH 12 Month Share Price Performance



Top Shareholders (+5%)

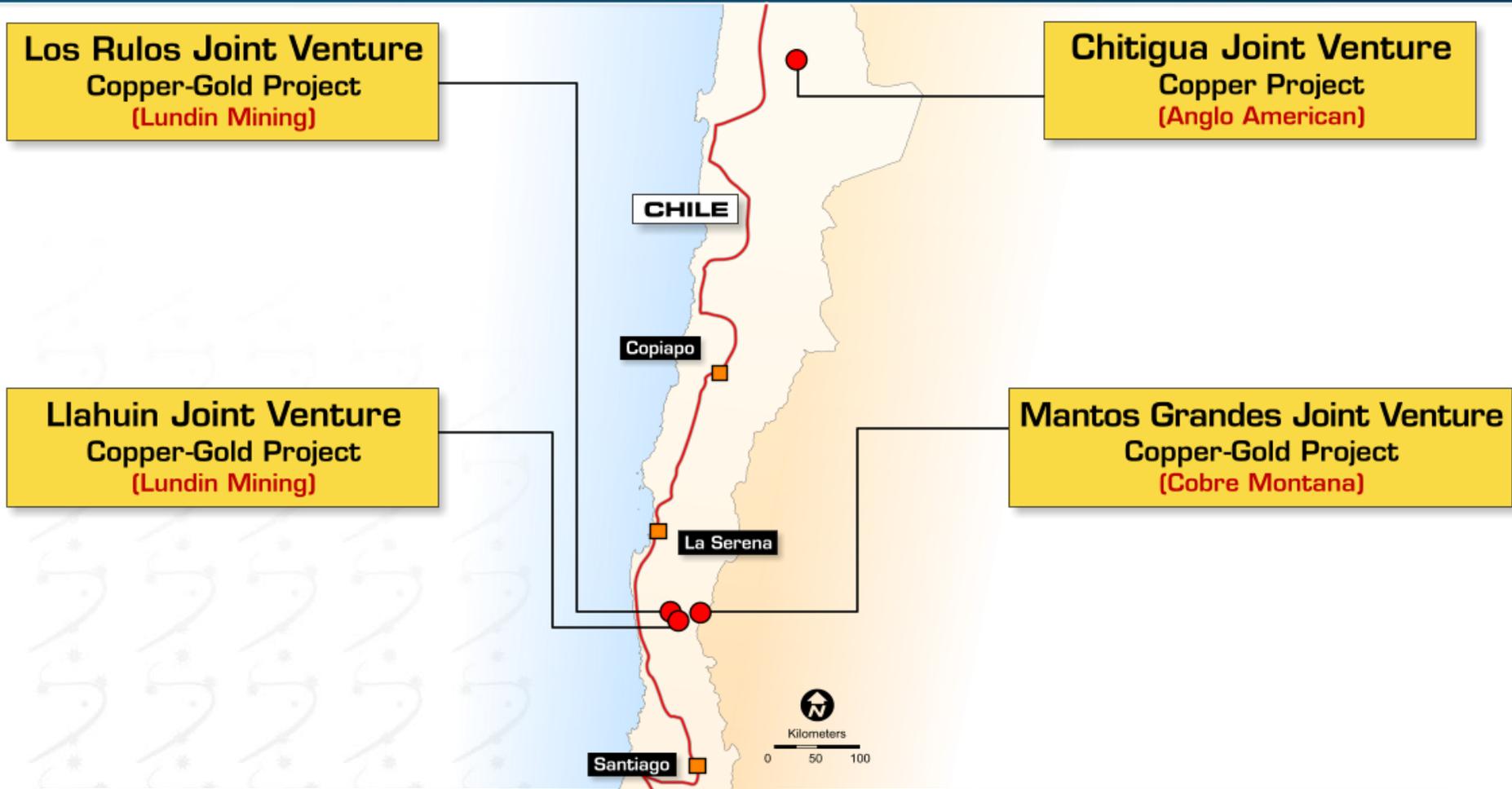
Lundin Mining Corporation	11.4%
Trevor Tennant	11.4%
Genesis Investment Management	8.3%
James Pearson	5.4%
Ice Cold Investments Pty Ltd	4.0%

Consolidated holdings (% of total)

Top 5 shareholders	40.5%
Top 20 shareholders	67.1%



Four Joint Ventures with Quality Partners



NEW	Los Rulos Joint Venture	Lundin Mining	Armandino Project, Polvareda 2 Project
	Llahuin Joint Venture	Lundin Mining	Llahuin Project
	Mantos Grandes Joint Venture	Cobre Montana	Mantos Grandes Project
	Chitigua Joint Venture	Anglo American	Chitigua Project

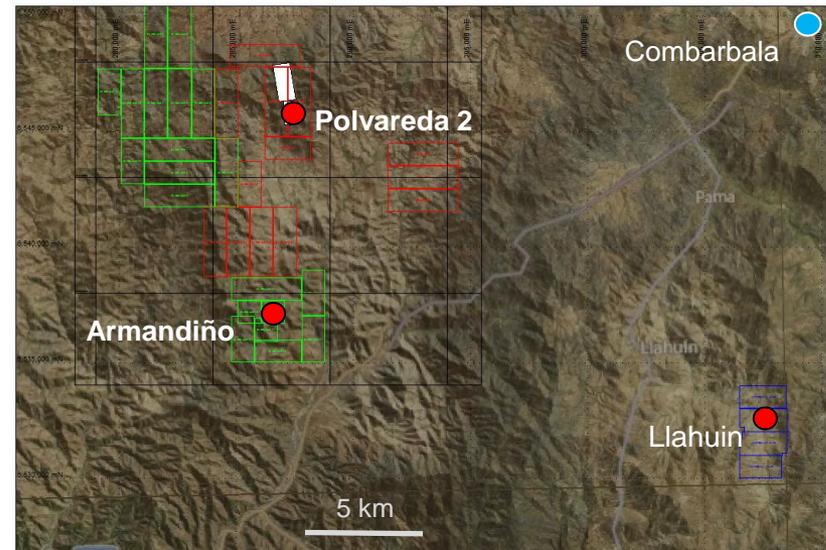


Breaking News – Los Rulos Joint Venture

- * Los Rulos 50/50 Joint Venture - Second Chilean copper-gold joint venture with Lundin Mining (TSX: LUN) - agreed terms in final stages of documentation
 - * Builds on existing Strategic Alliance and JV with Lundin Mining at Llahuin Project
 - * SUH is the project operator
- * Under the new arrangement, Minera Los Rulos, a newly incorporated JV company, will explore and acquire prospects within an area of co-operation in the Coquimbo region, of approximately 2,220 km² with key terms including:
 - Lundin Mining will initially hold and fund a **50% interest** in an incorporated joint venture;
 - After 2 years, Lundin Mining will have right to acquire a further **15% equity** (65% in total) by paying SUH twice SUH's expenditure to date

First acquisitions under Los Rulos JV

- * **Armandiño Project.**
Purchase option acquired
- * **Polvareda 2.**
Acquisition terms agreed and documentation near completion

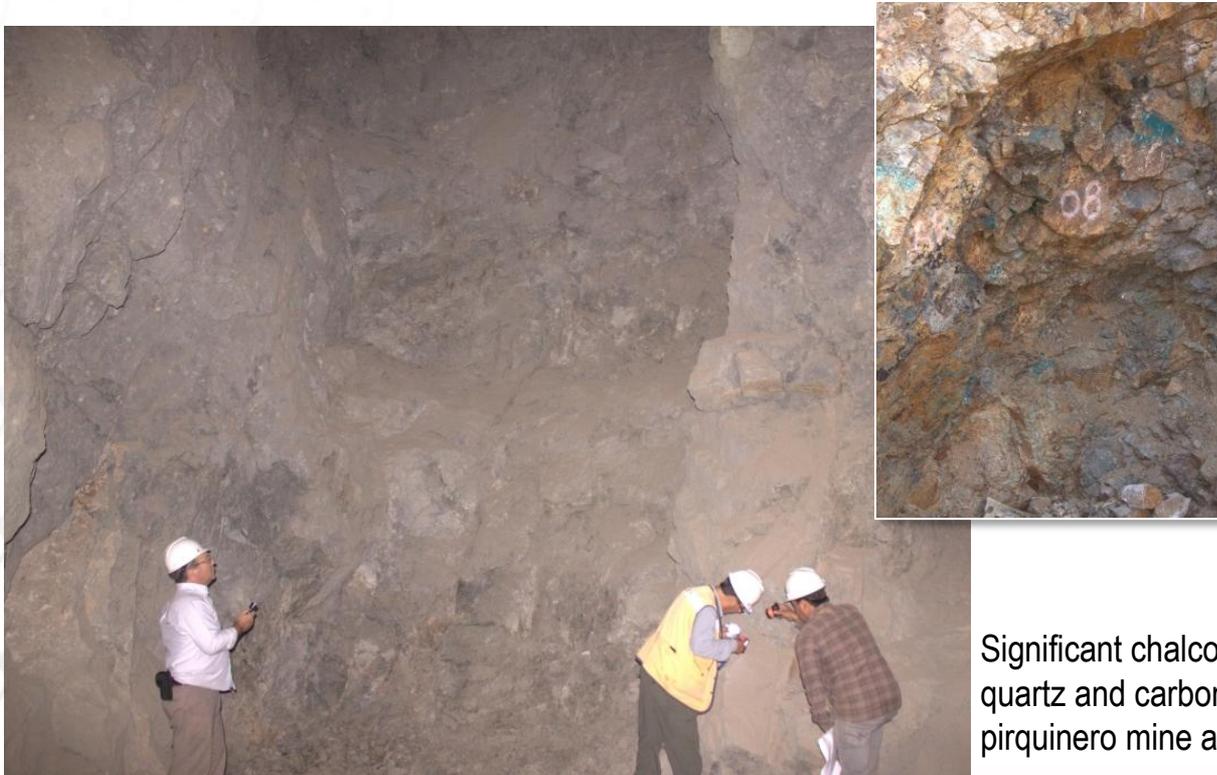




Armandiño Project

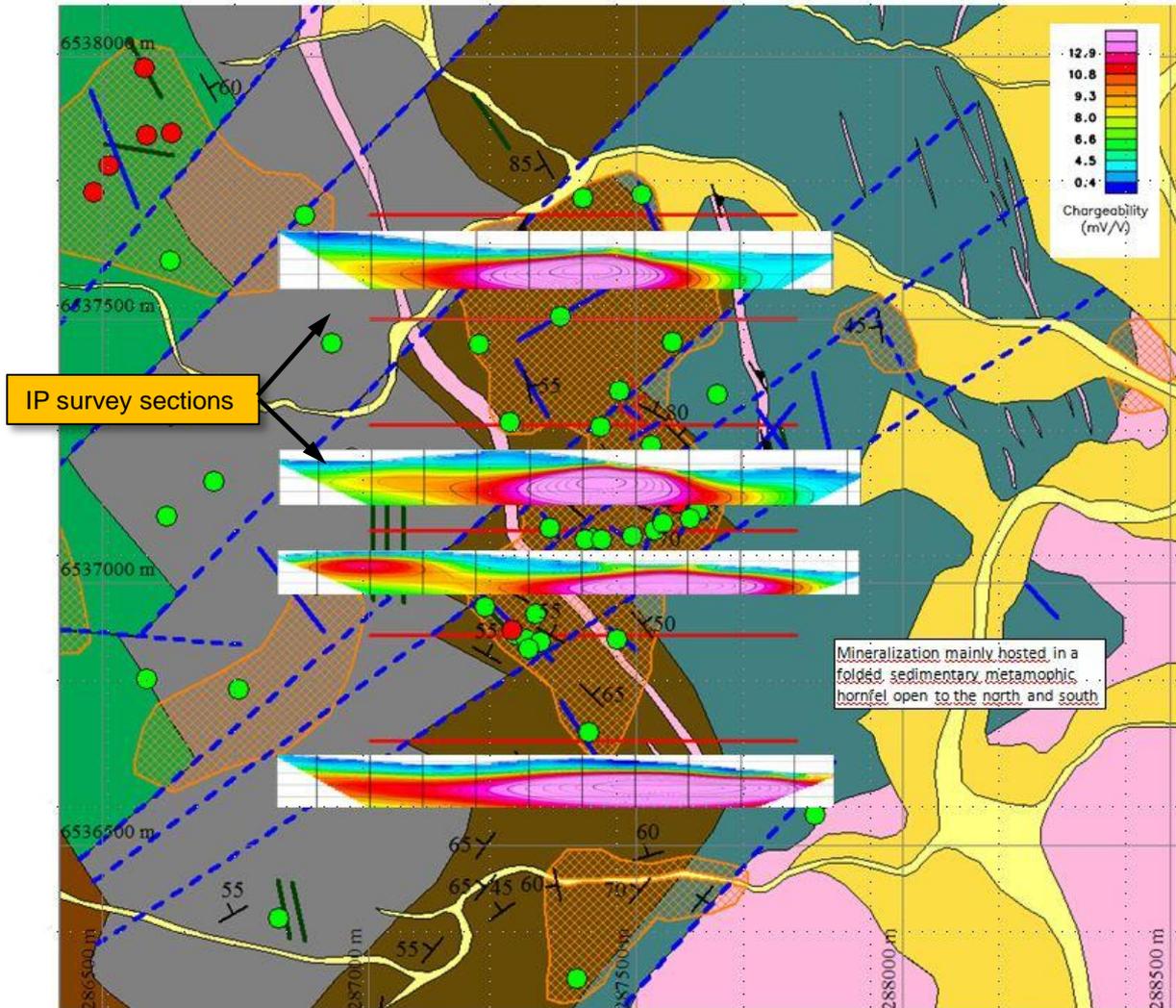
- * Armandiño Project is located 21km NNW of Llahuin Project and 26 km south of the established regional mining town of Combarbala at 700m elevation
- * Terms of the Armandiño Project option agreement total **US\$300,000*** payable over **24 months**:
 - US\$ 40,000** paid on execution of agreement
 - US\$ 100,000** after **12 months** and **US\$ 160,000** after further **12 months**

**Only 50% of this amount is payable by SUH under the Los Rulos JV agreement*



Significant chalcopyrite with veinlets of quartz and carbonate were seen inside pirquinero mine at Armandiño

Armandiño prospect showing mineral occurrences and IP survey lines



Mineralisation at Armandiño is copper and gold disseminated in metamorphosed sedimentary rocks, largely comprising limestone and skarns.

- Cu oxide workings or outcrop
- Cu sulphide ± oxide workings or outcrop

- Metasediments including limestone/skarns
- Hydrothermal alteration (carbonates)



* Attractions of Armandiño Project

- Large alteration systems and high grade copper-gold skarns identified
- Favourable geology and mineralised structures
- Initial SUH channel sampling returned encouraging results indicating a mineralised zone of approximately 250m width including:
 - **25m @ 1.97% Cu, 2.12 g/t Au**, and
 - **35m @ 0.92% Cu, 1.05 g/t Au**
- Widespread mineralisation and small scale pirquinero mining – both current and historical (current production rates up to 70 tonnes per day at **1.8% Cu** and **0.75 g/t Au**)
- Strong geophysical response (IP) to assist in drill targeting
- Good infrastructure and access



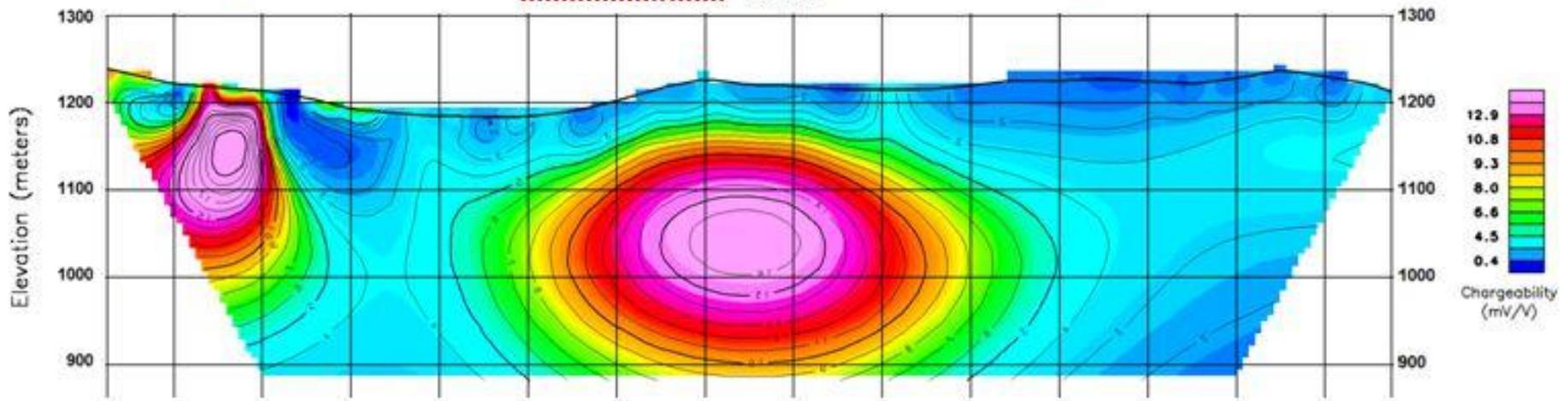
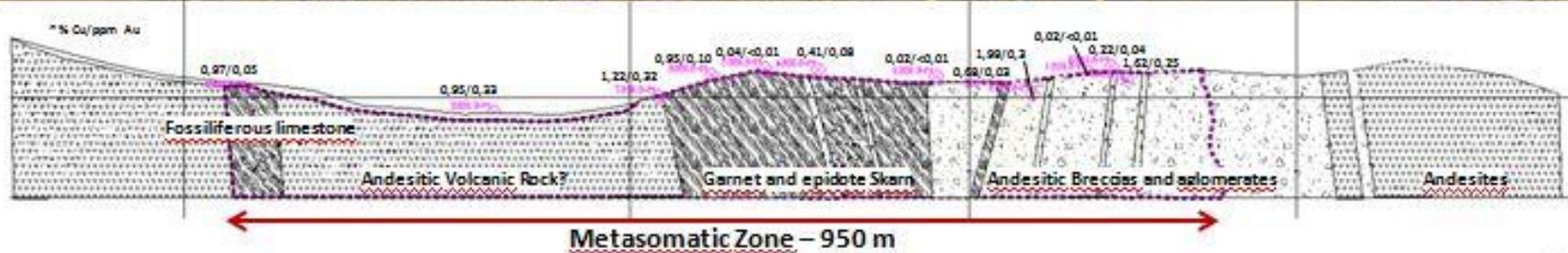


Polvareda 2 Project

- * Polvareda 2 Project is located 25 km NW of Llahuin Project and 26 km south of the established regional mining town of Combarbala at 1,000m elevation
- * Terms of the acquisition of **62.5% equity** interest in Polvareda 2 project comprise **US\$30,000*** upon execution of share option agreement and **US\$360,000*** over 3.5 years
- * **Only 50%** of this amount is payable by SUH under the Los Rulos JV agreement



Polvareda 2 Project



★ Attractions of Polvareda 2 Project

- Adjacent and along structure of high grade operating skarn mine (**300-400 tpd** production)
- Large alteration systems and high grade copper-gold skarns identified
- Favourable geology and mineralised structures
- Mineralisation and historical pirquinero mining is widespread
- Initial SUH rock chip sampling returned encouraging results within a **950m wide** metasomatic zone with values:
 - averaging **1.07% Cu** (ranging from **0.03% Cu** to **4.96% Cu**) within the alteration zone and best developed at or near the contact of an andesitic breccia with sedimentary hornfels
 - additional high grades have been obtained from cross cutting structures with associated alteration (including **2.46% Cu**, **3.59% Cu** and **4.47% Cu**)
- Strong geophysical responses (IP) to assist in drill targeting
- Good infrastructure and access

Lundin Mining - Llahuin Option Farm-in Agreement

- * Llahuin copper/gold project is at 1,300m elevation and located 250 km north of Santiago with good infrastructure. It is 56 km from the coast and Pan American Highway

- * **Lundin Mining Joint Venture Terms**

Initial committed funds (Lundin Mining **US\$3M**; Southern Hemisphere **US\$3M**) have been called and expended

Now progressed to sole funding phase with Lundin Mining to spend:

- **US\$ 10M** for **51%** within 3 years
- **US\$ 10M** for additional **14%** within 1 year
- **US\$ 12M** for additional **10%** within 2 years

Lundin Mining to spend total **US\$35M** for **75%** JV equity





- * Llahuin project has potential for similar mineralization and tonnage as Teck Cominco's **Carmen de Andacollo Copper Mine**, 120km to the north:
 - **476Mt** grading **0.35% Cu** and **0.12g/t Au** ; Current production: **66,000tpa Cu, 55,000oz pa Au**

* Llahuin Mineral Resource – July 2013:

LLAHUIN RESOURCES (above Cut Off Grade of 0.28% Cu Equivalent)					
	Tonnes million	Cu %	Au g/t	Mo %	Cu Equiv %
Measured	112	0.31	0.12	0.008	0.42
Indicated	37	0.23	0.14	0.007	0.37
Measured + Indicated	149	0.29	0.12	0.008	0.41
Inferred	20	0.20	0.19	0.005	0.36

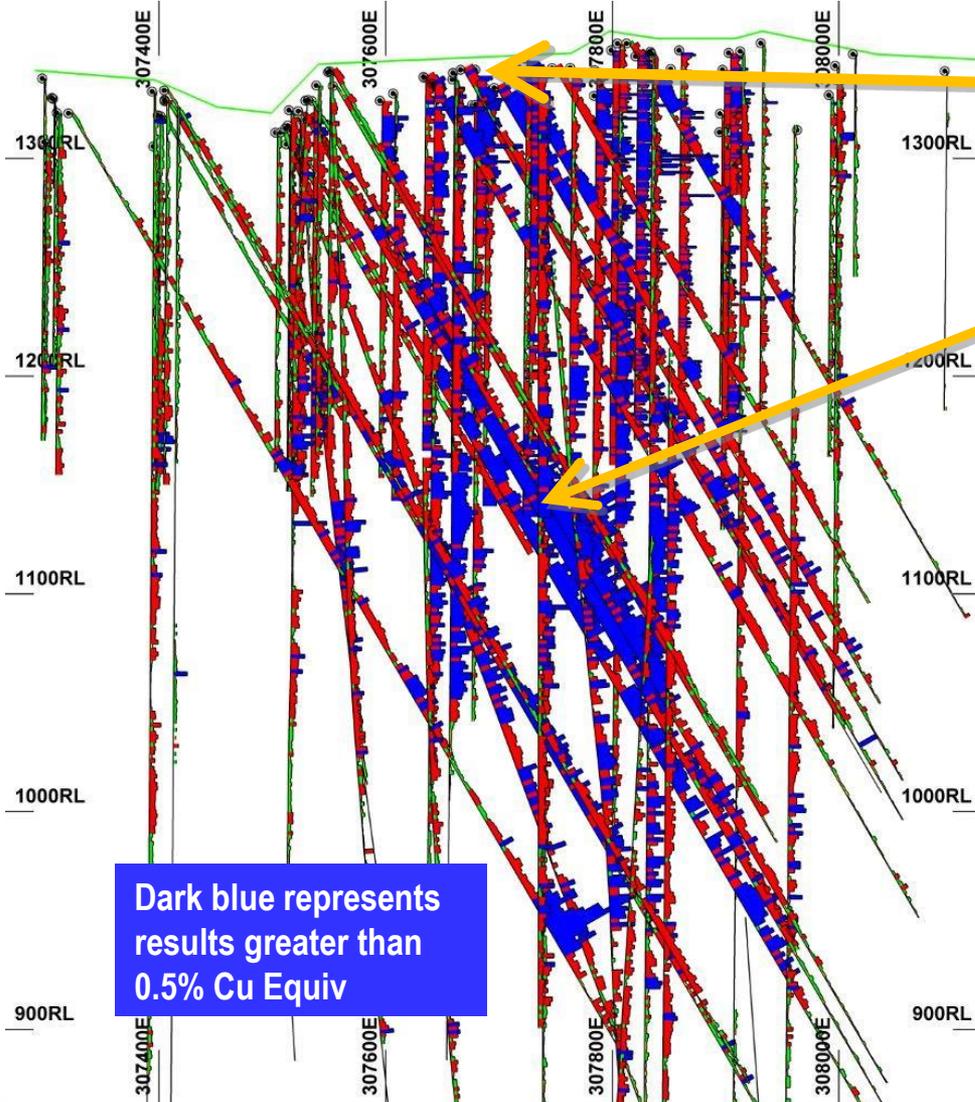
- * **Mineralisation** commences from surface – **No pre-strip** required
- * **Higher Grade Core** of **60Mt** grading **0.50% Cu Equiv**:
 - *Corresponds to more than 4 years higher grade feed*
 - *Potential to provide higher grade feed and strong early cash flow, enhancing project economics*



Llahuin Project – Central Porphyry Zone



Central Core – Composite Long Section



High grade mineralisation at surface

High grade Central Core

DDH-LLA-021:

*440m @ 0.75% Cu Equiv from 2m, including:
208m @ 1.20% Cu Equiv from 108m*

DDH-LLA-025:

366m @ 0.63% Cu Equiv from 102m

DDH-LLA-026:

254m @ 0.52% Cu Equiv from 168m

DDH-LLA-027:

*326m @ 0.56% Cu Equiv from 70m, including:
128m @ 0.80% Cu Equiv from 200m*

Dark blue represents
results greater than
0.5% Cu Equiv



Concessions

- ★ **Six granted Concession Areas** covering 13.7 sq km:
 - *Plus applications over adjoining 37 sq km*
- ★ **30-year Easement Agreement** signed with El Espino Community covering 25 sq km includes the three porphyry zones: Central Porphyry, Cerro de Oro and Ferrocarril

Drilling

- ★ Drilling to date **54,520m** (**28,842m** at Central Porphyry Zone)
 - *Reverse Circulation Drilling – 33,732m in 188 holes*
 - *Diamond Core Drilling – 20,788m in 59 holes*
- ★ Environmental application made to continue drilling in **2014**
- ★ Drill targets will include higher grade mineralisation at **Tulio**

Metallurgical Test work

- ★ First pass metallurgical test work gave excellent results in terms of copper recoveries, concentrate grade and low work index



Llahuin Project – Central Porphyry Zone



Llahuin Central Porphyry showing old workings and Higher Grade Core Area





Anglo American Option Farm-in Agreement

- * Strategic farm-in deal with Anglo American – one of the world’s leading mining companies
- * Agreement includes three projects in northern Chile, *Chitigua, Carboneras and Meteoritica*
- * Anglo American to earn up to **75% equity** by spending up to **US\$25 million** on exploration over a maximum **5-year period**
- * SUH free-carried for up to five years
- * Committed initial expenditure of **US\$1.5 million** to include at least 3,000m of drilling
- * **US\$50,000** paid on signing plus payments of **US\$150,000 per year** for up to five years for a total of **US\$500,000, next payment January 2014**

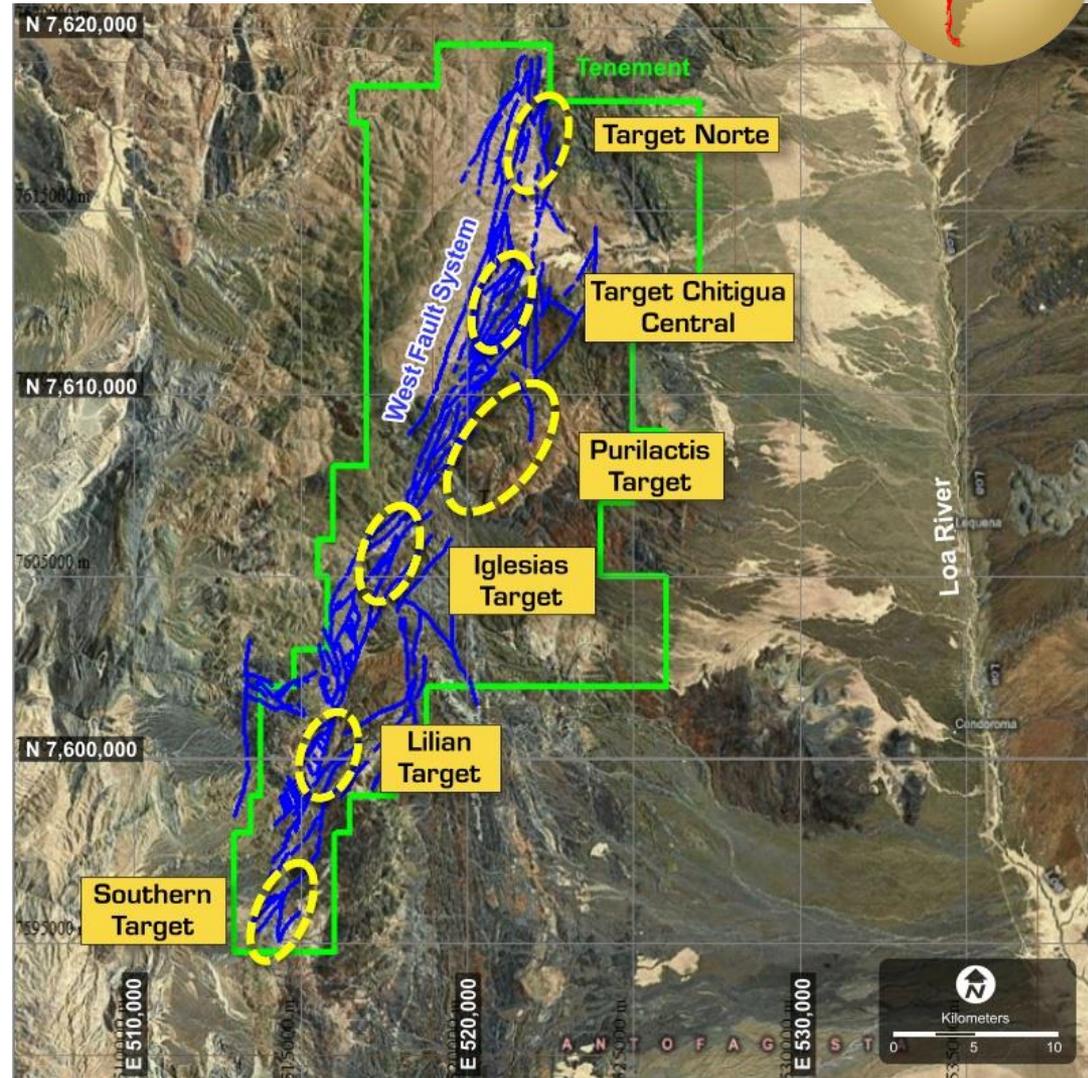




Chitigua Copper Project



- * Chitigua Project covers **172km²**, 90 km north of the mining town of Calama
- * Chitigua contains **55 km** strike length of the famous **Western Fault** regional structure and comprises a large porphyry target
- * Porphyry discoveries on the **Western Fault** include large scale deposits such as **Chuquicamata** and **Escondida**
- * In first 6 months Anglo completed helimag survey, detailed geological mapping and geochemical surveys
- * Completed initial **3,000m** drilling campaign on 4 selected zones – Inglesia, Central, Norte and Southern
- * Awaiting analysis results





Cobre Montana Farm-in Option Agreement

- * Farm-in option arrangement with Cobre Montana NL (ASX:CXB) for Mantos Grandes Copper/Gold Project
- * Cobre Montana may earn **65%** of the Mantos Grandes Project for a total expenditure of **AU\$2.85 million** over an **18 month** period, comprising:
 - **AU\$1.50 million** in exploration sole funding in 6 month stages; plus
 - **AU\$1.35 million** in cash payments to SUH

AU\$350,000 cash already paid

AU\$1 million cash to be paid on completion of Farm-in

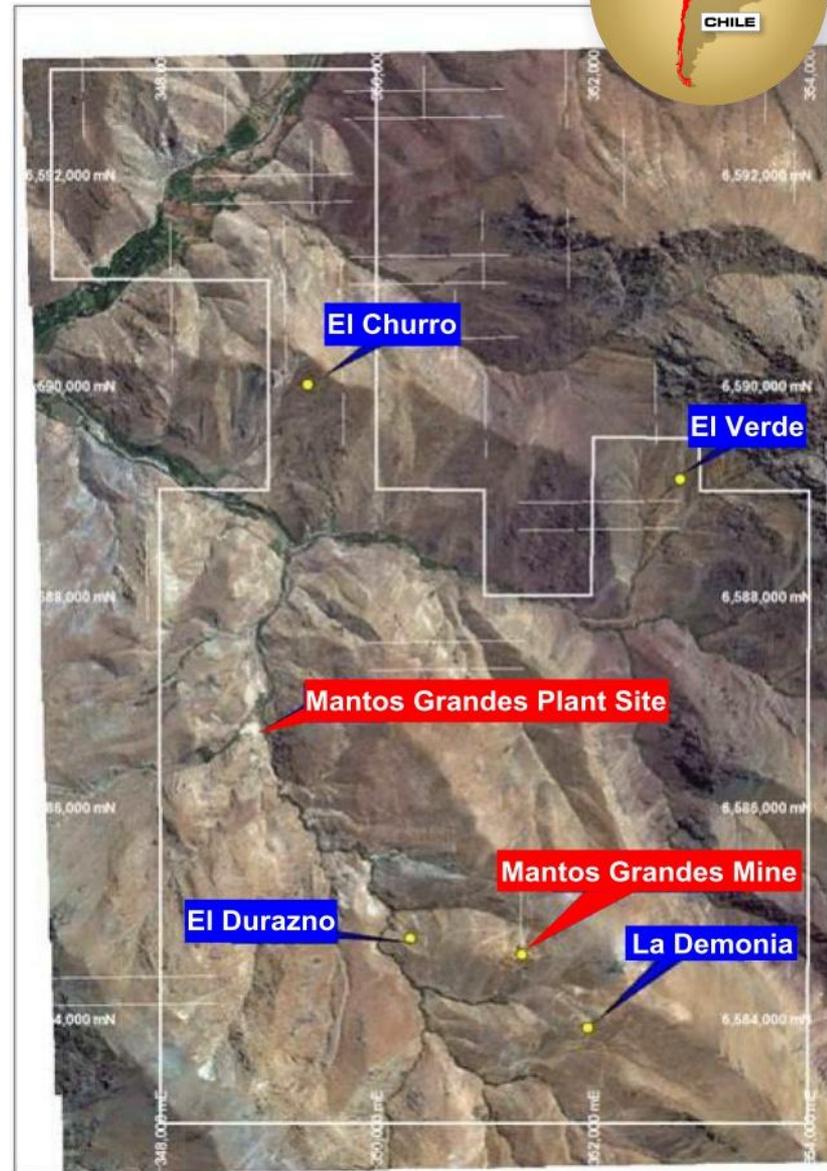




Mantos Grandes Copper / Gold Project



- * Mantos Grandes Project covers 52 km² situated in the Central Andes, 80 km from the town of Ovalle, the capital of Limari Province
- * Production in the late 1900's from Mantos Grandes utilised a **200t per day** milling and flotation circuit
- * Project contains **high-grade copper/gold skarns** with bulk tonnage potential – amenable to open pit mining of mineralisation from surface
- * **Longer term upside** from porphyry potential
- * **Initial works** to include:
 - Review historic data and select exploration targets adjacent to Mantos Grandes
 - Evaluate options for large scale open pit and small scale underground operations





Additional Project Pipeline – SUH 100%



- ★ SUH has 6 additional 100% owned projects in Chile, prospective for copper and gold mineralization, including:

Las Santas

Large concession with similar geology and 20km along structure SE of Los Pelambres (Reserves **1.4 Bn tonnes**)

El Arrayan

Good oxide potential, RC drilling returned **17m @ 2.03%Cu, 7m @ 1.63% Cu and 19m @ 0.60% Cu**

San Jose

4 diamond drill holes into Mo porphyry, Awaiting further work.

Tres Cruces

Drill program downgraded project. Under review.

Santa Gracia

Cu-Mo porphyry but limited drilling (12 RC holes) has not been encouraging.

Romeral

Early stage project with no drilling. Located in prolific Atacama Fault with potential for IOCG mineralisation.

- ★ **Los Pumas Manganese project**



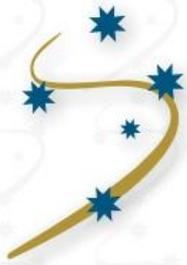


Summary – Reasons to Invest in SUH



- * **Copper-gold focus** in areas of major mineralisation and world class mines in Chile
- * **Llahuin** project emerging as a **large scale porphyry copper project**
- * The Los Rulos JV is 25km north west of Llahuin with multiple exploration skarn / IOCG targets that hold promise of **higher grade resources** evidenced by geophysics, detailed mapping and extensive artisanal mining.
- * Sound strategies to develop opportunities with **strong venture partners** and **defray exploration costs:**
 - Joint Ventures delivering strategic partnerships providing up to **US\$63M**
 - SUH are earning fees as **JV operators**
 - Pursuing opportunities with the company's **six additional 100%-owned projects**
- * **Proven management team** with extensive experience of exploration and working in Chile

A Growing Force in South American Copper



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HEMISPHERE**
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