Southern Hemisphere Mining Limited

ABN: 17 140 494 784

Suite 2
11 Ventnor Avenue
WEST PERTH, WA
Australia, 6005

Postal Address:
PO Box 1240
West Perth WA 6872

Phone: +61 (0) 8 6245 2050
Fax: +61 (0) 8 6245 2055

Website: shmining.com.au

Directors:

Chairman
Mark Stowell

Directors
David Lenigas
Keith Coughlan

Company Secretary:
Jessamyn Lyons

Issued Capital:
162,959,838

Corporate Information:
ASX Code: SUH

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ASX Announcement **27 October 2020**

Quarterly Activities Report

Southern Hemisphere Mining Limited ("Southern Hemisphere", "SUH" or "the Company") (ASX: SUH) is pleased to provide its Quarterly Activities Report for the period ending 30 September 2020.

CHILEAN PROJECTS:

Colina2 Gold Project - Central Chile (100%)

SUH commenced a second field exploration program at its 100% owned Colina2 Project in central Chile. The current trenching program consists of over 2700m of trenching and is shown in Figure 2 below and follows the interpreted strike of the Colina2 gold discovery to the SW including where the rockchip grading 3.1g/t was taken, on approximately 100m spaced lines and will provide enough information to target the future RC and diamond drilling program. Samples will be collected as 2m composites along the trench with an average weight of 7kg per sample. A total of 364 samples were collected from 3 trenches by the end of September. The program is expected to be completed by the end of October and results will be available as they are supplied by the laboratory during the coming weeks.



Figure 1: Location map of the Colina2 Project central Chile

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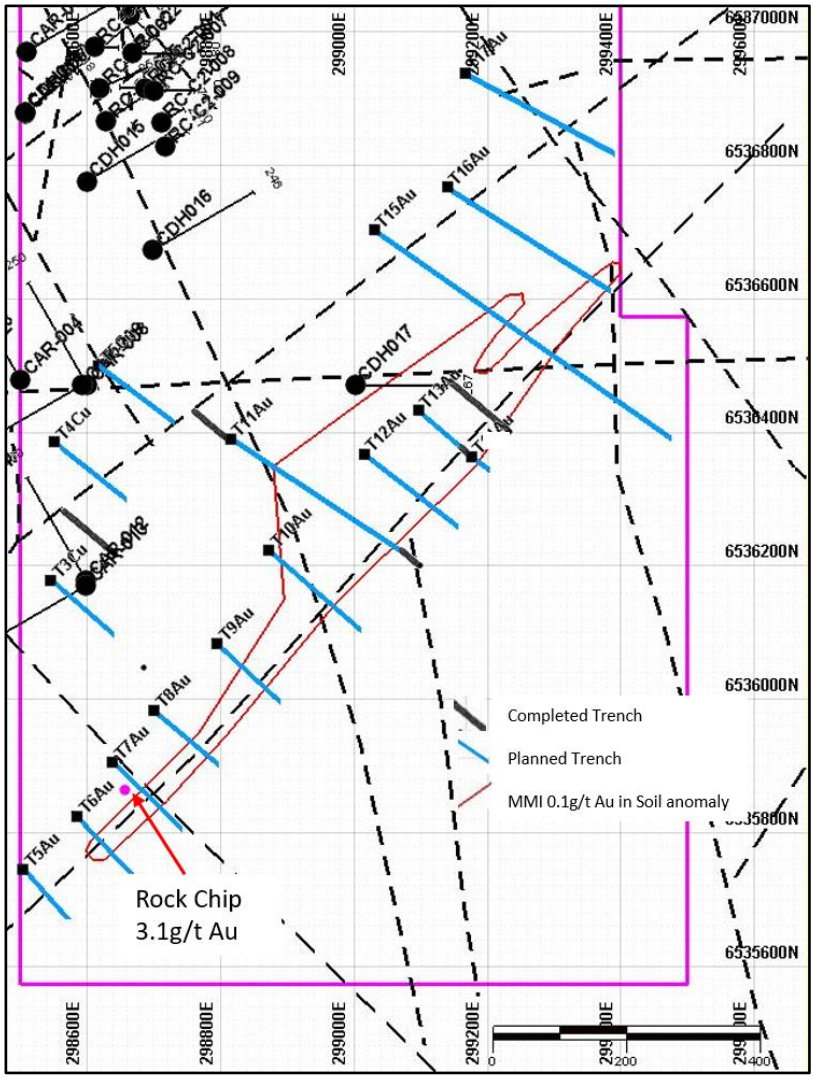


Figure 2: Current Trenching Program at Colina2 Gold Copper Project in blue

The Colina2 project was acquired by SUH in 2012 and covers an area of approximately 259Ha shown in the map below, located 9km to the northwest of Sociedad Punta del Cobre S.A. (Pucobre) El Espino Copper Mine which is advancing towards development.

Llahuin Copper Gold Molybdenum Project (100%)

The Llahuin copper project hosts a 149Mt @0.41%CuEq resource. Exploration activities at the Llahuin project during the quarter were completed by Sociedad Punta del Cobre S.A. (Pucobre). Pucobre is a copper producer listed on the Santiago Stock Exchange.

Pucobre are progressing towards development of the large El Espino Copper mine with estimated US$658m capex, production estimated 42,000t Cu and 30,000 oz gold p.a over 20 years. Please refer to the following link for further information on this:

https://www.pucobre.cl/OpenDocs/asp/pagDefault.asp?boton=Doc50&argInstanciaId=50&argCarpetaId=11&argTreeNodosAbiertos=(0)(11)&argTreeNodoSel=11&argTreeNodoActual=11&argRegistroId=10

Pucobre have completed works and extraction of samples for metallurgical testwork from a historic adit into the Central Porphyry deposit. The testwork will evaluate if SUH's Llahuin copper resource would be complimentary to the development schedule of their El Espino Copper Mine 8km away, (20km by existing road).

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The program included surveying and sampling of the main adit over 150m in length to provide sufficient material (+ one tonne) for assaying and metallurgical testwork. The metallurgical testing will confirm if the material from Llahuin can be blended with the El Espino ore for processing without affecting the original copper-gold recoveries. This work is ongoing and Sedgman Perth have been engaged to review the current testwork and provide suggestions for future testwork.

Los Pumas Manganese Project (100%)

This advanced manganese development project is available for joint venture or sale. Resources include 23.73 million tonnes of Manganese ore at 7.81% Mn as per the details noted below. There is excellent potential to increase the size of the resource and metallurgical studies have demonstrated a >38% Mn concentrates are achievable by DMS with low impurities and high silica product.

Corporate

On 18 August 2020, the Company announced that its non-renounceable pro rata entitlements offer to raise over $543,000 closed heavily oversubscribed. As a result of the oversubscription from investors for shortfall shares, the Directors conducted a scale-back of applications and all shareholders who applied for additional shares were allocated up to $1,400 each, and the remainder (<50%) was allocated by underwriters in accordance with the policy outlined in the offer document.
Funds raised will be used to further advance the Company's Chilean assets, particularly the Colina2 gold prospect and for working capital.

Expenditure

As outlined in the attached Appendix 5B (section 6.1), during the quarter approximately $18,000 in payments were made to related parties and their associates for director salaries, consultancy fees, superannuation and other related costs. The Company spent approximately $94,000 on exploration during the quarter and $44,000 on administration and corporate costs.

For the purpose of ASX Listing Rule 15.5, the Board has approved for this announcement to be released.

CONTACTS:
For further information on this update or the Company generally, please visit our website at www.shmining.com.au or contact:

Keith Coughlan
kcoughlan@shmining.com.au
Telephone: +61 (0) 419 996 333

BACKGROUND INFORMATION ON SOUTHERN HEMISPHERE MINING:

Southern Hemisphere Mining Limited is an experienced minerals explorer in Chile, South America. Chile is the world's leading copper producing country and one of the most prospective regions of the world for major new copper discoveries. The Company's projects also include the Los Pumas Manganese Project and the Llahuin Porphyry Copper-Gold Project, both of which were discovered by SUH, and the recently identified Colina 2 Gold prospect.

Llahuin Copper Project: Total Measured and Indicated Resources - JORC (2004) Compliant. As announced to the market on 18 August 2013.

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Resource (at 0.28% Cu Equiv cut-off)	Tonnes Millions	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 plus Indicated	**149**	**0.29**	**0.12**	**0.008**	**0.41**
Inferred	20	0.20	0.19	0.005	0.36

Note: *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 natured mines. Copper equivalent conversion factors and long-term price assumptions used are stated below:*

Copper Equivalent Formula= Cu % + Au (g/t) x 0.72662 + Mo % x 4.412 Price Assumptions- Cu ($3.40/lb), Au ($1,700/oz), Mo ($15/lb)

Los Pumas Manganese Project: Total Measured and Indicated Resources - JORC (2004) Compliant. As announced to the market on 25 March 2011.

Resource (at 4% Mn cut-off)	Tonnes Millions	Mn %	SiO_2 %	Fe_2O_3 %	Al %	K %	P %
Measured	5.27	7.39	57.85	2.78	5.62	2.88	0.05
Indicated	13.06	7.65	55	2.96	5.64	2.92	0.05
Measured plus Indicated	**18.34**	**7.58**	**55.82**	**2.91**	**5.62**	**2.91**	**0.05**
Inferred	5.39	8.59	51.44	2.72	5.49	2.69	0.06
Total	**23.73**	**7.81**					

Metallurgical studies have demonstrated greater than 38% Mn concentrates are achievable by DMS with low impurities and high silica product.

COMPETENT PERSON / QUALIFIED PERSON STATEMENT:

The information in this report that relates to copper and gold exploration results for the Company's Projects is based on information compiled by Mr Adam Anderson, who is a Member of The Australasian Institute of Mining and Metallurgy and The Australian Institute of Geoscientists. Mr Anderson has sufficient experience which 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". Mr Anderson is a consultant for the Company and consents to the inclusion in the report of the matters based on his information in the form and context in which it appears. For further information, please refer to the Technical Reports and News Releases on the Company's website at www.shmining.com.au.

FORWARD LOOKING STATEMENTS AND IMPORTANT NOTICE:

This announcement may contain forward looking statements that are subject to risk factors associated with the oil and gas industry. It is believed that the expectations reflected in these statements are reasonable, but they may be affected by many variables which could cause actual results or trends to differ materially.

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Investors should make and rely upon their own enquiries before deciding to acquire or deal in the Company's securities.

This announcement may contain forecasts, projections and forward-looking information. Although the Company believes that its expectations, estimates and forecast outcomes are based on reasonable assumptions it can give no assurance that these will be achieved. Expectations, estimates, projections and information provided by the Company are not a guarantee of future performance and involve unknown risks and uncertainties, many of which are out of the Company's control. Actual results and developments may differ materially from those expressed or implied. To the maximum extent permitted by applicable laws, the Company makes no representation and can give no assurance, guarantee or warranty, express or implied, as to, and takes no responsibility and assumes no liability for (1) the authenticity, validity, accuracy, suitability or completeness of, or any errors in or omission from, any information, statement or opinion contained in this announcement and (2) without prejudice to the generality of the foregoing, the achievement or accuracy of any forecasts, projections or other forward looking information contained or referred to in this announcement.

Southern Hemisphere Mining Limited Group Tenement Schedule						
Los Pumas, Chile						
Tenement ID	Status	Location	Area	Area Units	Ownership	Registered Holders
AWAHOU 1 AL 20	Granted	General Lagos	200	Hectares	100%	MHS
EMANUEL 1 AL 20	Granted	General Lagos	200	Hectares	100%	MHS
LLUTA I 1 AL 60 RED 1/54	Granted	Putre	249	Hectares	100%	MHS
LLUTA II 1 AL 300 RED 1/285	Granted	Putre	285	Hectares	100%	MHS
PUTRE 6, 1 AL 20 RED 1/11	Granted	Putre	65	Hectares	100%	MHS
PUTRE I 1 AL 20	Granted	Putre	86	Hectares	100%	MHS
PUTRE II 1 AL 20	Granted	Putre	124	Hectares	100%	MHS
Colina 2 Project						
Tenement ID	Status	Location	Area	Area Units	Ownership	Registered Holders
COLINA 2 1 AL 30	Granted	Canela	259	Hectares	100%	Llahuin
Llahuin Project						
Tenement ID	Status	Location	Area	Area Units	Ownership	Registered Holders
AMAPOLA 1 1 AL 20	Granted	Llahuin	200	Hectares	100%	Llahuin
AMAPOLA 2 1 AL 20	Granted	Llahuin	196	Hectares	100%	Llahuin
AMAPOLA 3 1 AL 20	Granted	Llahuin	195	Hectares	100%	Llahuin
AMAPOLA 4 1 AL 20 RED 1/18	Granted	Llahuin	180	Hectares	100%	Llahuin
AMAPOLA I 1 AL 228	Granted	Llahuin	228	Hectares	100%	Llahuin
AMAPOLA II 1 AL 256	Granted	Llahuin	256	Hectares	100%	Llahuin
Rincon Project						
Tenement ID	Status	Location	Area	Area Units	Ownership	Registered Holders
RINCON 7 1 AL 30	Granted	Salamanca	300	Hectares	100%	MHS