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FURTHER STRONG DRILLING RESULTS FROM LLAHUIN PORPHYRY COPPER PROJECT, CHILE

MAIDEN JORC COMPLIANT RESOURCE ESTIMATE DUE BY END OF Q1 2012

- **Four drill rigs currently in operation at the Llahuin Porphyry Copper Project**
- **Highlights from the latest results include:**
  - ***66m @ 0.45% Cu Equivalent* from 126m***
  - ***102m @ 0.46% Cu Equivalent from 96m***
  - ***74m @ 0.45% Cu Equivalent from surface***
- **New gold analysis results demonstrate further value from previously reported drilling – molybdenum analysis to follow**
- **Maiden JORC resource estimate expected by end of Quarter**

International mining company Southern Hemisphere Mining Limited (ASX: SUH, TSX-V: SH) ("Southern Hemisphere" or the "Company") is pleased to report the results of a further 12 successful drill holes at its Llahuin Porphyry Copper Project ("Llahuin"), located 250km north of Santiago in northern Chile.

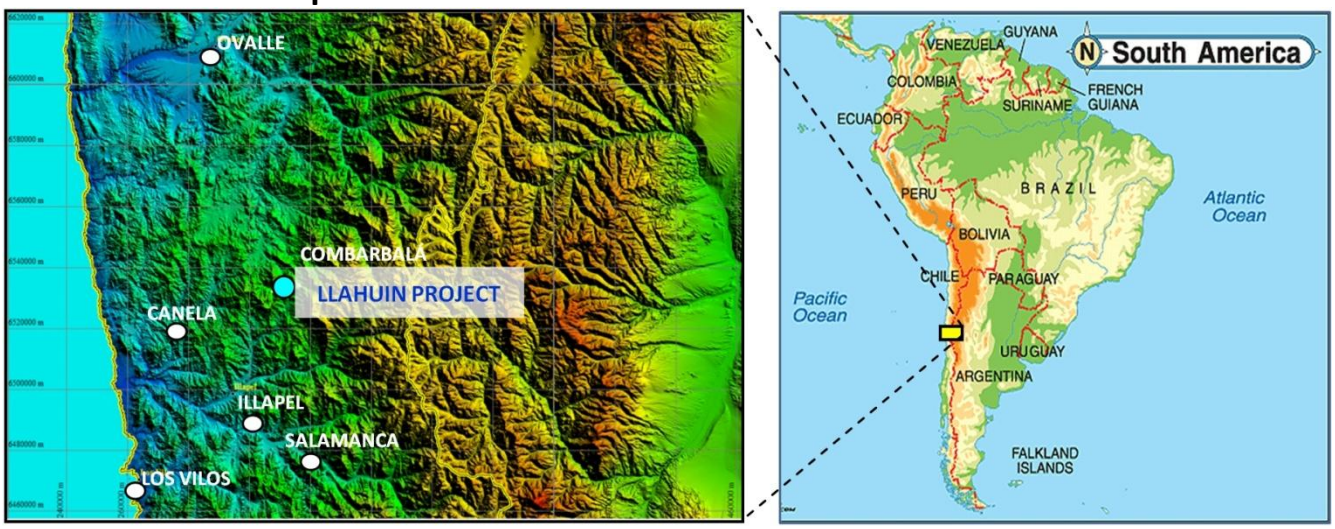
The Company currently has three diamond drill ("DDH") rigs and one Reverse Circulation ("RC") drill rig operating at Llahuin, with a total of 12,336m of RC and 4,024m of diamond drilling completed to date. Since the last News Release on 2 December 2011, 23 RC drill holes (RC-LLA-41 to RC-LLA-63) and 5 DDH holes (DDH-LLA-006 to DDH-LLA-010) have been completed.

The current drilling program will enable a maiden JORC compliant Mineral Resource statement to be completed by the end of the first Quarter of calendar 2012.

Gold grades for previously reported drill holes are now available and highlight intercepts at copper equivalent values are reported below. Composite samples for molybdenum analysis have been submitted and when results are received, the copper equivalent values will be modified.

The Llahuin project is located in Region IV, 250 kms north of Santiago at an elevation of 1,300 metres and is 17km south from the town of Combarbala, which has a population of 14,000 and full amenities. The national power grid is within 10km from the project.

Llahuin Location Map:



Highlight intercepts – from holes drilled since last ASX Announcement

Drill-hole ID	Cu	Au	Cu Equiv*	
RC-LLA-039	6m @ 0.67%	0.24g/t	0.83%	From 16m
RC-LLA-039	58m @ 0.39%	0.07g/t	0.44%	From 64m
RC-LLA-039	66m @ 0.39%	0.09g/t	0.45%	From 126m
RC-LLA-042	26m @ 0.24%	0.11g/t	0.31%	From 92m
RC-LLA-042	36m @ 0.27%	0.22g/t	0.42%	From 128m
RC-LLA-042	14m @ 0.24%	0.16g/t	0.35%	From 176m
RC-LLA-044	14m @ 0.35%	0.01g/t	0.36%	From 4m
RC-LLA-044	102m @ 0.41%	0.08g/t	0.46%	From 96m
RC-LLA-049	24m @ 0.31%	0.04g/t	0.34%	From 98m
RC-LLA-049	8m @ 0.27%	0.10g/t	0.34%	From 192m
RC-LLA-050	74m @ 0.42%	0.05g/t	0.45%	From 0m
includes	42m @ 0.53%	0.06g/t	0.57%	From 6m
RC-LLA-051	74m @ 0.24%	0.03g/t	0.26%	From 0m
RC-LLA-054	38m @ 0.25%	0.31g/t	0.46%	From 0m
RC-LLA-054	10m @ 0.24%	0.21g/t	0.38%	From 154m
RC-LLA-057	40m @ 0.21%	0.21g/t	0.35%	From 0m
RC-LLA-057	12m @ 0.27%	0.27g/t	0.45%	From 50m
RC-LLA-059	48m @ 0.17%	0.29g/t	0.36%	From 4m

Drillhole ID	Cu	Au	Cu Equiv*	
DDH-LLA-004	128m @ 0.13%	0.19g/t	0.28%	From 134m
DDH-LLA-005	26m @ 0.38%	0.05g/t	0.41%	From 332m
DDH-LLA-007	16m @ 0.25%	0.07g/t	0.30%	From 214m
DDH-LLA-007	68m @ 0.21%	0.06g/t	0.25%	From 314m
DDH-LLA-007	10m @ 0.39%	0.07g/t	0.44%	From 508m

Previously reported highlight intercepts now with associated gold values and copper equivalent values: Refer to 2 December 2011 ASX and TSX-V news release

Drillhole ID	Cu	Au	Cu Equiv*	
RC-LLA-001	208m @ 0.42%	0.19g/t	0.55%	From 0m
RC-LLA-002	23m @ 0.40%	0.12g/t	0.48%	From 18m
RC-LLA-002	64m @ 0.42%	0.11g/t	0.49%	From 106m
RC-LLA-003	73m @ 0.59%	0.05g/t	0.62%	From 0m
RC-LLA-004	29m @ 0.41%	0.05g/t	0.44%	From 0m
RC-LLA-004	60m @ 0.34%	0.05g/t	0.37%	From 35m
RC-LLA-004	64m @ 0.30%	0.05g/t	0.33%	From 111m
RC-LLA-005	199m @ 0.33%	0.08g/t	0.39%	From 0m
RC-LLA-006	32m @ 0.48%	0.12g/t	0.57%	From 1m
RC-LLA-006	45m @ 0.43%	0.24g/t	0.59%	From 198m
RC-LLA-010	496m @ 0.40%	0.08g/t	0.45%	From 0m
includes	126m @ 0.60%	0.14g/t	0.70%	From 210m
RC-LLA-011	220m @ 0.39%	0.08g/t	0.44%	From 0m
RC-LLA-012	184m @ 0.38%	0.06g/t	0.42%	From 3m
RC-LLA-013	85m @ 0.39%	0.05g/t	0.42%	From 1m
RC-LLA-013	53m @ 0.40%	0.07g/t	0.45%	From 148m
RC-LLA-016	108m @ 0.47%	0.10g/t	0.53%	From 0m
RC-LLA-016	34m @ 0.28%	0.15g/t	0.38%	From 122m
RC-LLA-017	66m @ 0.40%	0.04g/t	0.43%	From 0m
RC-LLA-020	28m @ 0.27%	0.14g/t	0.37%	From 40m
RC-LLA-020	10m @ 0.32%	0.41g/t	0.59%	From 184m
RC-LLA-021	154m @ 0.30%	0.08g/t	0.36%	From 62m
RC-LLA-022	46m @ 0.22%	0.47g/t	0.53%	From 0m
RC-LLA-023	42m @ 0.21%	0.19g/t	0.34%	From 0m
RC-LLA-025	294m @ 0.30%	0.06g/t	0.35%	From 246m
includes	50m @ 0.44%	0.06g/t	0.48%	From 246m
includes	16m @ 0.39%	0.11g/t	0.47%	From 300m

Drillhole ID	Cu	Au	Cu Equiv*	
RC-LLA-026	152m @ 0.42%	0.08g/t	0.47%	From 0m
RC-LLA-026	126m @ 0.39%	0.22g/t	0.54%	From 192m
RC-LLA-027	78m @ 0.41%	0.03g/t	0.43%	From 2m
includes	46m @ 0.47%	0.04g/t	0.50%	From 2m
RC-LLA-030	30m @ 0.25%	0.03g/t	0.27%	From 90m
RC-LLA-030	32m @ 0.29%	0.03g/t	0.31%	From 134m
RC-LLA-031	16m @ 0.46%	0.04g/t	0.49%	From 0m
RC-LLA-031	32m @ 0.37%	0.03g/t	0.39%	From 24m
RC-LLA-032	12m @ 0.44%	0.11g/t	0.51%	From 70m
RC-LLA-033	36m @ 0.33%	0.03g/t	0.34%	From 38m
RC-LLA-033	20m @ 0.28%	0.05g/t	0.31%	From 84m
RC-LLA-033	24m @ 0.27%	0.17g/t	0.38%	From 108m
RC-LLA-034	14m @ 0.40%	0.04g/t	0.42%	From 4m
RC-LLA-034	40m @ 0.37%	0.06g/t	0.40%	From 30m
RC-LLA-034	18m @ 0.39%	0.09g/t	0.44%	From 90m
RC-LLA-034	18m @ 0.42%	0.07g/t	0.47%	From 126m
RC-LLA-034	26m @ 0.38%	0.09g/t	0.44%	From 156m
RC-LLA-034	12m @ 0.53%	0.32g/t	0.76%	From 196m
RC-LLA-035	14m @ 0.22%	0.24g/t	0.38%	From 82m
RC-LLA-035	14m @ 0.32%	0.16g/t	0.43%	From 116m
RC-LLA-035	30m @ 0.22%	0.16g/t	0.32%	From 170m
RC-LLA-036	14m @ 0.43%	0.06g/t	0.47%	From 8m
RC-LLA-036	14m @ 0.29%	0.09g/t	0.34%	From 102m
RC-LLA-036	64m @ 0.29%	0.25g/t	0.45%	From 136m
RC-LLA-037	10m @ 0.21%	0.49g/t	0.54%	From 168m

The Company has defined an area with elevated gold grades at a location 1km south of the Llahuin Porphyry. The highlighted intercepts from these drill holes are shown below:

Drillhole ID	Cu	Au	Cu Equiv*	
RC-LLA-054	38m @ 0.25%	0.31g/t	0.46%	From 0m
RC-LLA-057	40m @ 0.21%	0.21g/t	0.35%	From 0m
RC-LLA-057	12m @ 0.27%	0.27g/t	0.45%	From 50m
RC-LLA-059	48m @ 0.17%	0.29g/t	0.36%	From 4m
RC-LLA-022	46m @ 0.22%	0.47g/t	0.53%	From 0m
RC-LLA-023	42m @ 0.21%	0.19g/t	0.34%	From 0m

Regional Strategy

Since the first drill was sunk into the Llahuin porphyry on 1 June 2011, Southern Hemisphere has made steady progress towards defining a JORC compliant resource. The fact that the Llahuin porphyry outcrops at surface and has its location close to amenities should provide for competitive capital and operating costs.

Southern Hemisphere is continuing to review opportunities to acquire additional copper projects in the region surrounding Llahuin, with a view to identifying and securing potential satellite projects based around a centrally located hub at Llahuin. Further updates will be provided on this strategy in due course.

New drill hole locations

The new drill hole locations are provided below and for previous locations refer to 2 December 2011 ASX and TSX-V news release**.**

Drill-hole ID	X	Y	Z	Total Depth	Azimuth	Dip
RC-LLA-039	307902	6531713	1344	204	300	-60
RC-LLA-042	307705	6531739	1321	190	300	-60
RC-LLA-044	307910	6531760	1339	210	300	-60
RC-LLA-049	307864	6531659	1338	200	300	-60
RC-LLA-050	307681	6531799	1318	200	300	-60
RC-LLA-051	307658	6531860	1323	200	300	-60
RC-LLA-054	307314	6531030	1359	222	60	-60
RC-LLA-057	307403	6531079	1342	200	60	-60
RC-LLA-059	307233	6530990	1393	186	60	-60
DDH-LLA-004	307760	6531628	1329	644.2	300	-65
DDH-LLA-005	307900	6531853	1348	560.8	300	-60
DDH-LLA-007	308001	6531638	1352	632.4	300	-60

* Copper Equivalent Calculation

Copper Equivalent (also Cu Equiv*) Calculation represents 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 (ppm) x 0.6669
Price Assumptions- Cu (US$3.50/lb), Au (US$1,600/oz)

Geology

Refer to 18 July 2011 ASX and TSX-V news release for Llahuin geological information.

Sampling and Analysis Procedures

Refer to 2 December 2011 ASX and TSX-V news release for Llahuin Sampling and Analysis information.

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Competent Person / Qualified Person Statement

Trevor Tennant (Managing Director - Southern Hemisphere), a Member of the Australasian Institute of Mining and Metallurgy, is a 'Competent Person' as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' and is a 'Qualified Person' under National Instrument 43-101 - 'Standards of Disclosure for Mineral Projects'.

Mr. Tennant was responsible for the design and conduct of this exploration drilling campaign, supervised the preparation of the technical information in this release and has the relevant experience and competence of the subject matter.

Mr. Tennant consents to the inclusion of exploration results and other such information in this news release in the form and context in which it appears.