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## NEWS RELEASE

# Trevali returns deepest intercepts to date from Magistral Central and South deposits – expands Magistral North footwall zones and Puajanca zone

**6.75 metres at 100 g/t (2.9 oz/t) silver, 7.22% lead, 6.83% zinc & 0.18% copper**

**20.45 metres at 7.73% zinc & 0.12% copper**

TRC-NR-10-07

May 31, 2010

Vancouver, British Columbia...Trevali Resources Corp. (“Trevali” or the “Company”) (CNSX: TV, Frankfurt: 4TI, Pink Sheets: TREVVF) is pleased to announce receipt of final geochemical assay results from its 2009-2010 resource expansion, definition and geotechnical drilling program on its Santander silver-lead-zinc mine development project in west-central Peru. The 2009-2010 program was highly successful and exceeded the Company’s technical expectations with all three Magistral deposits, the Puajanca South zone and the Santander Pipe remaining open for future expansion. The Company’s proven exploration team has commenced screening and advancing several high priority geological – structural – geophysical – geochemical anomalies (of similar tenor to known mineralization) to the drill testing stage.

“By any metric the current drill program has been incredibly successful. Our technical team has unequivocally demonstrated with the drill-rig a fundamental understanding of the controls on mineralization at Santander, which sits within the world’s pre-eminent polymetallic mineral belt.” stated Dr. Mark Cruise, Trevali’s President and CEO. “I am confident that we will continue to expand our resource base through new discoveries on our large land-package going forward. Finally, our engineering and permitting teams continue to advance the project on all fronts towards anticipated production”.

Key highlights of the approximately 12,500-metre, 61-hole diamond drill hole program include:

- Intersection of thick, high grade mineralization at mid-to-lower deposit levels
  - Magistral North – SAN-109A 31.75m at 3.4oz/t Ag, 4.86% Pb & 9.96% Zn
  - Magistral Central – SAN-123 41.25m at 2oz/t Ag, 0.8% Pb, 8.2% Zn & 0.11% Cu

- Intersection of significant mineralization beyond the current resource model at depth and along strike
  - Magistral South – **SAN-124 10.85m at 10% Zn**
- Discovery new zones of mineralization, in particular high-grade broadly E-W trending foot-wall zones
  - Magistral North **SAN-158: 6.75m at 2.9oz/t Ag, 7.22% Pb, 6.83% Zn & 0.18% Cu**
  - Magistral Central **SAN-126: 6.75m at 2.9oz/t Ag, 4.12% Pb, 3.76% Zn & 0.1% Cu**
- Intersection of significant mineralization between the Magistral North and Central deposits – **SAN-142: 1.6m at 6.2oz/t Ag, 9.08% Pb, 12.17% Zn & 0.39% Cu; SAN-143: 1.9m at 7.8oz/t Ag, 11.32% Pb, 12.84% Zn & 0.98% Cu**
- Mineralization has been extended to approximately 350-to-400 metres vertically on all three Magistral deposits and remains open. The deepest intersections to date are as follows:
  - Magistral North – SAN-096: **6.3m at 1.8oz/t Ag, 4.74% Pb & 4.18% Zn**
  - Magistral Central – SAN-165: **20.45m at 0.02% Pb, 7.73% Zn, & 0.12% Cu**
  - Magistral South – SAN-159: **4.4m at 0.9oz/t Ag, 0.55% Pb & 8.42% Zn**
- Intersection of significant mineralization on the Puajanca South zone with the latest hole, SAN-155 returning **4.3m at 1.8oz/t Ag, 2.91% Pb and 5.24% Zn**. The Puajanca North prospect located some 450 metres to the north has returned surface values averaging **6.4oz/t Ag, 15.59% Pb and 7.18% Zn** and is interpreted to represent high-level ‘leakage’ from an underlying polymetallic target.
- Mineral system and empirical analysis suggests that all mineralized bodies have significant additional depth potential – conservatively modelled to range from 300-to-500 additional vertical metres.

## PROJECT BACKGROUND

The Santander silver-lead-zinc mine project is located approximately 215 km by road from Lima, in the western extent of Peru’s world-class Central Polymetallic Belt. Site infrastructure includes a fully refurbished 200-man camp and the Tingo hydroelectric power-station located 17 km down-valley to the west. The Company commenced exploration at Santander in November 2007 discovering four new high-grade silver-lead-zinc replacement and massive sulphide bodies to date. Mineralization remains open in all three Magistral deposits, the Puajanca zone and the past-producing Santander Pipe, and numerous high-priority targets remain to be tested.

**Table 1: Summary assay results**

Zone / Borehole (dip / azimuth)	From – To (metres)	Downhole Interval	Ag oz/t (g/t)	Pb %	Zn %	Cu%
Puajanca SAN-154 (-38.1° / 307.9°)	Test of structural – alteration target NW of Puajanca body – failed to intersect significant mineralization					
Puajanca SAN-155 (-29.8° / 84.6°)	30.85 – 31.45m	0.6m	2.3 oz/t (79.6g/t)	8.41%	6.79%	-
	<b>47.75 – 52.05m</b>	<b>4.3m</b>	<b>1.8 oz/t (62.6g/t)</b>	<b>2.91%</b>	<b>5.24%</b>	-
	76.7 – 77.05m	0.35m	6.7 oz/t (230g/t)	3.77%	8.83%	-

Zone / Borehole (dip / azimuth)	From – To (metres)	Downhole Interval	Ag oz/t (g/t)	Pb %	Zn %	Cu%
Magistral South SAN-156 (-33.5° / 199.2°)	Condemnation hole East of Magistral South – potential site of future open-pit waste piles					
Magistral North SAN-157 (-64.7° / 61.1°)	239.65 – 241.8m	<b>2.15m</b>	<b>4.8 oz/t (166.3g/t)</b>	<b>10.27%</b>	<b>14.22%</b>	<b>0.41%</b>
Magistral North Footwall SAN-158 (-36.2° / 0.8°)	18.7 – 19.05m	0.35m	4 oz/t (138.9g/t)	13.66%	9.86%	0.12%
	<b>31.85 – 38.6m</b>	<b>6.75m</b>	<b>2.9 oz/t (100.9g/t)</b>	<b>7.22%</b>	<b>6.83%</b>	<b>0.18%</b>
	Inc 36.8 – 37.6m	0.8m	7.3 oz/t (252g/t)	8.52%	9.13%	0.22%
	44.3 – 46.1m	1.8m	1.9 oz/t (64.5g/t)	2.67%	4.27%	-
Magistral Sur SAN-159 (-60° / 60°)	381.6 – 382.55m <b>392.8 – 397.2m</b>	0.95m <b>4.4m</b>	8.4 oz/t (289.2g/t) <b>0.9 oz/t (30.6g/t)</b>	0.66% <b>0.55%</b>	5.83% <b>8.42%</b>	0.11% -
Magistral Central SAN-160 (-38° / 142°)	Footwall test of portion of Magistral Central deposit – intersected a series of narrow ~0.3-0.4m veins.					
Magistral South SAN-161 (-50° / 235°)	Footwall test of Magistral South deposit – failed to reach target depth					
Magistral South Footwall SAN-162 (-35° / 235°)	<b>18.3 – 24.1m</b>	<b>5.8m</b>	<b>2 oz/t (68.5g/t)</b>	<b>6.54%</b>	<b>0.44%</b>	-
	<b>Inc 18.3 – 21.05m</b>	<b>2.75m</b>	<b>2.9 oz/t (100 g/t)</b>	<b>13.53%</b>	<b>0.66%</b>	-
	118.05 – 124.45m	6.4m	0.7 oz/t (25.8g/t)	2.83%	1.46%	-
	151.6 – 183.3m	31.7m	0.1 oz/t (4.9 g/t)	1.93%	0.24%	-
	Inc 178.25 – 182.15m	3.9m	0.3 oz/t (9 g/t)	3.62%	0.17%	-
Magistral Central SAN-163 (-57° / 60°)	<b>310.4 – 311.8m</b>	<b>1.4m</b>	<b>8.4 oz/t (289.1g/t)</b>	<b>2.49%</b>	<b>9.15%</b>	<b>0.14%</b>
Magistral South Footwall SAN-164 (-45° / 29°)	18.25 – 20.2m	1.95m	1 oz/t (34.3g/t)	1.1%	4.01%	-
Magistral Central SAN-165 (-60° / 57°)	317.95 – 332.1m <b>401.1 – 421.55m</b>	14.15m <b>20.45m</b>	1.2 oz/t (40.2g/t) <b>0.1oz/t (4.7g/t)</b>	0.39% <b>0.02%</b>	1.37% <b>7.73%</b>	- <b>0.12%</b>

An updated, independent N.I. 43-101 is currently in preparation with the results anticipated in late Q2 2010.

#### QUALIFIED PERSON AND QUALITY CONTROL/QUALITY ASSURANCE

Dr. Mark D. Cruise, Trevali's President and CEO and a qualified person as defined by National Instrument 43-101, has supervised the preparation of the scientific and technical information that forms the basis for this news release. Dr. Cruise is not independent of the Company, as he is an officer, director and shareholder.

The work programs at Santander were designed by, and are supervised by, Dr. Mark D. Cruise and Tim Kingsley (Senior Geologist), who together are responsible for all aspects of the work, including the quality control/quality assurance program. On-site personnel at the project rigorously collect and track samples which are then security sealed and shipped to ACME Laboratories, Vancouver, BC for assay.

ACME's quality system complies with the requirements for the International Standards ISO 9001:2000 and ISO 17025: 1999. Analytical accuracy and precision are monitored by the analysis of reagent blanks, reference material and replicate samples. Quality control is further assured by the use of international and in-house standards. Blind certified reference material is inserted at regular intervals into the sample sequence by the Company's personnel in order to independently assess analytical accuracy. Finally, representative blind duplicate samples are routinely forwarded to ACME and an ISO-compliant third party laboratory for additional quality control.

#### **ABOUT TREVALI RESOURCES CORP.**

The Company in conjunction with its prospective partner, Glencore International A.G., is continuing to work through the terms of a definitive development agreement for the Santander project that will, if concluded, see Glencore provide and operate on the property, a 2,000-tonne-per-day concentrate plant, undertake mining operations on a 'contractor/toll basis' and enter into a long-term concentrate offtake agreement with the Company for 100% of the Santander project's production at benchmark terms.

Additionally, through its wholly owned subsidiary Trevali Renewable Energy Inc., the Company is undertaking a significant upgrade of the Tingo run-of-river hydroelectric generating facility along with transmission line upgrades and extensions to allow, in addition to supplying power to the mining operation on the property, the potential sale of surplus power into the Peruvian National Energy Grid.

The common shares of the Company are currently listed on the CNSX (symbol TV). For further details on the Company, readers are referred to the Company's web site ([www.trevali.com](http://www.trevali.com)) and to Canadian regulatory filings on SEDAR at [www.sedar.com](http://www.sedar.com).

On Behalf of the Board of Directors of  
**TREVALI RESOURCES CORP.**

*"Mark D. Cruise" (signed)*  
Mark D. Cruise, President

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The CNSX has not reviewed and does not accept responsibility for the adequacy or accuracy of this release.