

# Samples from Igor Show 84-88% Recovery for Gold and 65-69% Recovery for Silver in Bottle Roll Tests

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Vancouver, British Columbia (FSCwire) - [Peruvian Precious Metals Inc.](#) ("the Company", "Peruvian") is pleased to announce positive results from bottle roll CN leach analyses for samples from the Callanquitas structure at its Igor Mine project in northern Peru. The test work was performed by Certimin SA, an ISO 9001 certified metallurgical laboratory located in Lima, Peru. A bulk sample totaling 109.7 kg was sourced from core sample rejects and had a head grade of 10.80 gpt gold and 39.6 gpt silver. The individual core sample rejects collected for the bulk sample were selected to represent typical alteration and mineralogical characteristics of the oxidized portion of the Callanquitas gold and silver resource. The bulk sample was split into nine individual samples and subjected to three different grind sizes and three different NaCN concentrations for the bottle roll tests. After 96 hours of digestion, gold recoveries ranged from 84.1% to 87.9% (average 86.8%) and silver recoveries ranged from 65.1% to 69.0% (average 67.1%). Gold and silver extraction after 24 and 96 hours of NaCN digestion are summarized in the table below:

Sample	Particle Size			P(80)	NaCN Conc.		Recovery (%) (24 Hr.)				Recovery (%) (96 Hr.)	
% m - 200 Ty	(microns)			(%)	Au	Ag	As	Fe	Au	Ag	As	Fe
Sienna - 1	65	99	0.10	84.55	62.35	0.06	0.02	87.02	66.26	0.17		
Sienna - 2	65	99	0.15	84.83	63.90	0.07	0.05	87.92	66.87	0.25		
Sienna - 3	65	99	0.20	84.10	65.00	0.13	0.12	97.73	68.24	0.47		
Sienna - 4	75	82	0.10	83.77	61.89	0.10	0.09	86.43	66.46	0.32		
Sienna - 12	75	82	0.15	87.86	65.68	0.09	0.08	86.91	67.77	0.61		
Sienna - 6	75	82	0.20	80.47	63.18	0.07	0.08	84.07	66.47	0.33		
Sienna - 8	85	70	0.10	87.77	62.94	0.05	0.05	87.59	65.14	0.36		
Sienna - 9	85	70	0.15	86.77	65.91	0.10	0.09	87.16	67.47	0.68		
Sienna - 10	85	70	0.20	87.48	66.11	0.13	0.11	86.15	68.98	0.74		

Prueba=Sample; Granulometría=Particle size; Micras=Microns; Fuerza de NaCN=NaCN Strength; Extracción %=% Extracted or recovered

## Important conclusions from the bottle roll tests are:

- Consistent recoveries are reported for both gold and silver over a range of grind sizes and NaCN concentrations.
- Most of the gold and silver are recovered early in the leach cycle indicating rapid NaCN leach kinetics.
- Recovery for both gold and silver does not seem to be sensitive to either grind size or NaCN concentration.

The Company has commissioned additional metallurgical testing focused on evaluating the utility of gravity concentration, the possibility of utilizing Merrill-Crowe processing to increase silver recovery, determining the bond work index of the mineralized material and assessing the use of reagents to increase overall precious metal recovery. The data gathered in the metallurgical testing will be used by Peruvian to identify optimum milling/processing scenarios for mineralized material collected as part of the Company's previously announced underground test mining and bulk sampling program.

Brian J. Maher, President and CEO of Peruvian Precious Metals commented: "This metallurgical test work validates our geologic observation that the oxidized gold and silver mineralization from the Callanquitas resource is amenable to conventional NaCN extraction. With the test work in hand, we are excited to move forward with more detailed metallurgical studies that will enhance our understanding of possible milling and processing scenarios, testing that may improve precious metal recoveries further. We are continuing discussions with toll mill operators and processing plant suppliers to determine the best milling options for mineralized material produced from our underground test mining and bulk sampling program".

## About Peruvian Precious Metals Inc.:

[Peruvian Precious Metals](#) (PPX: TSX.V; BVL) is currently exploring and evaluating mine development opportunities at its Igor Mine Project in Northern Peru. The Igor project explores several high grade, gold and silver mineralized high-angle structures that host significant gold and silver resources. The Callanquitas Structure at the Igor Project contains Inferred gold and silver resources of 7,189,000 tonnes grading 1.94 gpt gold and 71.8 gpt silver containing 448,500 ounces of gold and 16,600,000 ounces of silver at a cutoff grade of 1.5 gpt gold equivalent. Included within this resource estimate is a higher grade zone consisting of 2,730,000 tonnes grading 2.73 gpt gold and 119.1 gpt silver containing 239,400 ounces of gold and 10,500,000 ounces of silver using a 3.0 gpt gold equivalent cutoff grade (Please see Technical Report as amended on September 27, 2013 entitled "Technical Report on the Callanquitas Structure, Igor Mine Project, Northern Peru, South America", available on the Company's web site or SEDAR). Mineral resources are not mineral reserves and do not have demonstrated economic viability. There is no certainty that all or any part of the mineral resource will be converted into mineral reserves.

The Company is continuing its exploration and development of the Igor Project including an underground test mining and bulk sampling program designed to generate data to evaluate future mine development options at Igor.

All scientific and technical information in this press release has been reviewed and approved by Quentin J. Browne, P.Geo., Independent Consulting Geologist to Peruvian Precious Metals, who is a qualified person under the definitions established by National Instrument 43-101.

On behalf of the Board of Directors

Brian J. Maher  
President and Chief Executive Officer

**FOR FURTHER INFORMATION, PLEASE CONTACT:**

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