

# NioGold Mining Corp. Obtains 65.8 Percent Gold Recovery on Marban Column Leach Tests

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Montreal, November 11, 2015 - [NioGold Mining Corp.](#) (TSX-V: NOX) (OTCQX: NOXGF) ("NioGold") is pleased to release the results of its preliminary column leach tests on composite samples from the Marban deposit, located on NioGold's 100% owned Marban Block property in the Malartic Gold camp, Abitibi District, Quebec. These tests are the first step in evaluating the potential for a stand-alone heap leach extraction of Marban gold mineralization.

Following initial satisfactory coarse bottle roll tests, standard six-inch column leach tests were done on two different grind sizes (quarter-inch or 4.2 mm and eighth-inch or 2.2 mm) of a composite created from six 100 kg samples. Results are summarized below for the two agglomerated ground composites:

Test No.	Feed Weight (kg)	Calculated	Direct	Average Crush P80 (mm)	Leach Time (days)	NaCN Consump. (kg/t)	Recovery Au %
		Head Grade (g/t Au)	Head Grade (g/t Au)				
CN-25	43.2	1.11	1.00	2.2	91	1.12	65.8
CN-26	43.4	1.00	1.00	4.2	91	1.11	65.4

Maximum recoveries of 65.8% were obtained from agglomerated eighth-inch grind (2.2 mm) over a 91 day leach period, with moderate cyanide consumption. Recoveries of quarter-inch (4.2 mm) material were comparable at the end of the 91 day run. Progressive recoveries over the 91-day leach time period are summarized in the next table, indicating relatively slow but not uncommon leach times for heap leach operations:

Test No.	Gold Extraction, % after no. days								Calc. Head Grade, Au g/t
	5	14	21	35	49	56	70	91	
CN-25	21.4	40.4	47.4	54.9	59.9	61.5	63.6	65.8	1.11
CN-26	16.8	33.0	40.6	50.3	56.8	58.8	62.0	65.4	1.00

Robert Wares, P. Geo., NioGold's President and CEO, stated: "Leach results from this first run of samples were better than expected for Abitibi greenstones. Recovery for eighth-inch agglomerated material is over 65%, which is comparable to many existing heap leach operations and is sufficiently encouraging to warrant further testing at different composite grades. NioGold will aggressively pursue work to determine the viability of a heap leach operation at Marban."

## Technical Info. QA/QC and Qualified Persons

Metallurgical program design and monitoring and sample preparation are being executed under the supervision of Mr Christian Laroche, P. Eng. and Mr. Yan Ducharme, M.Sc., P. Geo., NioGold's Vice-President Exploration, both Qualified Persons as defined by National Instrument 43-101. Metallurgical testing and analyses were performed at SGS Mineral Services in Lakefield, Ontario. QA/QC program utilized is consistent with NI 43-101 and industry best practice standards. This news release was reviewed and approved by Mr. Laroche and Mr. Ducharme.

## **NioGold Mining Corp. - On Canada's Golden Highway**

[NioGold Mining Corp.](#) is a mineral exploration and development company focused on gold. The Company's projects are located in the heart of Quebec's prolific Abitibi gold mining district. The Cadillac, Malartic and Val-d'Or mining camps in this district have produced over 45 million ounces of gold since the 1930's and presently encompass six producing gold mines, including the prolific Canadian Malartic mine located adjacent to NioGold's flagship Marban project. NioGold's land holdings within the Abitibi presently cover 125km<sup>2</sup> and encompass seven former gold producers, notably the Norlartic, Kierens, Marban and Malartic Hygrade mines that collectively produced 630,000 ounces of gold.

NioGold's experienced and qualified technical team are overseeing the advancement of these projects, targeting expansion of the resource base and reserve definition of the Marban Block project.

NioGold invites you to visit the company website at [www.niogold.com](http://www.niogold.com).

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