

Anfield Receives Excellent Results From Phase 2 of Its Metallurgical Testing Program at Its Mayaniquel Project, Guatemala

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VANCOUVER, April 11, 2011 - [Anfield Nickel Corp.](#) (TSX VENTURE: ANF) ("Anfield") is pleased to announce that it has received excellent results from phase 2 of its metallurgical testing program on its 100% owned Mayaniquel nickel laterite project in northeastern Guatemala. The phase 2 program tested material from the Tres Juanes deposit to determine its smelting characteristics and comparability to material from the Sechol deposit. The results confirm that the Tres Juanes samples are chemically similar and therefore will have the same smelting characteristics as those from the Sechol deposit. Based upon the Tres Juanes samples tested, results show that metallurgical smelting nickel recoveries of between 91% and 96% are potentially achievable to produce a ferronickel alloy grading 22.5% nickel. A ferronickel alloy product containing 20-25% nickel is generally preferred by most stainless steel producers.

The phase 2 testwork, undertaken at Mintek's laboratory in Johannesburg, South Africa, was conducted on bulk samples from the Tres Juanes Norte deposit. Nine composite samples averaging 20 kilograms each were prepared from coarse reject material conserved during the drill core sample preparation process. The samples represent the three laterite lithologies found at Tres Juanes (limonite, transition and saprolite) and targeted low, medium and high nickel grades from the three lithologies. These samples were subjected to sub-sampling and chemical analysis and based on their composition, and related modeling work, three blends were derived. The three blends consisted primarily of saprolite material (low, medium and high grade) with varied additions of transition and/or limonite material to simulate variations in plant feed compositions that may be encountered during the mining and smelting process. Blends A and B were also chosen to evaluate the reproducibility with the phase 1 metallurgical test work completed in September 2010. Blend C was selected to evaluate the smelting of an increased proportion of higher iron oxide-containing materials, namely transition and limonite.

The three blends prepared for smelting tests had the following chemical characteristics.

	Blend A	Blend B	Blend C		
Ni head grade % (dry basis)			1.80	1.88	1.55
Fe/SiO ₂	0.39	0.58	0.62		
SiO ₂ /MgO	1.69	1.69	1.90		
Fe/Ni	8.4	10.3	13.7		

A series of eighteen laboratory smelting tests were conducted on the three blends (calcined and pre-reduced) using various carbon additions to evaluate their smelting behaviour (specifically with regard to carbon requirement and nickel recovery). Ferronickel alloys were successfully produced from all three blends.

The results from the smelting testwork with calcined blends confirm that the predictions from the metallurgical smelting model used to test the Sechol material apply successfully to material from Tres Juanes. Ferronickel alloys containing 24% to 34% nickel can be achieved at a recovery rate of 90%, while for a recovery rate of 94%, ferronickel alloy grades ranging between 18% and 26% nickel are predicted. Based upon a 22.5% nickel in ferronickel product grade, the three blends from Tres Juanes produced the following predictive nickel and iron recoveries and power consumption rates:

	Blend A	Blend B	Blend C		
Ni head grade % (dry basis)			1.80	1.88	1.55
MWh/t calcine*	0.503	0.511	0.492		
Ni recovery %	95.6	94.0	90.9		
Fe recovery %	38.5	30.9	22.2		

(* for assumed pre-heating and pre-reduction conditions)

The metallurgical testing program is now focused on determining the appropriate materials handling

methodologies for the Sechol and Tres Juanes mineralized material including evaluating the amenability of the material to physical upgrading of nickel (phase 3).

The Mayaniquel project comprises mineral exploration licenses totaling approximately 54,000 hectares in the nickel laterite belt surrounding Lake Izabal, 120 kilometers northeast of Guatemala City. The bulk of Anfield's mineral exploration licenses lie adjacent to the "Fenix Project" owned by Compañía Guatemalteca de Niquel S.A., a subsidiary of HudBay Minerals, Inc.

On September 20, 2010, Anfield announced that it had received an interim, independent NI 43-101 compliant mineral resource estimate for the Mayaniquel project, and is shown in the table below:

1% Ni cutoff grade Dry Metric Tonnes (million) Nickel Grade (%) Contained Nickel (million pounds)

Indicated Resource Category

Transition & Saprolite 12.1 1.57 416.4

Limonite 7.0 1.14 177.1

Inferred Resource Category

Transition & Saprolite 49.6 1.37 1,494.1

Limonite 13.1 1.11 319.6

Mineral resources do not have demonstrated economic viability.

Dr. Nicholas Adrian Barcza, BSc, MSc, PhD, PrEng. (ECSA), and a Metallurgical Engineering Consultant to Anfield, is the Qualified Person as defined by NI 43-101 for the metallurgical testing program at the Mayaniquel Project. Dr. Barcza has reviewed and approved the contents of this news release as it relates to the preliminary results of the metallurgical testing program.

ANFIELD NICKEL CORP.

David Strang

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