

# GOSSAN RESOURCES LIMITED

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NEWS RELEASE 04-13

## High Grade Nickel Sulphides Found on Bird River Sill Gossan Acquires More Ground

December 9, 2004 – **Gossan Resources Limited** (GSS-TSX.V & GSR-Frankfurt/Freiverkehr) has again expanded its land package on the nickel-PGM-prospective Bird River Sill based on new information presented at the Manitoba Mining and Mineral Convention held November 18-20, 2004. Dr. Peter Theyer of the Manitoba Geological Survey outlined new evidence of nickel-PGM mineralization being remobilized out of the Bird River Sill. At Mustang Minerals Corp.'s Maskwa Pit, which was last mined in the mid-1970's, a recent analysis of 14 samples of pyrrhotite-rich "waste rock" assayed on average 6.65 % Nickel, 0.09% Copper, 4.0gpt Palladium, and 1.6gpt Platinum.

Dr. Theyer believes that this analysis demonstrates the existence of a layer(s) of pyrrhotite, hosting substantial Nickel and PGM concentrations, that was remobilized (northward) into the footwall of the Maskwa Deposit. Nickel and PGM mineralization in the Bird River Sill Complex, which is magmatogenic, may have been remobilized into economically significant deposits that may be at a distance from their origin in the Sill. Dr. Theyer identified 27 sulphide occurrences on the Bird River Sill that, in light of this new discovery, merit renewed attention. Twelve of these sulphide zones are located on Gossan's ground.

Gossan has now expanded its Bird River Sill Property to 5,655 hectares (13,974 acres) by staking an additional 2,048 hectares on the north side of the Sill. The property covers over 21 kilometers of the Bird River Sill Complex and it is comprised of the new Western (Ward's) Extension and 4 separate faulted blocks of the Sill – the National Ledin, the Chrome and its Extension, the Peterson and the Page. Locally, about 500 to 600 meters thick, the Bird River Sill is a differentiated gabbroic complex, which trends east-west, dips steeply to the south and is subdivided into a basal ultramafic, a transitional and an upper mafic series. This complex carries important concentrations of palladium and platinum along with nickel, copper, zinc and chromite. The property is located about 40 km east of Lac Du Bonnet, Manitoba and, along the Sill, approximately 6 km west and northwest of Mustang Minerals' Maskwa Deposit.

Additional information, including an extract of Dr. Theyer's presentation is available at [www.gossan.ca/mgs.pdf](http://www.gossan.ca/mgs.pdf). Mustang Minerals (MUM) have also made a related news release today.

Gossan Resources Limited is engaged in mineral exploration in Manitoba and northwestern Ontario. It has a well-diversified portfolio of properties hosting gold, platinum group and base metals, as well as the specialty metals, tantalum, chromium, titanium and vanadium. The Company also has a large deposit of magnesium-rich dolomite and a silica sand prospect. Gossan trades on the TSX Venture and the Frankfurt/Freiverkehr & Xetra Exchanges and has 15,296,124 shares outstanding (16,746,124 shares fully diluted).

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**The TSX Venture Exchange has not reviewed and does not accept responsibility for the adequacy or accuracy of this news release.**