

WESCAN GOLDFIELDS INC.



NEWS RELEASE

Stock Symbol: WGF: TSX-V

December 16, 2010

Saskatoon, Saskatchewan

WESCAN EXPANDS TECHNICAL GROUP

Darren Anderson, President of Wescan Goldfields Inc. (“Wescan” or the “Company”) is pleased to announce that Mr. Mark Shimell has joined the Company in a consulting role as Vice President of Exploration effective December 16, 2010.

Mr. Shimell, a Professional Geoscientist with a Bachelor of Science degree, has been working as a geologist with Shore Gold Inc. (“Shore”) exploring for diamonds in Saskatchewan. Mark graduated from the Royal School of Mines in London, England in 1995 with a Mining Geology Degree and returned in 1999 to complete a Masters program in Petroleum Geosciences and Geophysics. After completing his first degree he joined the geological consulting firm A.C.A Howe International (“Howe”) working out of the U.K. During his time with Howe he worked on a wide variety of international projects providing technical and geographic information system support to a number of senior consultants. Mark spent two years as a geologist in West Africa working on a gold exploration project and a year in Scotland working on a coal bed methane project as a consultant of Howe. Mark joined Shore in January, 2008, after having worked as a Howe consultant on Shore’s Star Diamond project for eight years.

Wescan is also in the process of contracting the services of North Rim Exploration Ltd. (“North Rim”) a firm that has extensive knowledge of the Hudson Bay coal bed. North Rim will review Wescan’s 2009 Phase 1 drilling program data which has provided an excellent geological understanding of the region. By providing a further research review of this data, a framework will be developed to identify where sub-basins containing thicker intersections are more likely to occur. This research review is intended to assist the Company in designing its Phase II drill program on four of its Hudson Bay area priority areas which remain largely unexplored.

Established in 1984, North Rim is an employee-owned company based in Saskatoon, Saskatchewan and is committed to providing exceptional customer service to clients requiring comprehensive geological and engineering expertise. North Rim has worked with a number of clients ranging from large international exploration firms, such as Mosaic Potash, to regional firms, such as Athabasca Potash and NuCoal Energy Corporation.

Wescan will continue to utilize the consulting services of Howe who recently completed a Mineral Resource Estimate on the Company’s Jojay Gold Property in accordance with Canadian Securities Administrators National Instrument 43-101 and CIM Standards on Mineral Resources and Reserves.

As the Company believes that there is a strong potential to define additional mineral reserves at the Jojay deposit, the Company is currently reviewing all historical data and is planning further drilling and an exploration program to expand the gold resource at the Jojay deposit and assess

other areas along the Jojay structural zone. Howe will play an active part in this process, as they have now provided expertise on well over one thousand projects for the mineral resources industry at many levels of development, including grass roots exploration.

The Company would also like to thank Kirsten Marcia for her time served at Wescan and wish her success with her future endeavors.

Darren Anderson states, "The economic downturn in the economy that started in 2008 significantly set back Wescan's growth strategy. We have weathered the fallout of this downturn with our property portfolio intact. We continue to believe our property portfolio holds great potential. Our recent success in raising further capital has strengthened our balance sheet to the point where we can get back to our original objectives of growing the Company through further exploration on our coal and gold properties as well as other opportunities should they present themselves. The addition of Mark and the engagement of North Rim are the first steps in that regard."

Wescan is a Canadian based corporation engaged in the acquisition, exploration and development of mineral properties. Shares of the Company trade on the TSX Venture exchange under the trading symbol "WGF".

For further information please contact: Darren Anderson, President or Harvey Bay, Chief Financial Officer at (306) 664-2422.

"Neither TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release."

Caution Regarding Forward-looking Information

This press release contains forward-looking statements within the meaning of certain securities laws, including the "safe harbour" provisions of Canadian Securities legislation and the United States Private Securities Litigation Reform Act of 1995. The words "may," "could," "should," "would," "suspect," "outlook," "believe," "plan," "anticipate," "estimate," "expect," "intend," and words and expressions of similar import are intended to identify forward-looking statements, and, in particular, statements regarding Wescan's future operations, future exploration and development activities or other development plans contain forward-looking statements. Forward-looking statements in this press release include, but are not limited to, information respecting further exploration of the Hudson Bay area property and anticipated increases to the Jojay Gold Deposit

These forward-looking statements are based on Wescan's current beliefs as well as assumptions made by and information currently available to it and involve inherent risks and uncertainties, both general and specific. Risks exist that forward-looking statements will not be achieved due to a number of factors including, but not limited to, developments in world coal and gold markets, risks relating to fluctuations in the Canadian dollar and other currencies relative to the US dollar, changes in exploration, development or mining plans due to exploration results and changing budget priorities of Wescan, the effects of competition in the markets in which Wescan operates, the impact of changes in the laws and regulations regulating mining, exploration and development, judicial or regulatory judgments and legal proceedings and operational risks and the additional risks described in Wescan's most recently filed annual and interim MD&A, news releases and technical reports. Wescan's anticipation of and success in managing the foregoing risks could cause actual results to differ materially from what is anticipated in such forward-looking statements.

Although management considers the assumptions contained in forward-looking statements to be reasonable based on information currently available to it, those assumptions may prove to be incorrect. When making decisions with respect to Wescan, investors and others should not place undue reliance on these statements and should carefully consider the foregoing factors and other uncertainties and potential events. Unless required by applicable securities law, Wescan does not undertake to update any forward-looking statement that may be made.

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