



February 27, 2012

SOLITARIO FILES NI 43-101 TECHNICAL REPORT FOR ITS MT. HAMILTON GOLD PROJECT, NEVADA

Denver, Colorado: Solitario Exploration & Royalty Corp. ("Solitario;" NYSE Amex: **XPL**; TSX: **SLR**) and Ely Gold & Minerals ("Ely Gold;" TSX.V: **ELY**) report that the NI 43-101 technical report summarizing the Feasibility Study on the Mt. Hamilton gold project in eastern Nevada has been filed with both Canadian and U.S. regulatory agencies. Results of the Feasibility Study were announced in a news release dated February 22, 2012. The technical report can be accessed on SEDAR (www.sedar.com) and Edgar (www.sec.gov) under Solitario's other corporate filings. With the completion of the Feasibility Study, Solitario will own an 80% interest in the project and Ely Gold will retain a 20% interest.

About Solitario

Solitario is a gold, silver, platinum-palladium ("PGM"), and base metal exploration and royalty company actively exploring in Brazil, Mexico, and Peru. Solitario has significant business relationships with Votorantim Metais on its high-grade Bongará zinc project in Peru and Anglo Platinum on its Pedra Branca PGM project in Brazil. Additional information about Solitario is available online at www.solitarioxr.com.

About Ely Gold

Ely Gold is focused on the acquisition and development of gold resources in North America. Besides its interest in the Mt. Hamilton project, Ely Gold has entered into a series of transactions to acquire a portfolio of assets in the Abitibi Gold Camp in Quebec. Ely Gold is traded on the TSX Venture Exchange ("ELY"). Additional information about Ely Gold is available online at www.elygoldandminerals.com

FOR MORE INFORMATION AT SOLITARIO, CONTACT:

Christopher E. Herald President & CEO	(303) 534-1030
Debbie Mino-Austin Director – Investor Relations	(800) 229-6827

FOR MORE INFORMATION AT ELY GOLD, CONTACT:

Steve Kenwood Director	(604) 488-1104
Trey Wasser President & CEO	(972) 803-3087

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.

Cautionary Statement Regarding Forward Looking Information

This press release contains forward-looking statements within the meaning of the U.S. Securities Act of 1933 and the U.S. Securities Exchange Act of 1934, and as defined in the United States Private Securities Litigation Reform Act of 1995 (and the equivalent under Canadian securities laws), that are intended to be covered by the safe harbor created by such sections. Forward-looking statements are statements that are not historical fact. They are based on the beliefs, estimates and opinions of the Company's management on the date the statements are made and address activities, events or developments that Solitario expects or anticipates will or may occur in the future, and are based on current expectations and assumptions. Forward-looking statements involve a number of risks and uncertainties. Consequently, there can be no assurances that such statements will prove to be accurate and actual results and future events could differ materially from those anticipated in such statements. Such forward-looking statements include, without limitation, statements regarding the Company's expectation of the projected timing and outcome of engineering studies; expectations regarding the receipt of all necessary permits and approvals to implement the mining plan at Mt. Hamilton; the potential for confirming, upgrading and expanding oxide gold and silver mineralized material at Mt. Hamilton; reserve and resource estimates; operating cost estimates; estimates of gold and silver grades; estimates of recovery rates; expectations regarding the cash flow generated by the property; and other statements that are not historical facts. Although Solitario management believes that its expectations are based on reasonable assumptions, it can give no assurance that these expectations will prove correct. Important factors that could cause actual results to differ materially from those in the forward-looking statements include, among others, risks relating to risks that Solitario's exploration and property advancement efforts will not be successful; risks relating to fluctuations in the price of gold and silver; the inherently hazardous nature of mining-related activities; uncertainties concerning reserve and resource estimates; availability of outside contractors in connection with Mt. Hamilton and other activities; uncertainties relating to obtaining approvals and permits from governmental regulatory authorities; the possibility that environmental laws and regulations will change over time and become even more restrictive; and availability and timing of capital for financing the Company's exploration and development activities, including uncertainty of being able to raise capital on favorable terms or at all; as well as those factors discussed in Solitario's filings with the U.S. Securities and Exchange Commission (the "SEC") including Solitario's latest Annual Report on Form 10-K and its other SEC filings (and Canadian filings) including, without limitation, its latest Quarterly Report on Form 10-Q. The Company does not intend to publicly update any forward-looking statements, whether as a result of new information, future events, or otherwise, except as may be required under applicable securities laws.