



NEWS FOR RELEASE

February 19, 2008

**SOLITARIO RESOURCES REPORTS FINAL 2007 DRILLING RESULTS
ON ITS BONGARÁ ZINC PROJECT, PERU
INTERSECTS 5 METERS GRADING 19.9% ZINC + LEAD and 30.8 GPT SILVER**

Denver, Colorado: Solitario Resources Corporation (AMEX: **XPL**; TSX: **SLR**) announced that it has received the assay results for the final six core holes drilled in 2007 on its high-grade Bongará zinc-lead project in northern Peru. Highlights include drill hole V-15 that cut 5 meters grading 15.14% zinc, 4.75% lead and 30.82 grams per tonne silver. The 32-hole, 11,443 meter program, completed in late 2007, was managed and funded by Solitario's joint venture partner Votorantim Metais.

The Bongará project hosts the Florida Canyon zinc deposit where high-grade zinc mineralization has been intersected in drill holes over an area at least two-by-two kilometers in dimension. The deposit is open to expansion in all directions. Four out of the final six core holes intersected the following significant mineralization:

Drill Hole Number	Intercept (meters)	Zinc %	Lead %	Zinc+Lead %	Silver g/t
V-15	5.0	15.14	4.75	19.89	30.82
and	1.0	6.97	3.17	10.14	19.10
V-22	1.0	5.47	0.90	6.37	25.4
V-23A	1.3	1.23	0.93	2.16	15.8
and	3.0	5.09	0.59	5.68	4.87
and	3.0	9.32	0.03	9.35	17.83
and	12.0	6.72	1.12	7.85	14.35
V-37	1.3	10.7	0.38	11.08	13.91

Results of all 32 drill holes for the 2007 drilling campaign are provided in the attached table <http://www.solitarioresources.com/art/2007FloridaIntercepts.pdf> with a drill hole map available at http://solitarioresources.com/art/PeVoBoDrillingPbZn_PCTA3_17_01_08.pdf. Additional information about the Bongará project can be found at <http://www.solitarioresources.com/bongara.html>

The 2007 drilling program focused upon a relatively large area measuring about 1,000 meters by 600 meters significantly expanding the 2006 resource definition drilling pattern. The specific drilling targets consisted of horizontal stratiform layers of mineralization. Significant mineralization of greater than 2.0% zinc over 2.0 meters (or equivalent) was intersected in 44 out of the 58 drill holes from both the 2006 and 2007 drilling programs. This is an exceptional success ratio of good drill holes to sub-mineralized holes in Mississippi Valley Type deposits and continues to confirm our belief in the world-class potential of the project. This moderately detailed drilling pattern has now defined an area of

mineralization measuring 1,000 meters by 600 meters, but more widely spaced drill holes surrounding the area of detailed drilling strongly indicate that similar mineralization is present over an area of at least 2.0 kilometers by 2.0 kilometers.

Chris Herald, President and CEO of Solitario commented, "With all 2007 drilling results now in, we are even more optimistic about the size and quality of the Florida Canyon deposit. Votorantim Metais is conducting scoping studies for an underground operation and is in the advanced planning stages for development of road access to the Florida Canyon deposit. Votorantim Metais has budgeted \$5.0 million for exploration in 2008 with substantial additional funds available for road construction if engineering and permitting are completed during the first half of 2008."

The drill hole information contained within this release is reported under a quality control program reviewed by Mr. Walt Hunt, Vice President of Operations for Solitario Resources Corporation, who is a qualified person as defined by National Instrument 43-101. Samples are derived from 50% splits of HQ and NQ (2.5 and 1.9 inch) diameter core. Samples are then shipped via secured third-party land and air transportation companies and analyzed by ALS Chemex Inc., North Vancouver, Canada, an ISO9002 registered company.

Bongará Agreement with Votorantim Metais

Votorantim Metais has completed approximately US\$4.0 million in exploration expenditures since signing the initial Letter Agreement in August 2006. Votorantim Metais can earn up to a 70% interest in the project by committing to place the project into production based upon a feasibility study and spending a minimum of \$18.0 million on exploration and development. After earning 70%, Votorantim Metais has further agreed to finance Solitario's 30% participating interest for construction. Solitario will repay the loan facility through its cash flow distributions.

About Votorantim Metais

Votorantim Metais belongs to a privately held Brazilian business conglomerate that is a leader in every market segment in which it operates, including cement, pulp and paper, metals, chemicals, orange juice, and finance. In 2006, Votorantim Group's revenues amounted to US\$ 13.0 billion. The metals business division accounted for 30% of revenues from production of zinc, nickel, steel and aluminum. Votorantim Metais is the world's third largest primary zinc producer with three operating zinc smelters and two operating zinc mines. It owns the Cajamarquilla zinc smelter and is a major shareholder of Milpo, both located in Peru. Votorantim Metais also acquired US Zinc, a zinc recycling company based in the USA with a plant located in China.

About Solitario

Solitario is a gold, silver, platinum-palladium, and base metal exploration company actively exploring in Brazil, Mexico, Peru and Bolivia. Besides Votorantim, Solitario has significant business relationships with Newmont Mining and Anglo Platinum. Solitario has

approximately US\$27 million in cash and marketable securities and no debt. Solitario is traded on the American Stock Exchange (AMEX: XPL) and on the Toronto Stock Exchange (TSX: SLR). Additional information about Solitario is available online at www.solitarioresources.com

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This press release includes certain "Forward-Looking Statements" within the meaning of section 21E of the United States Securities Exchange Act of 1934, as amended. All statements, other than statements of historical fact, included herein, including without limitation, statements regarding potential mineralization and reserves, exploration results and future plans and objectives of Solitario, are forward-looking statements that involve various risks and uncertainties. There can be no assurance that such statements will prove to be accurate and actual results and future events could differ materially from those anticipated in such statements. Development of Solitario's properties are subject to the success of exploration, completion and implementation of an economically viable mining plan, obtaining the necessary permits and approvals from various regulatory authorities, compliance with operating parameters established by such authorities and political risks such as higher tax and royalty rates, foreign ownership controls and our ability to finance in countries that may become politically unstable. Important factors that could cause actual results to differ materially from Solitario's expectations are disclosed under the heading "Risk Factors" and elsewhere in Solitario's documents filed from time to time with Canadian Securities Commissions, the United States Securities and Exchange Commission and other regulatory authorities.