

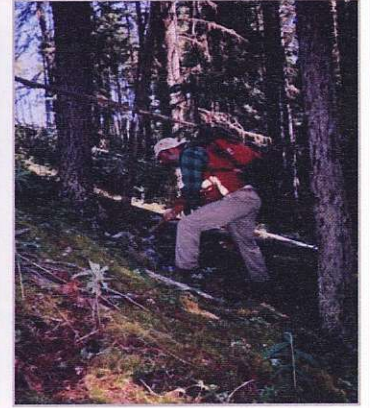


3T

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93P/2

TSX.V: **SNZ**

S O U T H E R N | **R I O**
R E S O U R C E S | **L T D**



GOLD & SILVER **in CANADA**

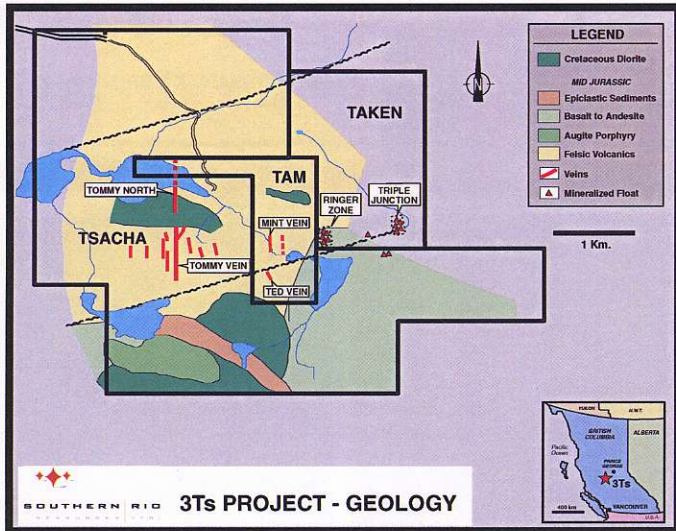
- **ADVANCED STAGE PROJECTS**
- **STRONG MANAGEMENT**
- **HEALTHY WORKING CAPITAL**

Southern Rio Resources Ltd.
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The 3Ts Project

Epithermal Gold - Silver Deposit



Southern Rio Resources Ltd. is a mineral exploration company listed on the TSX Venture exchange (trading symbol: SNZ) and focused on the search for precious and base metal deposits in Canada. The Company owns or has the option to earn a 90-100% interest in six projects in Canada, and is well positioned to take advantage of the sustained rise in the price of **GOLD** and **SILVER**. Southern Rio's primary focus is its rapidly advancing **3Ts Epithermal Gold-Silver Project** in Central British Columbia.

LATEST DEVELOPMENTS:

Ted Vein: Resource definition drilling completed at the Ted Vein. These results will be incorporated in the first independent resource calculation commencing February 2004. Assay results from the program include:



- 17.05 metres of 3.84g/t gold and 364.6 g/t silver (9.92 g/t gold equivalent)
- 10 metres of 4.65 g/t gold and 552.7 g/t silver (13.86 g/t gold equivalent)
- 6 metres of 8.31 g/t gold and 181.0 g/t silver (11.33 g/t gold equivalent)

Ringer Zone: The 2003 prospecting program identified several zones of high-grade boulder occurrences with large, angular boulders of quartz vein material measuring up to 2 metres in dimension. The most significant of these zones is the Ringer Zone:

- Eight samples returned an average of **19.01 g/t gold and 140.1 g/t silver**
- individual values ranging from **0.95 to 78.5 g/t gold and 6.9 to 282 g/t silver**

including:

- Sample #21577 grading **22.9 g/t gold and 158 g/t silver**
- Sample #21578 grading **78.5 g/t gold and 282 g/t silver**
- Sample #21582 grading **24.4 g/t gold and 172 g/t silver**

Follow-up trenching and geophysics returned numerous samples of mineralized quartz boulders and confirmed the excellent initial gold values. Trench 1 returned:



- Eleven samples of quartz vein material averaging **14.01 g/t gold and 114.7 g/t silver**

- individual sample results ranging from **0.14 g/t to 53.7 g/t gold and 4.0 g/t to 332.0 g/t silver**

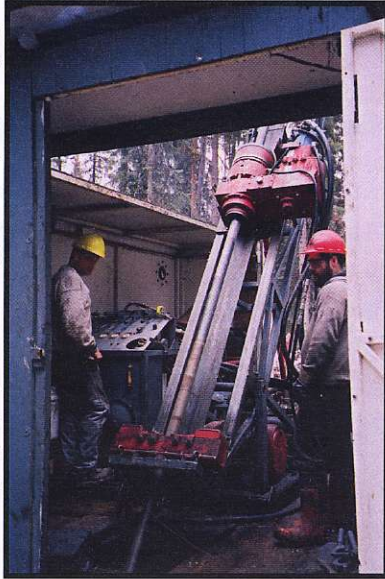
January 2004, Southern Rio commenced exploration drilling focused on the Ringer Zone and Adrian Creek mineralized boulder occurrences, as well as extensions of the Ted Vein, the Mint Vein, and Ted North, and other prospective zones. The Company is optimistic that results from the next phase of work will expand the resource of the 3Ts Project and identify new targets for further exploration.

* g/t = grams per metric tonne



3TS PROJECT HISTORY:

Comprised of three adjoining properties (the Tsacha, Tam, and Taken Properties) were staked and operated between 1994 and 1998 by Teck, Cogema, and Phelps Dodge respectively. Through staking and option agreements, Southern Rio has consolidated all three properties into one project for the first time.



Tsacha:

Work by Teck identified seven mineralized veins. Using the existing drilling data, **Southern Rio has calculated an inferred geological resource of 470,700 tonnes grading 7.4 g/t gold and 65.2 g/t silver on the Tommy Vein** (Wallace & Fier, 2002).

Drilling in the fall of 2002 by Southern Rio defined the Tommy Vein for an additional 400 metres to the north. Planned future work on the Tommy Vein will explore the northern extensions for a second ore shoot zone to augment the known resource.



Tam:

Initial work by Phelps Dodge on the Ted Vein returned potentially economic values from limited drilling, including **22 metres grading**

8.9 g/t gold and 394 g/t silver.

Follow-up drilling by Southern Rio in early 2003 encountered a number of significant intersections, including Hole TT-16 which intersected **28.0 metres grading 3.78 g/t gold and 137.5 g/t silver**. A higher grade portion of the TT-16 intersection returned **16.0 metres of 5.96 g/t gold and 136.6 g/t silver**. Hole TT-17, located 50 metres north along strike returned 17.7 metres grading 0.89 g/t gold and 170.7 g/t silver. Initial drilling by Southern Rio on the Mint zone encountered wide zones of quartz-veining in altered rhyolite host rocks.

Hole TT-27 returned **2.0 metres of 8.08 g/t gold and 80.4 g/t silver**. 100 metres to the south, Hole TT-25 returned **2.0 metres grading 5.48 g/t gold and 127.3 g/t silver**.

Taken:

Work by Phelps Dodge in 1995-96 identified several areas of gold and silver mineralization in quartz vein float. Additional boulder occurrences discovered by Southern Rio during 2003 include the Ringer Zone:

- eight samples averaged **19.01 g/t gold and 140.1g/t silver**
- individual samples up **78.5 g/t gold and 282 g/t silver**

3Ts Project Highlights

- 10 identified mineralized veins
- Over 20,000 metres of drilling
- A resource calculation of 112,000 ounces gold (470,700 tonnes at a grade of 7.40 g/t gold and 65.22 g/t silver) contained to the Tommy Vein (remains open to the south and at depth)
- A recently completed resource definition drill program at the Ted Vein (remains open to the north, south, and at depth). Assay results and resource calculation pending
- Several newly discovered zones of high-grade boulder occurrences
- Additional drilling commenced January 2004

With several known vein systems, a defined resource of 112,000 ounces gold, an additional resource calculation in progress, several veins requiring further testing, and multiple new high-grade zones currently being drilled, the 3Ts Project is poised for further advancement during the early stages of 2004.



S O U T H E R N R I O

R E S O U R C E S L T D

TSX VENTURE EXCHANGE SYMBOL:

SNZ

SHARE INFO:

AS OF JAN 15 - 2003

SHARES ISSUED & OUTSTANDING:

39.2 Million

SHARES FULLY DILUTED:

52.8 Million

SHARE PRICE:

52 wk range: \$0.09 - \$0.39

30 day range: \$0.25 - \$0.39

OPTIONS:

400,000 \$0.15 - exp Jun 16/05

450,000 \$0.15 - exp Jun 4/06

50,000 \$0.15 - exp Feb 28/07

1,100,000 \$0.20 - exp May 15/07

600,000 \$0.15 - Oct 7/08

WARRANTS:

3,260,000 \$0.20 - exp Jan 31/05

1,300,000 \$0.21 - exp Dec 21/04

600,000 \$0.125 - exp Mar 4/04

377,438 \$0.15 - exp Sep 2/05

3,430,000 \$0.20 - exp Nov 28/04

669,987 \$0.42 - exp Dec 23/05

Insiders Own approximately

26% of stock

MANAGEMENT

LINDSAY BOTTOMER - PRESIDENT & CEO

Over 30 years in mineral exploration and development, the last 14 years based in Vancouver. Former Director of Canadian Exploration with Echo Bay Mines Ltd, and VP New Projects with Prime Equities International (Pezim Group). Past President (1998-2000) of the BC & Yukon Chamber of Mines. Mr. Bottomer currently serves as a director of several publicly listed companies including Entrée Gold and Pacific North West Capital.

RANDY TURNER - DIRECTOR

32 years in exploration, currently President and CEO of Diamondex Resources Ltd. Formerly President and CEO of Winspear Diamonds Inc. prior to it's sale to DeBeers for C\$305 million

JOHN MCDONALD - DIRECTOR

40 years in mineral exploration and research. Currently Director of Diamondex Resources Ltd. and formerly VP Exploration for Winspear Diamonds Inc. Previous 10 years as Chief Geologist for Esso Minerals Canada.

WAYNE BEACH - DIRECTOR

Mr. Beach is a partner in the Toronto law firm Beach, Hepburn, and has had a long and successful association with the mining industry. He is currently a director of FNX Mining Company Inc. and Tan Range Exploration.

ROBERT WATTS - DIRECTOR

During his 40 year career in the mining industry, Mr. Watts has held senior corporate positions with a number of mining groups including Placer Dome Inc, Orvana Minerals Corp and Princeton Mining Corp. He is currently a director of First Quantum Minerals Ltd, First Point Minerals Corp, Apollo Gold Corp., Orvana Minerals Corp. and Dynasty Gold Corp.

ROBERT WEICKER - GEOLOGICAL CONSULTANT

Mr. Weicker has 25 years exploration and mining experience in Canada, USA and offshore. Previously, Manager of Exploration for Newhawk Gold Mines Ltd, and former President of Alto Minerals Inc. Mr. Weicker currently serves as a director of several publicly listed exploration companies.

JEFFREY WILSON - INVESTOR RELATIONS

12 years in the mining and mining/investment industry. Background in management and administration as well as Investor Relations. Mr. Wilson is a former Director of Welcome Opportunities Ltd. (now Endeavour Mining Capital Corp.).

SOUTHERN RIO RESOURCES LTD.

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