



NORTHGATE EXPLORATION LIMITED



COMPANY PROFILE

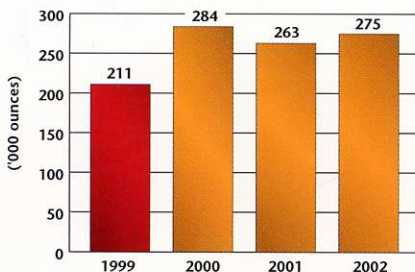
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NORTHGATE is a substantial mid-tier gold mining company with investments in North and South America. Following the recent acquisition of the Kemess Mine, Northgate has established a solid foundation for future growth with annual gold production of almost 300,000 ounces.

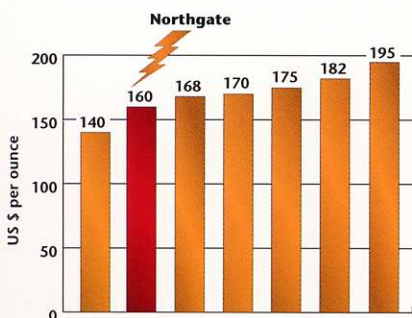
Building Shareholder Value from a Low-Cost Operating Base

Kemess Gold Production Profile



Kemess produced over 210,000 ounces of gold during 1999.

Industry Profile Cash Costs



Northgate should have the second lowest cash costs among North American gold producers just behind Barrick Gold.

RECENT HIGHLIGHTS

- Completed the US\$180 million acquisition of a 95% interest in the Kemess gold/copper mine, the largest gold mine built in Canada in the last ten years with capacity to produce an average of 280,000 ounces of gold per year at a cash cost, net of by-product credits, of US\$160/oz.
- Appointed new senior management team including Ken Stowe as President and COO of Northgate, formerly Senior Vice-President Operations at Boliden Limited.
- Implementing new metallurgical changes to improve operating efficiencies and further reduce cash costs.
- Committed US\$4 million toward the development of the high grade Santa Cruz Project in Argentina.

STRATEGIC OBJECTIVES

Continuously improve productivity and operating efficiency

- Maintain one of the lowest cash costs of production in the gold industry to ensure competitiveness.
- Adhere to strict compliance with health, safety and environment standards.

Expand low-cost reserves, cash flow and production

- Explore known targets around large land position adjacent to Kemess to maintain 2P reserves at 10-12 years.
- Assist Yamana Resources in bringing Santa Cruz project into production during 2000.
- Identify additional opportunities to acquire, finance or develop precious metal deposits at returns greater than 15%.

Employ sound risk management practices

- Finance the Kemess purchase and future initiatives with long-term project financing and equity.
- Implement a conservative hedging strategy to support project financing. Hedging will be limited to less than 50% of the mineable gold reserves.

Kemess At A Glance

- Large open pit porphyry gold/copper mine in north central British Columbia with over 400 full-time employees.
- Acquired by Northgate for approximately C\$225 million net of working capital which is significantly less than the C\$650 million acquisition and development cost of the previous owner.
- Mineable reserves have low strip ratio of 1.1 and contain 3.5 million ounces of gold and 830 million pounds of copper with a reserve life index of approximately 9.3 years.
- Life of mine average production of 280,000 ounces of gold and 55 million pounds of copper.
- At US\$300 gold, 80¢ copper and 1.45 US\$/Cdn\$ exchange rate, Kemess has the capability of generating earnings before interest, taxes and depreciation (EBITDA) of approximately \$55 million.
- Mining fleet comprises two electric hydraulic shovels plus eleven 240 tonne haulage trucks.
- Milling process involves primary crushing followed by two parallel grinding lines feeding a conventional floatation circuit.
- Large highly prospective unexplored land position of 77,000 acres surrounds existing mining infrastructure.



	Tonnes	Au(oz.)	Cu(lbs)
Reserves			
Kemess South	163 million	3,475,000	832,600,000
Resources			
Kemess North	74 million	816,000	139,200,000

Operating Statistics	
Mining	Mill
Ore and waste mined - 124,000 mtpd	Ore milled - 48,000 mtpd
Life of mine strip ratio - 1.1	Annual concentrate produced - 126,000 mt

OTHER OPERATIONS

- Northgate has committed US\$4.0 million toward the development of Yamana Resources' high grade silver deposit in Santa Cruz Province, Argentina which has an indicated and inferred silver resource of 9.3 million ounces. This investment is expected to return in excess of 25%.
- A C\$3.0 million secured loan is expected to be repaid in the second quarter of 2000. Proceeds will be deployed towards new mining opportunities.
- A portfolio of mineral exploration properties in South America acquired in 1998 is being evaluated for development opportunities.



Ticker Symbol: NGX (TSE)

Share Data (at Dec. 31, 1999)

Number of common shares outstanding:

Basic	30,245,000
Fully Diluted	30,545,000

Market Capitalization:

\$34,500,000

Share Price:

	1999	4th Quarter
High	\$1.25	\$1.25
Low	\$0.60	\$0.52

Major Shareholders:

B.C. Pacific Capital Corporation
Trilon Financial Corporation

For Further Information

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