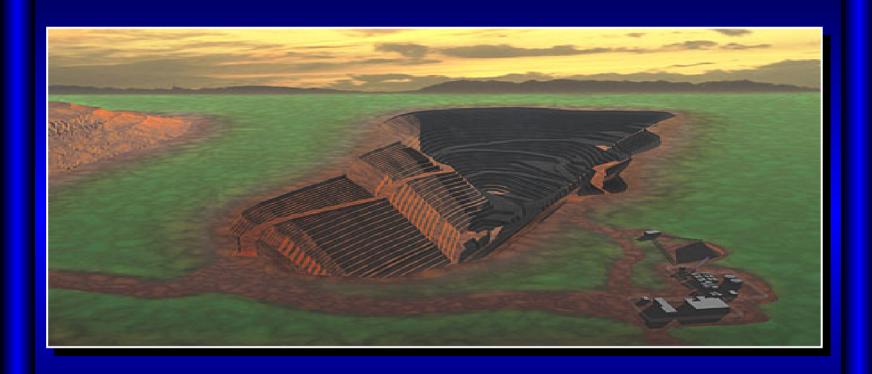
### Gold Reserve Inc.



May 2005

#### Gold Reserve Inc.

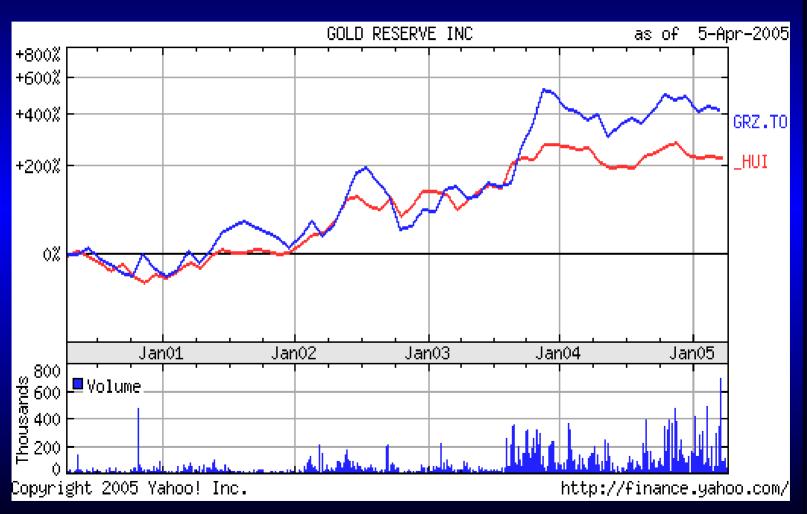
#### Safe Harbor Statement

The information presented, or incorporated by reference, in this presentation includes both historical information and "forward-looking statements" (within the meaning of Section 27A of the United States Securities Act of 1933, as amended, and Section 21E of the United States Securities Act of 1934, as amended) relating to the future results of Gold Reserve Inc. which involve risks and uncertainties.

Numerous risk factors could cause actual results to differ materially from those in the forward-looking statements. Investors are urged to read the Company's filings with U.S. and Canadian securities regulatory agencies, which can be viewed online at <a href="https://www.sec.gov">www.sec.gov</a>, <a href="

Investors are cautioned not to put undue reliance on forward-looking statements and should not infer that there has been no change in the affairs of the Company since the date of this information that would warrant any modification of any forward-looking statement made in this document or other documents filed periodically with securities regulators.

### Five Year Chart



#### **GOLD RESERVE TODAY**

- Listed on Amex & TSX GRZ
- Brisas
  - Proven and Probable Reserves -
    - 9.2 Million Ounces of Gold
    - 1.2 Billion Pounds of Copper
  - US \$80 Million Invested
  - Gold & Copper Titled Concessions
- Strong Balance Sheet
  - US \$32 Million Cash & Investments
  - No Long-Term Debt
- Choco 5 Exploration Property

#### What We Said

Complete Bankable Feasibility Study - Done

Add New Reserves - Done

Add Additional Senior Staff - Done

Initiate Financing with Banks - Done

Hired Endeavour Financial As Advisor

Venezuela Stabilizing

- Economic Resurgence
- Recall Vote Over
- New Ministry of Mines

## Brisas Project



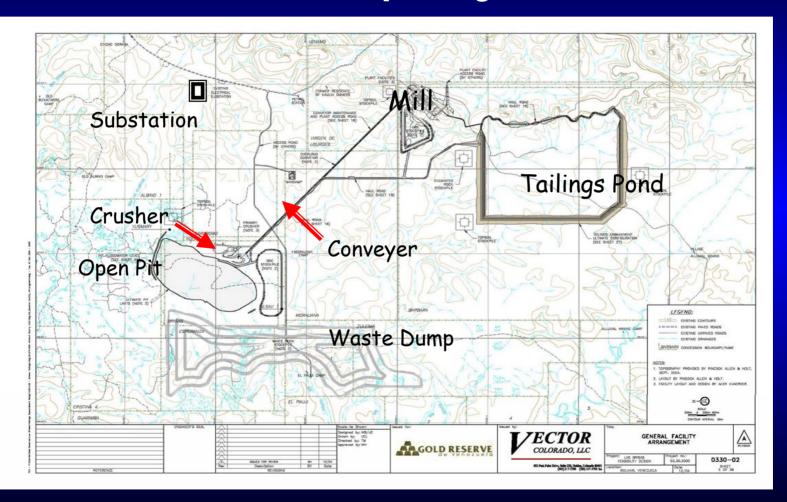
No litigation

No social controversy

Excess land for development

MIBM approved operating plan

## **Brisas Property Plan**



### **Audited Reserves**

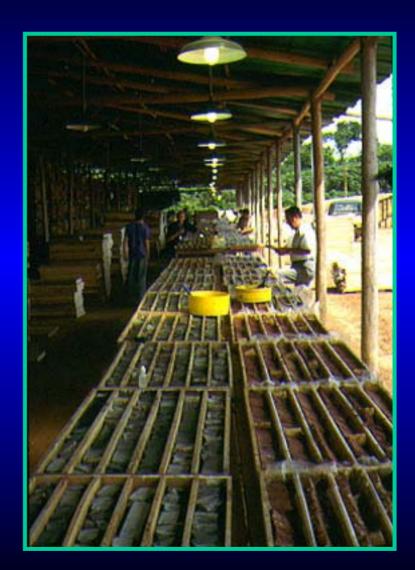
Procedures Exceed Industry Standards

840 Drill Holes

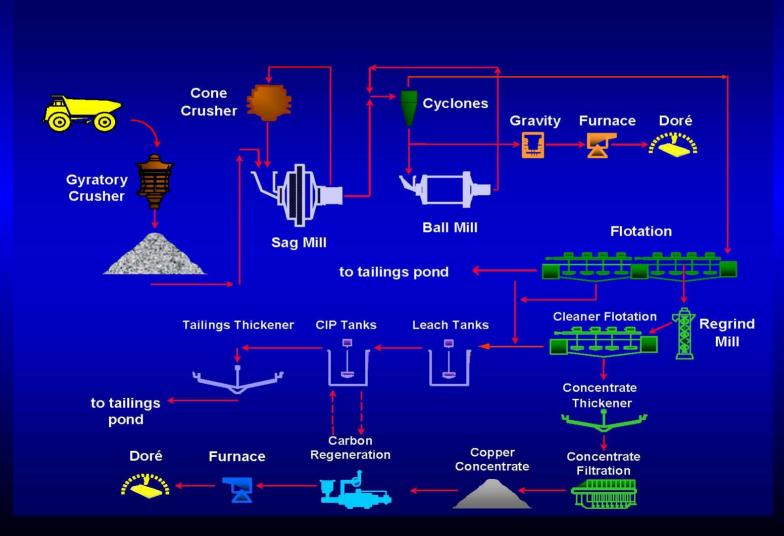
196,000 Meters of Core

Proven and Probable Reserve

2 Independent Audits



## Brisas Process Flowsheet 70,000 Tonnes/Day



## 700 Tonne Bulk Sample Test @ SGS Lakefield Research



## Management

Senior Management has substantial experience in mining exploration, development, finance, construction, & operations of both gold and polymetallic mines.

Recently added five new senior operating staff.

Vested Interest - Insiders own 12% of company

### **Brisas Project**

Reserves 9.2 million ounces of gold

1.2 billion pounds of copper

Resource 13.6 million ounces of gold

1.76 billion pounds of copper

Strip ratio 1.81:1

Plant Recovery Gold (83.1%) Copper (87%)

Payable Net Gold (82.4%) Copper (84%)

Mine Life 16 years

Throughput 70,000 tonnes per day

Annual Prod. 486,000 ounces of gold

(Avg.) 63 million pounds of copper

## Brisas Financial Parameters

Pre-Tax Internal Rate of Return 12.1%

**Net Present Value** 

- 0% \$1.05 Billion

- 5% \$ 392 Million

Free Cash Flow - Annually (0%) \$ 67 Million

Pre-Tax @ \$400 gold and \$1.00 copper

## Capital Cost US\$ Millions

\$106.7

\$276.7

Mine Mill

Tailings \$ 31.6

Owner's Costs \$ 10.0

Pre-Stripping \$ 15.0

Indirect Costs \$ 57.3

Contingency \$ 54.8

TOTAL \$552.1

## Operating Costs Per Tonne Ore (US \$)

Mining & Dewatering	\$1.70
Processing	\$2.21
General & Administration	\$0.39
Transport & Freight	\$0.37
Smelting & Refining	<u>\$0.61</u>

Total Cash Operating Cost/Tonne \$5.28

# Brisas Project Projected Costs US\$

Cash Operating Cost \* \$154 per ounce
Royalties \$ 13 per ounce
Initial Capital Cost \$ 73 per ounce
Total \$240 per ounce

Total Costs\*\*

\$263 per ounce

<sup>\*</sup> Using \$1.00 copper and existing reserves.

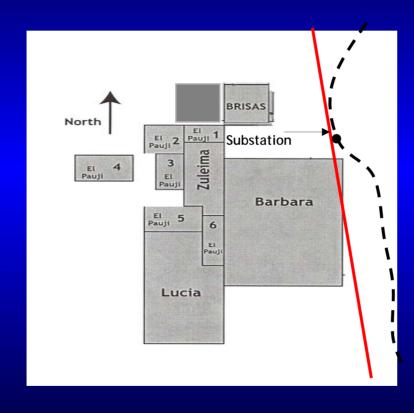
<sup>\*\*</sup> Total cash cost + Initial + Sustaining Capital

## Brisas Project Leverage to Copper Price

For each 10 cent change in copper price/lb. cash operating cost changes \$13 per ounce of gold

<u>Copper</u>	Cash Costs
\$0.90	\$167
\$0.95	\$160
\$1.00	\$153
\$1.25	\$121
\$1.50	\$ 88
\$2.00	\$ 20

## Outstanding Infrastructure!



3 km from paved highway and 400 kv transmission line & substation

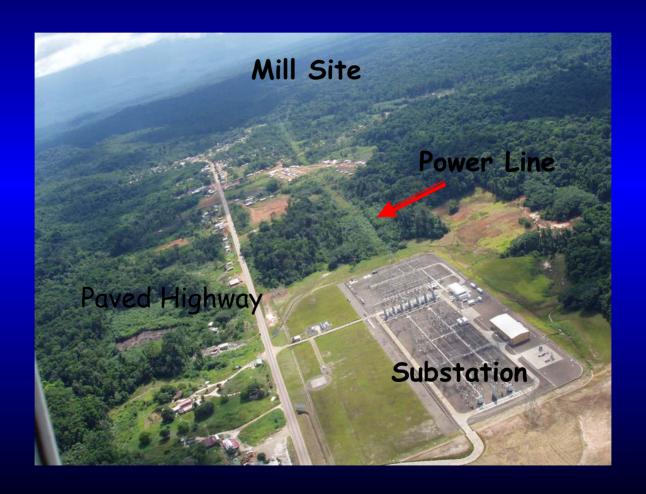
**Low Energy Costs** 

- Diesel
- Hydro Power

**Port Ordaz** 

- industrial center
- seagoing port
- daily flights to Caracas

### **Brisas Infrastructure**



## KM 88 Mining District



### KM 88 Electrical Substation



## Puerto Ordaz - Seagoing Port



## **HydroElectric Dam**



## Brisas Energy Cost Savings

#### HydroElectric

- Nevada 6.5 Cents/kwh

- Venezuela 2.8 Cents/kwh

Brisas Cost Savings

\$38 per ounce of Gold

#### Diesel Fuel

- Nevada \$1.50 / gallon

- Venezuela \$0.15 / gallon

Brisas Costs Savings \$19 per ounce of Gold

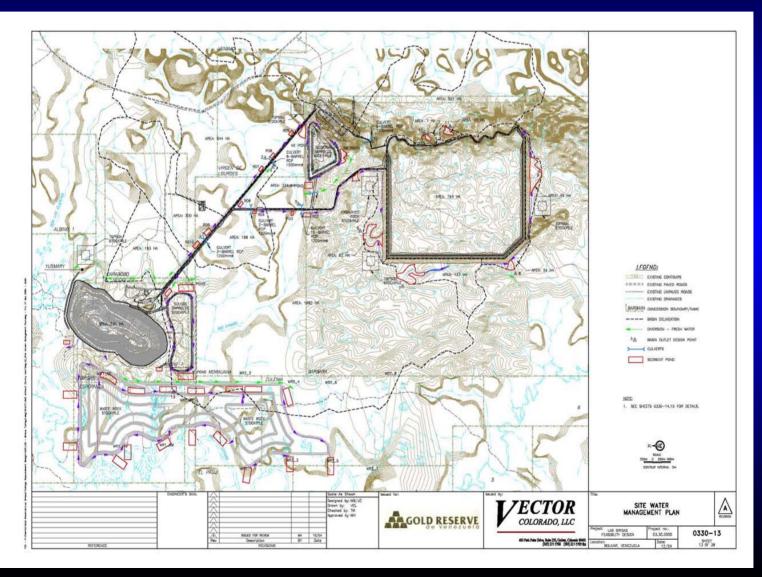
Venezuelan Factor Saves \$57 Per Ounce!

## **Brisas Challenges**

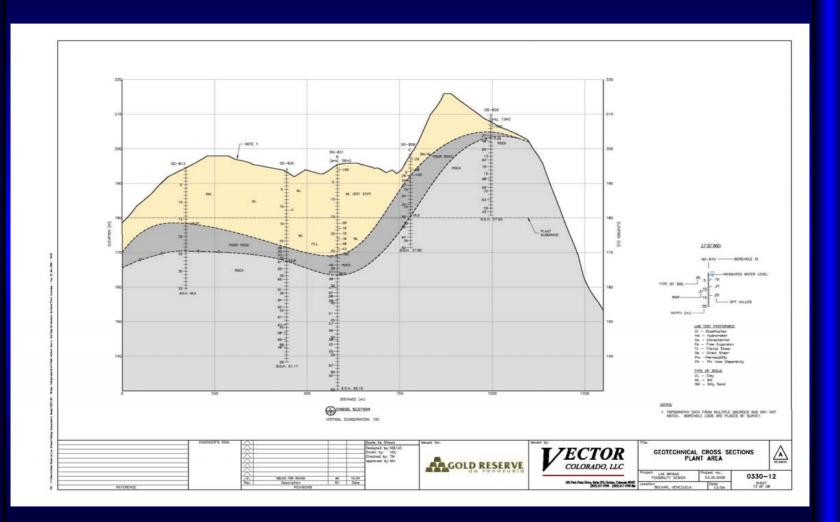
Water Management

Saprolite

## Water Management



## Saprolite



## **Brisas Going Forward**

Reserve Drilling- Update in Early May

Permitting - 3<sup>rd</sup> Quarter 2005

**EPCM Contract - April 2005** 

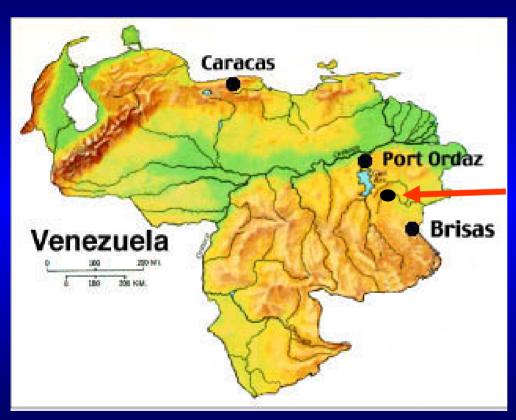
**Commence Site Preparation - First Quarter 2005** 

Startup - 2007

## BRISAS PROJECT Summary

Reserves - Low Risk **Two Independent Audits Projected Reserve Increase in May** Deposit Still Open at Depth & Along Strike **Metallurgy - Low Risk** Clean Concentrate - Attractive to Smelters Simple Flow Sheet Environmental - Low Risk for such a large project External Infrastructure - In Place Very Low Cost Energy - Diesel and Electrical **Experienced Construction, Operational & Financial** Management

## **Choco 5 Property**



El Callao Mining District

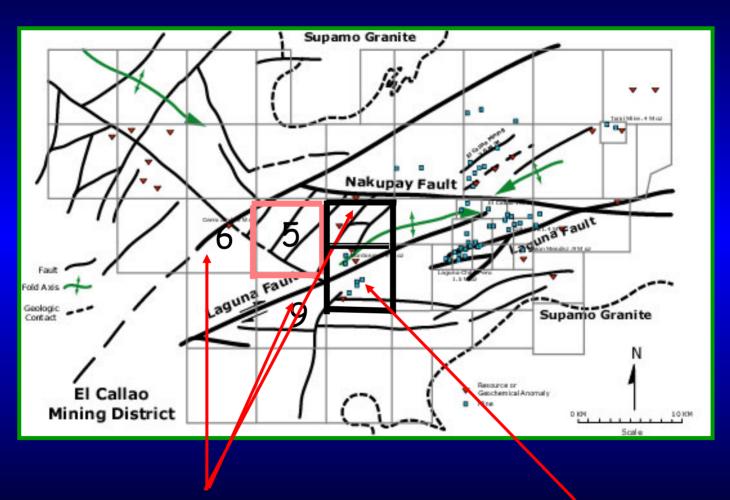
Choco 5

5,000 HA

**Grassroots Exploration** 

**Excellent Geophysics** 

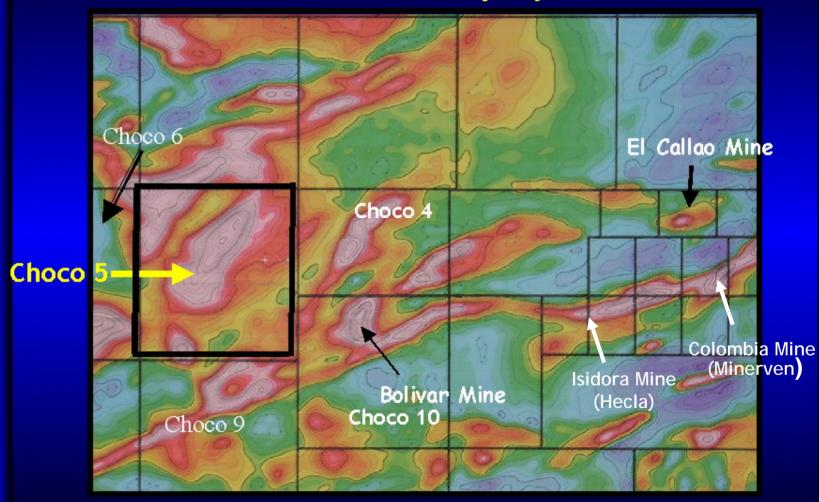
### El Callao Mining District Choco 5



El Callao Joint Venture

Bolivar Gold

## Choco 5 Airborne Geophysics



# Senior Producers Total Cash Production Costs 2005(e) US\$

\$273

\$220

\$163

\$324

\$362

\$250

\$248

\$260

\$262

ANGLOASHANTI
BARRICK
GOLDCORP
GOLDFIELDS
HARMONY
KINROSS
NEWMONT

AVERAGE

GOLD RESERVE \$167

(Net of By-product copper @ \$1.00 / lb.)

**PLACERDOME** 

# Intermediate Producers Total Cash Production Costs 2005(e) US\$

Agnico Eagle

Bema

Cambior

Centerra

**Glamis** 

**lamGold** 

Meridian

**Average** 

**Gold Reserve** 

\$ 85

\$315

\$254

\$231

\$171

\$258

\$ 43

\$193

\$167

(Net of By-Product Copper @\$1.00/lb.)

# Comparison Intermediate Producers Gold Ounces

	Production	P&P Reserves
	(000's)	(MM)
Agnico Eagle	281	7.8
Bema	375	3.1
Cambior	690	4.2
Centerra	750	4.3
Glamis	650	6.3
IAMGold	460	4.0
Meridian	<u>320</u>	<u>4.1</u>
Average	440	4.2
Gold Reserve	486	9.2

## Comparison Intermediate Producers

	Share O/S	Mkt. Cap.
	<u>(MM)</u>	<u>US\$</u>
Agnico Eagle	88	1.2 Billion
Bema	400	1.1 Billion
Cambior	280	572 Million
Centerra	72	1.2 Billion
Glamis	134	2.1 Billion
IAMGold	146	860 Million
Meridian	102	1.8 Billion
Average	204	1.5 Billion
Gold Reserve	35	140 Million

April 6, 2005

#### Financial Information April 2005 US\$

Net Cash & Investments \$32.0 mm

Long Term Debt

Shares Outstanding 35.8 mm

Shares Fully Diluted 41.5 mm

(Exercise of warrants and options adds US\$20 million)

# Gold Reserve Market Valuation Per Ounce of Gold

Share Price US\$ 3.90

Shares Outstanding 35.8 MM

Market Capitalization \$139.6 MM

#### Less:

- Net Cash & Investments \$ 32.0 MM

Adjusted Market Capitalization \$107.6 MM

Ounces of Gold 9.2 MM

Market Value Per Ounce of Gold US\$ 11.70

April 5, 2005

### Market Capitalization Per Ounce of Proven & Probable Reserves

#### **Producers**

Seniors \$196

Intermediates \$234

Juniors \$210

Large Non-Producers \$12-\$100

Gold Reserve \$ 12

## LEVERAGE

#### Gold Reserve's per \$ Invested

<b>Gold Reserve</b>	7.02
Gabriel	3.78
Northgate	2.24
Harmony	2.04
Lihir	1.76
Crystallex	1.65
GoldFields	1.35
PlacerDome	0.90
AngloGold	0.85
Barrick	0.69
Kinross	0.68
Newmont	0.48
Meridian	0.25
GoldCorp	0.24

## Why Invest in Gold Reserve?

- WORLD CLASS PROJECT
- QUALITY COST STRUCTURE
- SUBSTANTIAL LEVERAGE TO GOLD AND COPPER PRICES
- SIGNIFICANT INFRASTRUCTURE ALREADY IN PLACE
- CHOCO 5 EXPLORATION PROPERTY LOCATED IN PROLIFIC EL CALLAO GOLD BELT
- MANAGEMENT HAS SIGNIFICANT OPERATING EXPERIENCE
- WELL CAPITALIZED & STRONG FINANCIAL CONDITION
- CONSIDERABLE VALUE NOW & PROJECTED