



European Gold Forum
Zurich - April 2010

Forward Looking Statements

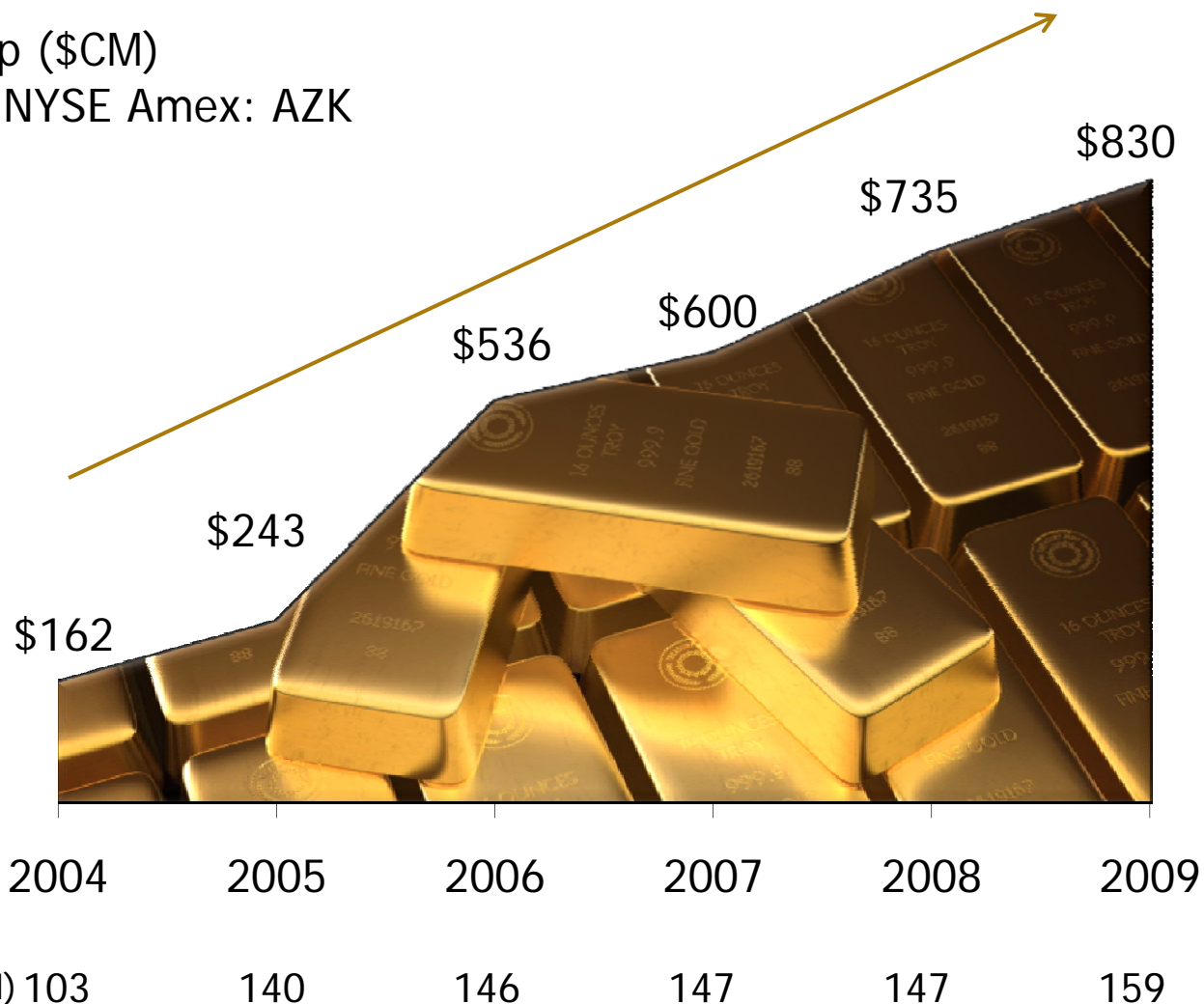
This presentation contains “forward-looking statements”. These forward-looking statements include, but are not limited to, statements regarding the Company’s strategic plans, anticipated production, mine life, and work programs and other estimates and forecasts related to the Company’s future operations. Forward-looking statements express, as at the date of this presentation, the Company’s plans, estimates, forecasts, projections, expectations, or beliefs as to future events or results. Except as required under applicable securities legislation, the Company does not intend, and does not assume any obligation to update these forward-looking statements. We caution that forward-looking statements involve a number of risks and uncertainties, and there can be no assurance that such statements will prove to be accurate. Therefore, actual results and future events could differ materially from those anticipated in such statements. Factors that could cause results or events to differ materially from current expectations expressed or implied by the forward-looking statements include, but are not limited to, conclusions of economic evaluations, changes in project parameters as plans continue to be refined, future prices of gold, possible variations in ore reserves, grade or recovery rates, failure of plant, equipment or processes to operate as anticipated, accidents, labour disputes, risks inherent in exploration, and other risks of the mining industry, delays in obtaining governmental approvals or financing or in the completion of development or construction activities, environmental risks and hazards, risks of delays in construction and other risks more fully described in Aurizon’s most recent Annual Information Form and Management’s Discussion and Analysis for the period under discussion filed with the Securities Commission of all of the Provinces and Territories of Canada and in Aurizon’s Annual Report on Form 40-F filed with the United States Securities and Exchange Commission. These documents are available on Sedar at www.sedar.com and on Edgar at www.sec.gov/.

Emerging Mid Tier Gold Producer with Winning Profile



Solid Record of Delivering Shareholder Value

Market cap (\$CM)
TSX:ARZ, NYSE Amex: AZK



Current market cap ~\$790M

Aurizon 5-Year Chart vs. TSX Global Gold Mining Index: Well Ahead of the Index



The AURIZON Story

The company

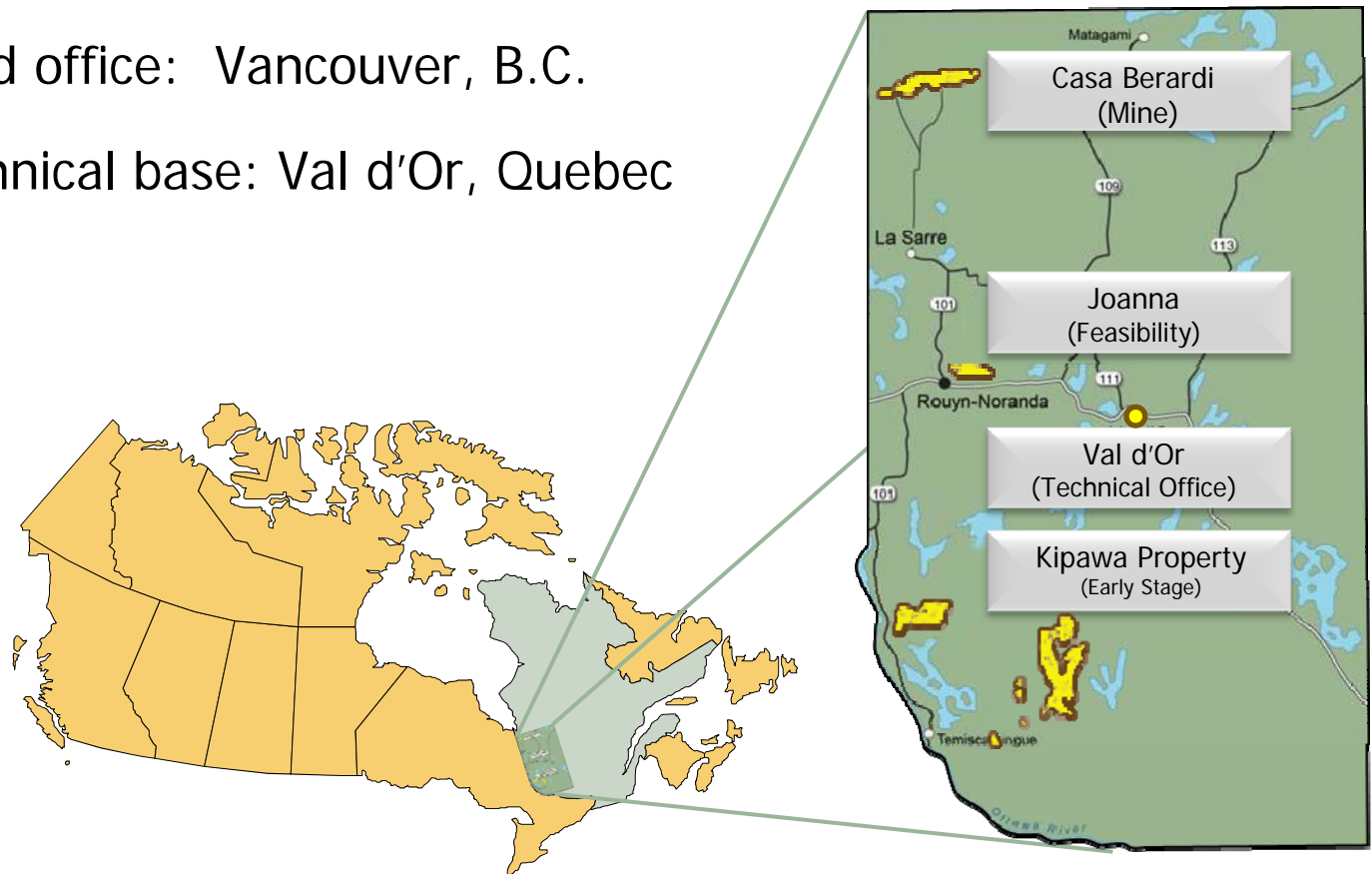
The foundation

The growth plan



At a Glance

- 3 properties in Quebec
 - one operating mine, second mine by 2012
 - excellent exploration potential
- Head office: Vancouver, B.C.
- Technical base: Val d'Or, Quebec



On the Move – Recent Developments

- ✓ 2009 production ahead of target
- ✓ Delivered record financial results in 2009
- ✓ Initiated extensive exploration program at Casa Berardi
- ✓ Completed positive pre-feasibility study for second mine – Joanna
- ✓ Strengthened management team



The AURIZON Story

The company

The foundation

The growth plan



Strengths We are Building On



1 Good location

+

2 Proven team

+

3 Solid operators

+

4 Exploration upside

+

5 Financial strength

1. LOCATION

Premier Mining Area

- Gold region

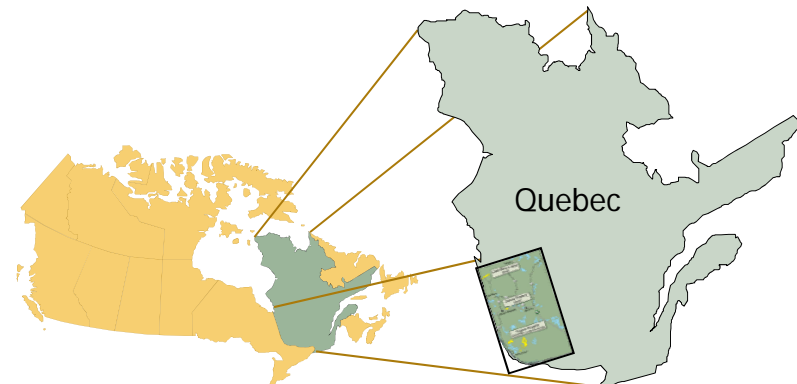
Prolific

- Infrastructure – roads, hydro, manpower

In place

- Mining jurisdiction

Top 5 in world



2. PROVEN TEAM

Success in Exploring, Developing and Operating Mines

- ✓ Management team with over 25 years average mining experience
- ✓ Transformed AURIZON from small explorer to producer with recent market cap of \$830M
- ✓ Discovered significant gold resources
- ✓ Built mine on budget, on time
- ✓ Continue to meet / exceed targets

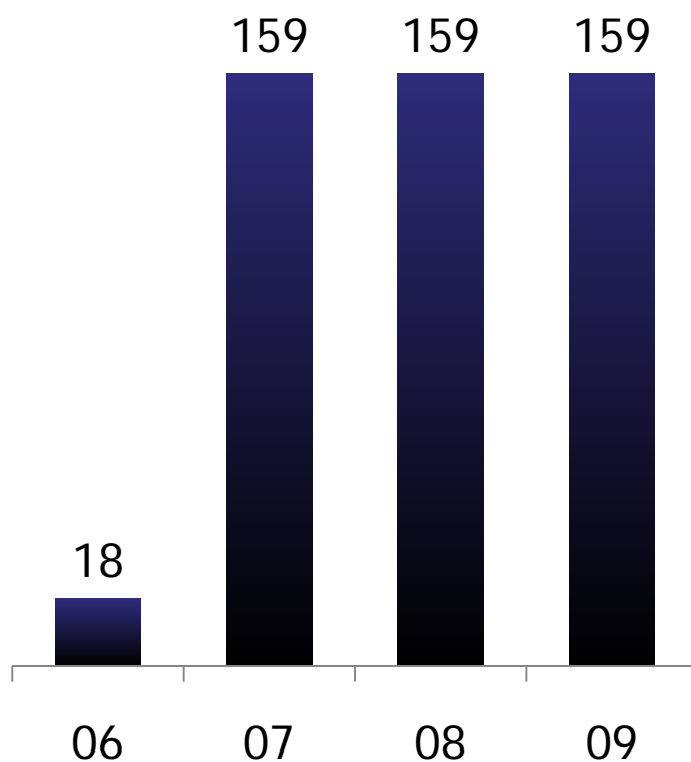


3. SOLID OPERATORS

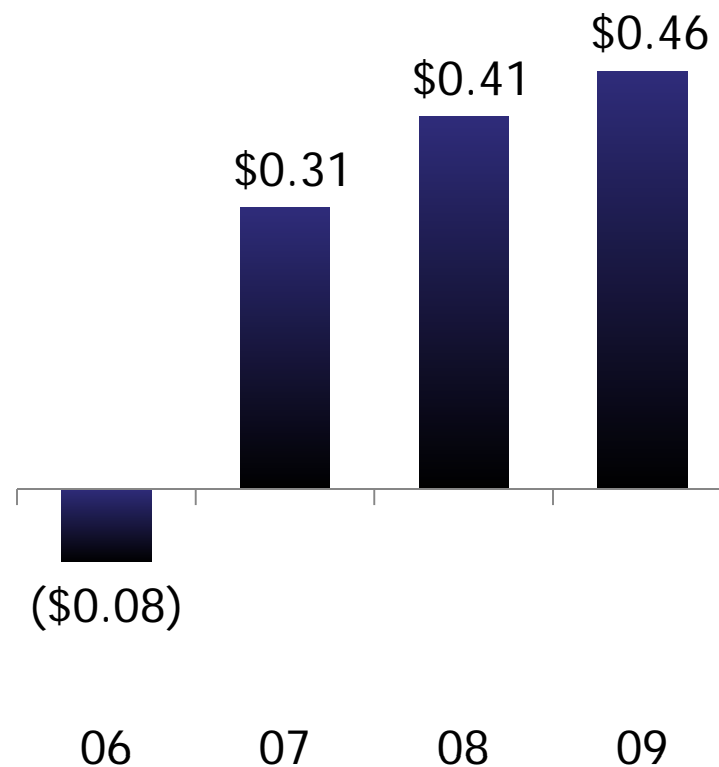
Solid Performance Record



Gold Production
(‘000.s oz)



Cash Flow per Share
(\$)

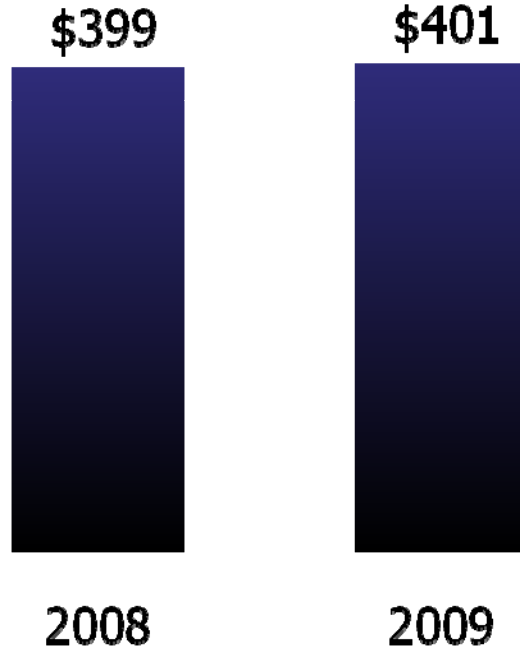


An excellent platform for growth

3. SOLID OPERATORS

Solid Mine Operators

Stable Cash Costs... (US\$/oz)

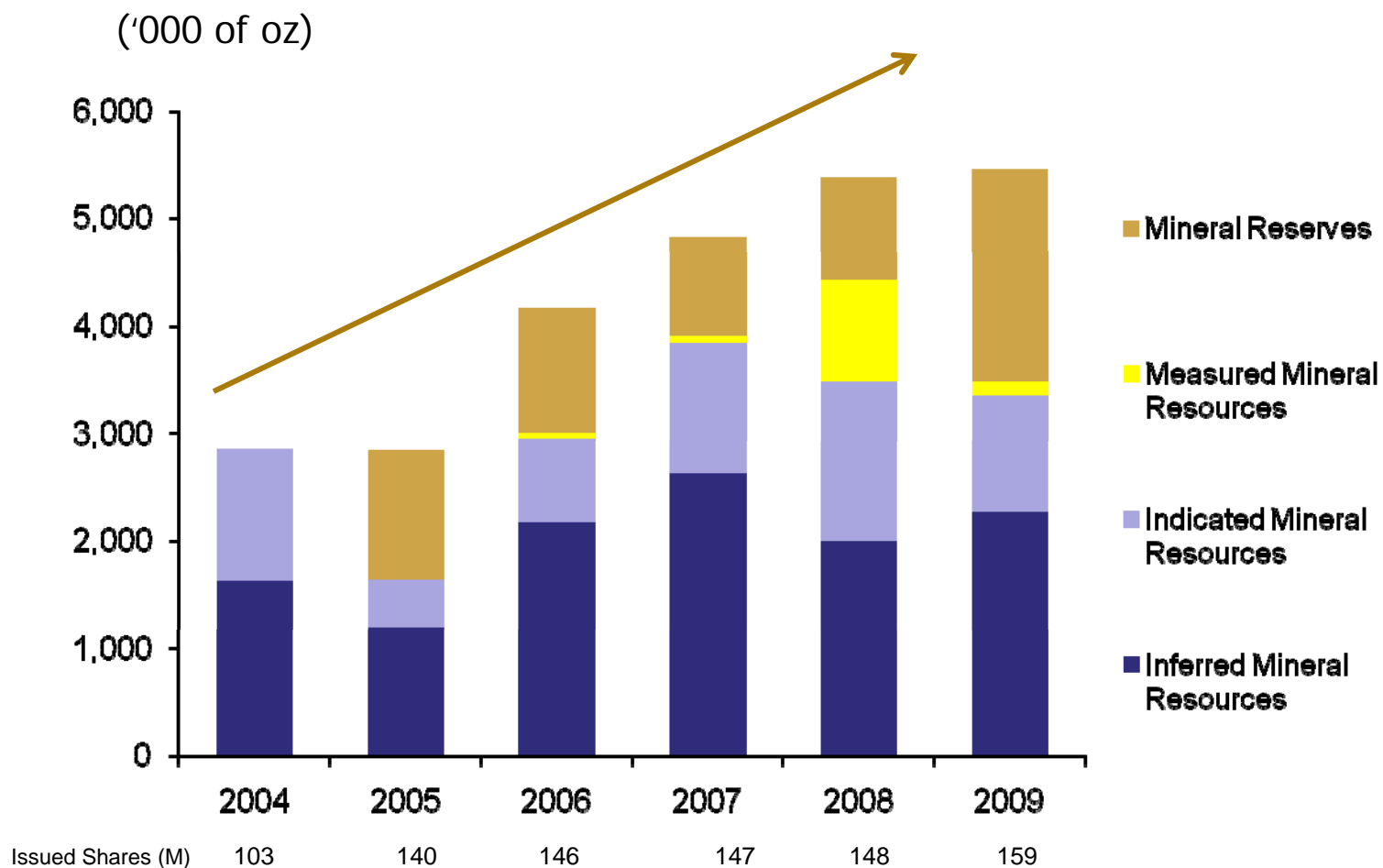


... Growing Margins (US\$/oz)



4. EXPLORATION UPSIDE

Continuing to Replace and Increase Reserves

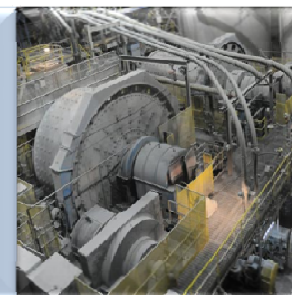


4. EXPLORATION UPSIDE

Excellent Exploration Upside

Casa Berardi

- Only explored 1-2 km of 37 km property to depth of 1,000 metres
- Extensive exploration program in progress



+

Joanna

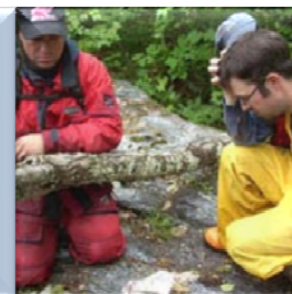
- Explored to limited depth – lateral potential
- Infill and step out drill program in progress



+

Kipawa Property

- 500 sq. km early stage exploration – untapped potential
- Drilling of gold targets will commence shortly



5. FINANCIAL STRENGTH

Financial Results

In \$millions, except per share amounts

	Q4 2009	Q4 2008	Full Year 2009	Full Year 2008
Revenues	\$42	\$37.5	\$175.6	\$144.5
Earnings (loss)	\$9.9	(\$4.0)	\$36.7	\$4.9
Earnings per share	\$0.06	(\$0.03)	\$0.23	\$0.03
Cash flow from operations	\$12	\$11.6	\$71.8	\$60.3



5. FINANCIAL STRENGTH

Strong Financial Position

In \$millions, except per share amounts

	Dec 31 2009	Dec 31 2008
Cash balances	\$113.0	\$55.5
Working Capital	\$101.7	\$23.9
Long term obligations	\$0.7	\$9.4
Common shares outstanding	159.0	148.0



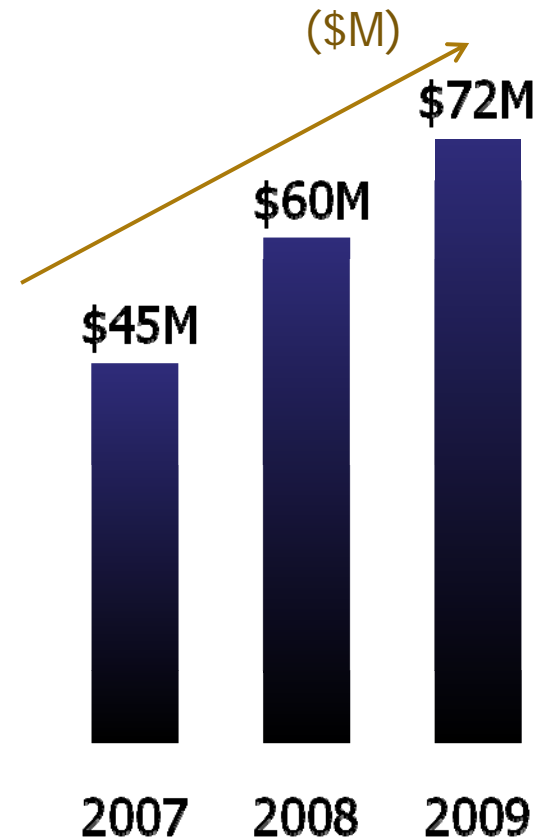
5. FINANCIAL STRENGTH

The Financial Resources to Fund Our Growth

- Cash balances \$113 M
- No debt
- Fully funded for Joanna project



Cash Flow from Operations



2010 expect to generate ~ \$60 – 70M¹ in cash flow

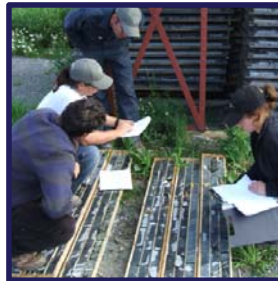
¹ At current gold prices

The AURIZON Story

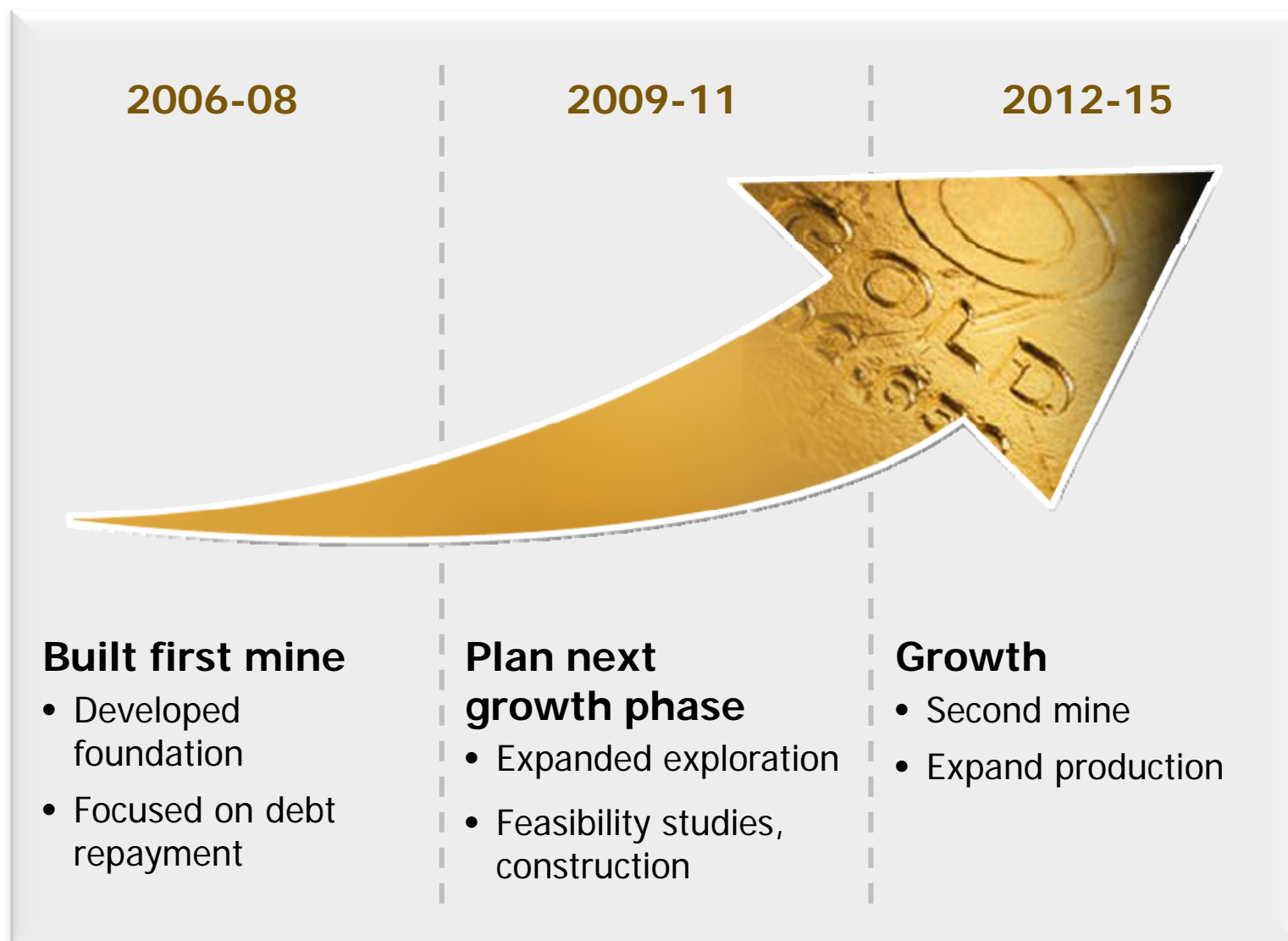
The company

The foundation

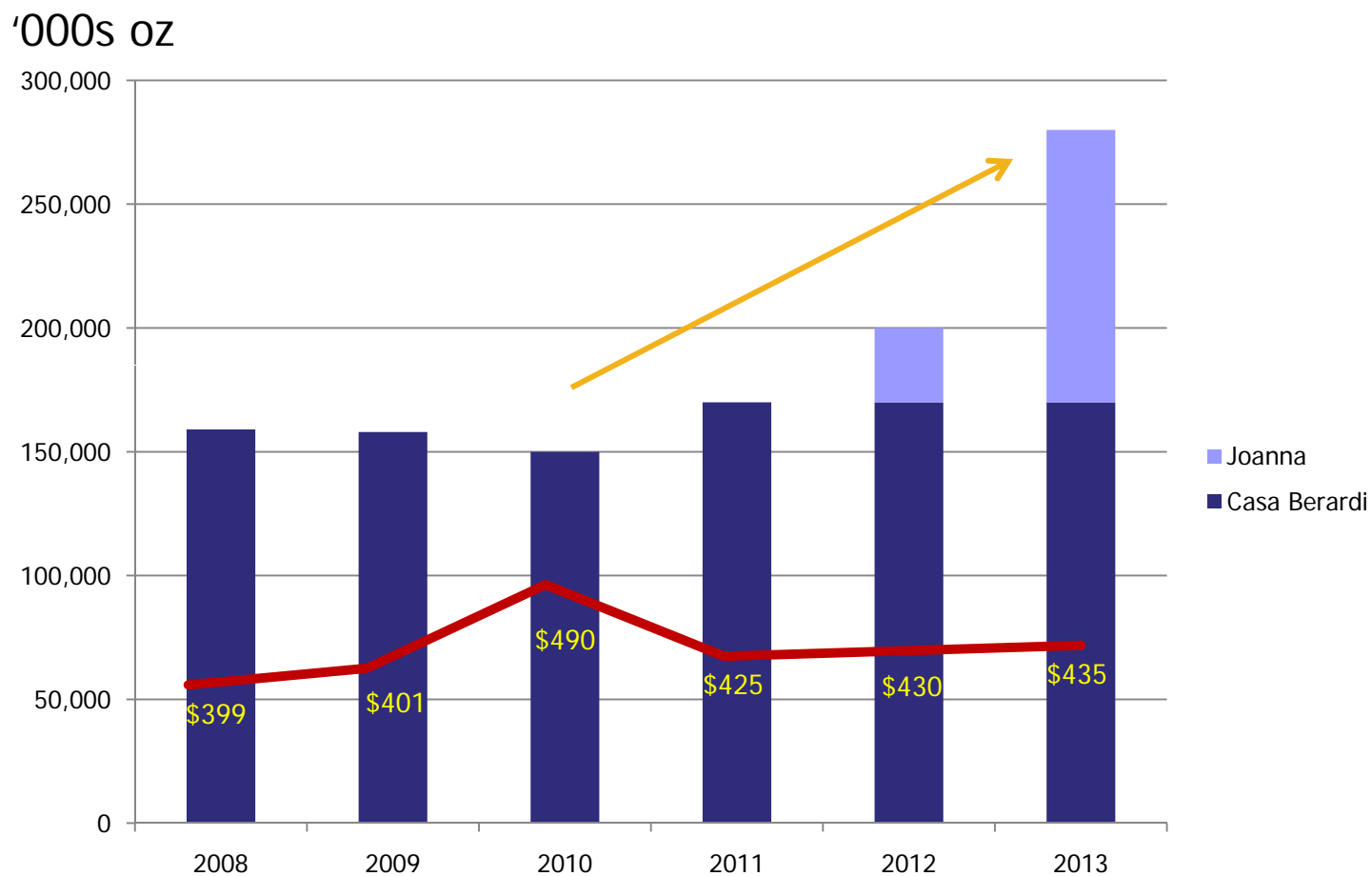
The growth plan



Poised for a New Growth Phase



Production Growth Plan



— Total Cash Costs per ounce - \$US

Casa Berardi: Solid Producer for Foreseeable Future

- Property: 37 km along Casa Berardi fault
- Production: 150 – 170,000 oz annually
- Life of mine: 10 years, expect to extend
- Cash cost: 2010 -US\$490/oz ; 2011 forward US\$425/oz
- Mineral reserves: 1,010,000 oz
- Resources: M&I – 912,000 oz, inferred – 958,000 oz
- Throughput: Capacity 2,400 tpd, currently at 75% utilization

Milestone:
500,000 ounces of gold
produced by ARZ -
January 2010

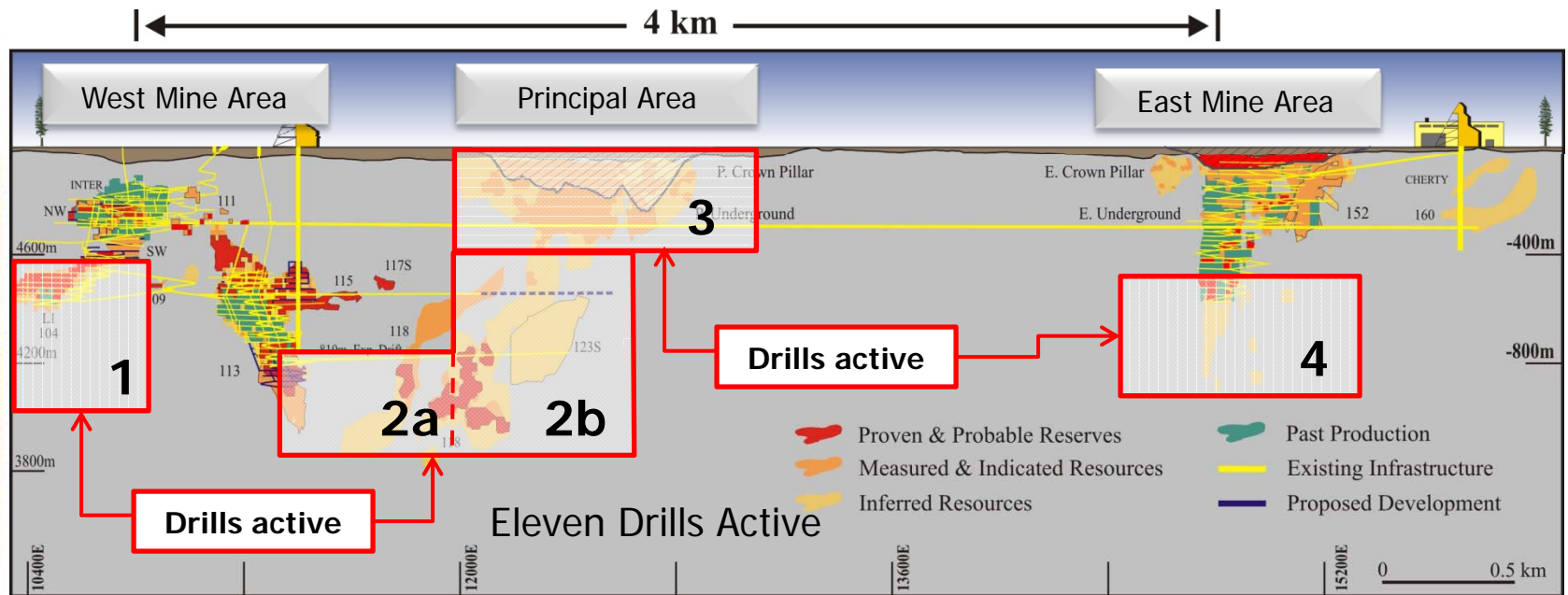


West Mine Complex



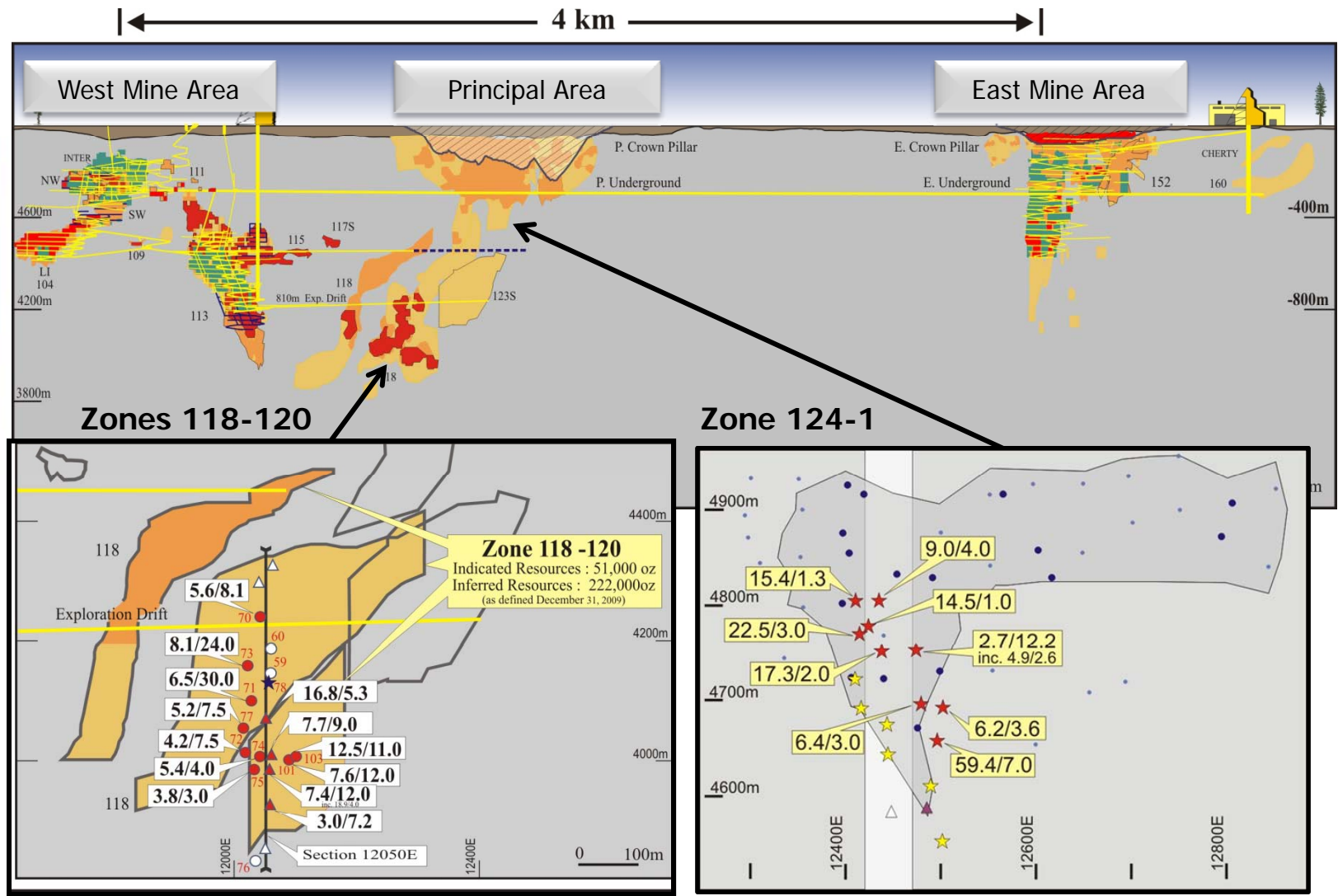
East Mine Mill Complex

Extensive Exploration Underway

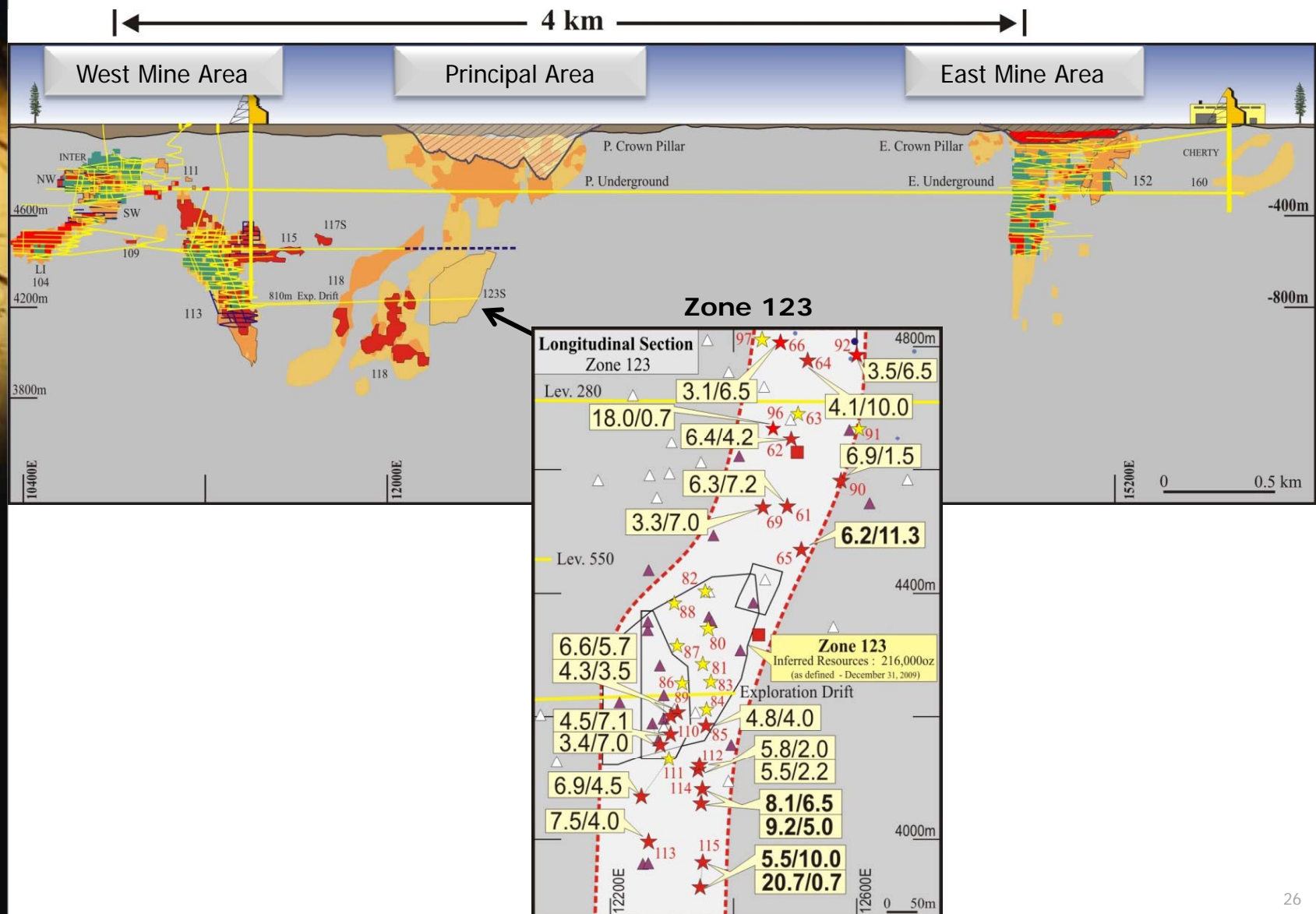


1. Dip and western extension of Lower Inter
- 2a. Dip and eastern extension of Zone 113 and parallel zones
- 2b. Upgrading resources in Zones 118 to 123
3. Dip extension of Principal Zone
4. Dip and western extension of East Mine

Exploration Potential Confirmed by Drilling Results – Examples



Exploration Potential Confirmed by Drilling Results – Examples

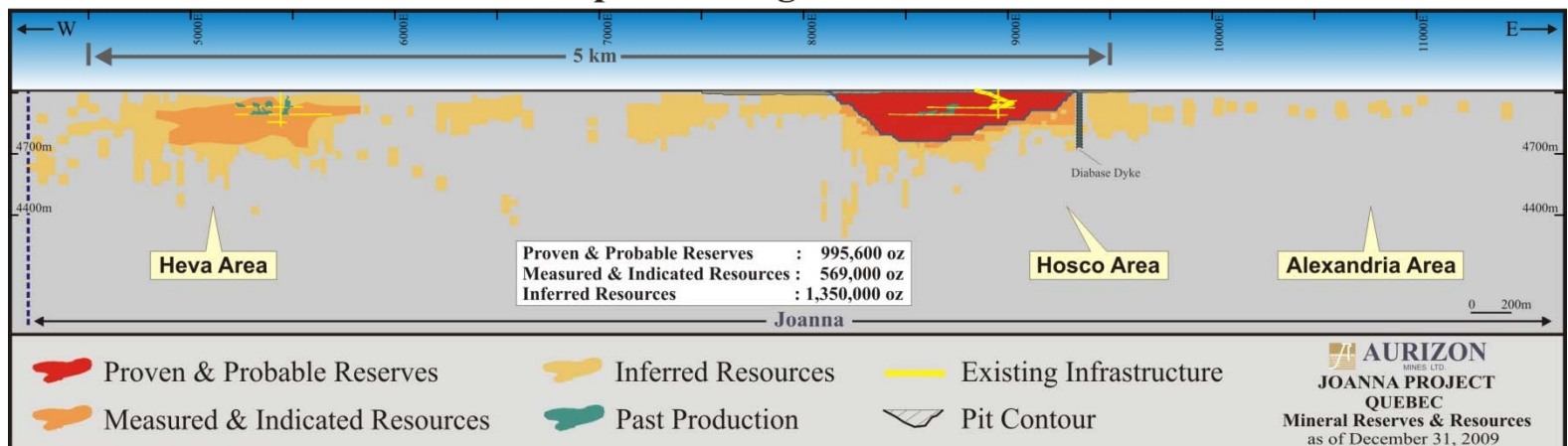


2. JOANNA

Joanna – The Next Producing Mine

- Located on prolific Cadillac Fault
- Acquired in 2006 → pre-feasibility study
- Close to infrastructure (roads, power lines)
- Close to Val-d'Or technical office

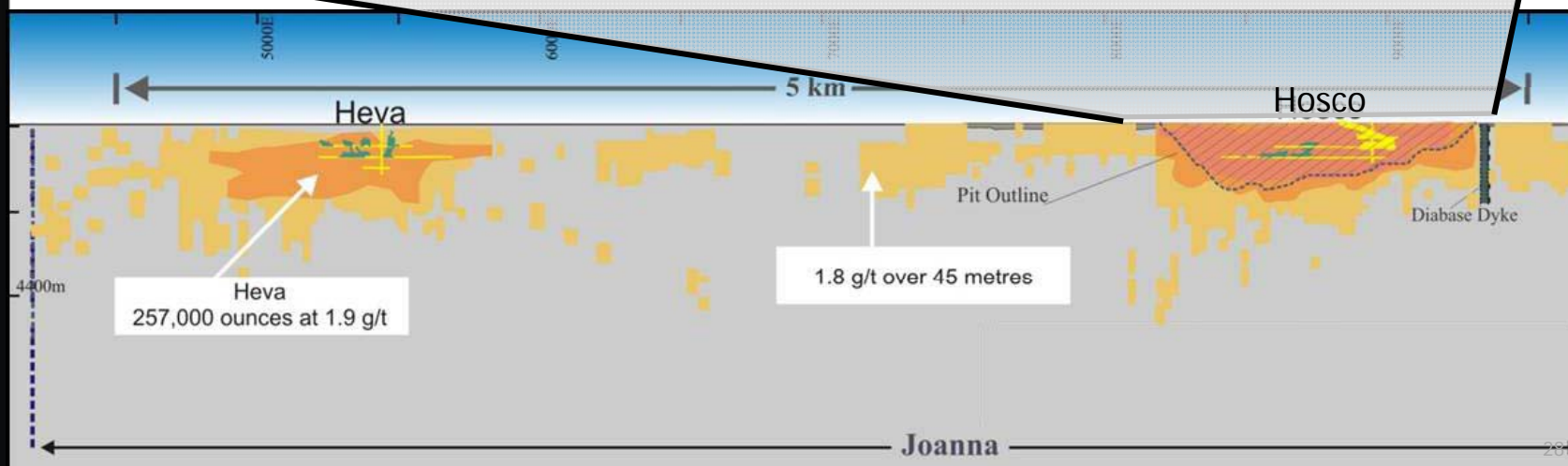
Composite Longitudinal Section



2. JOANNA

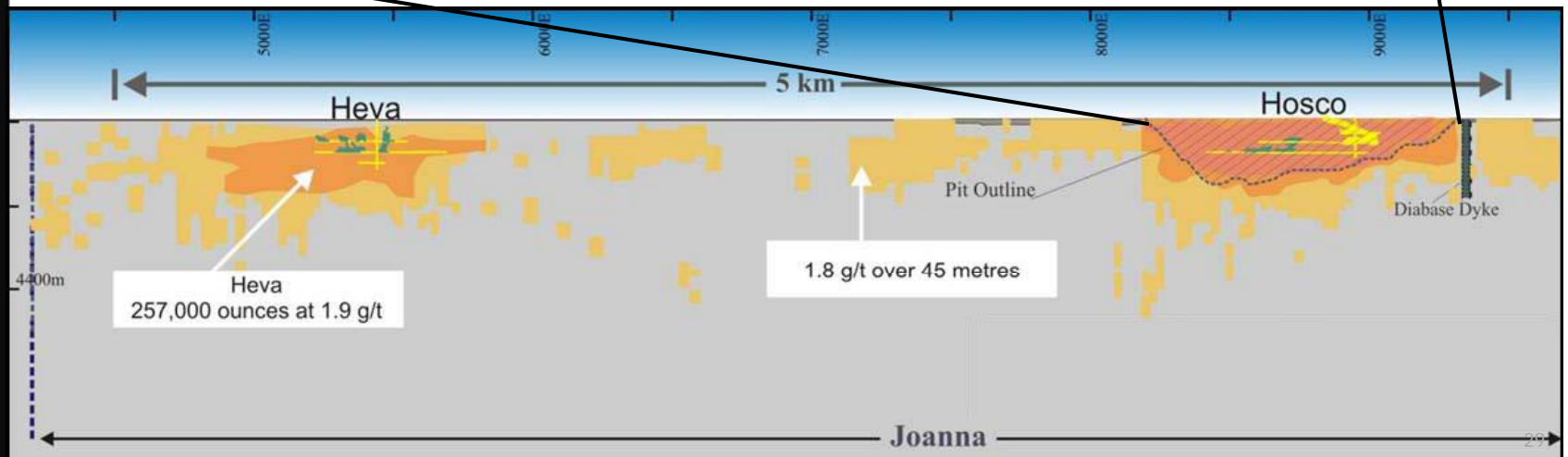
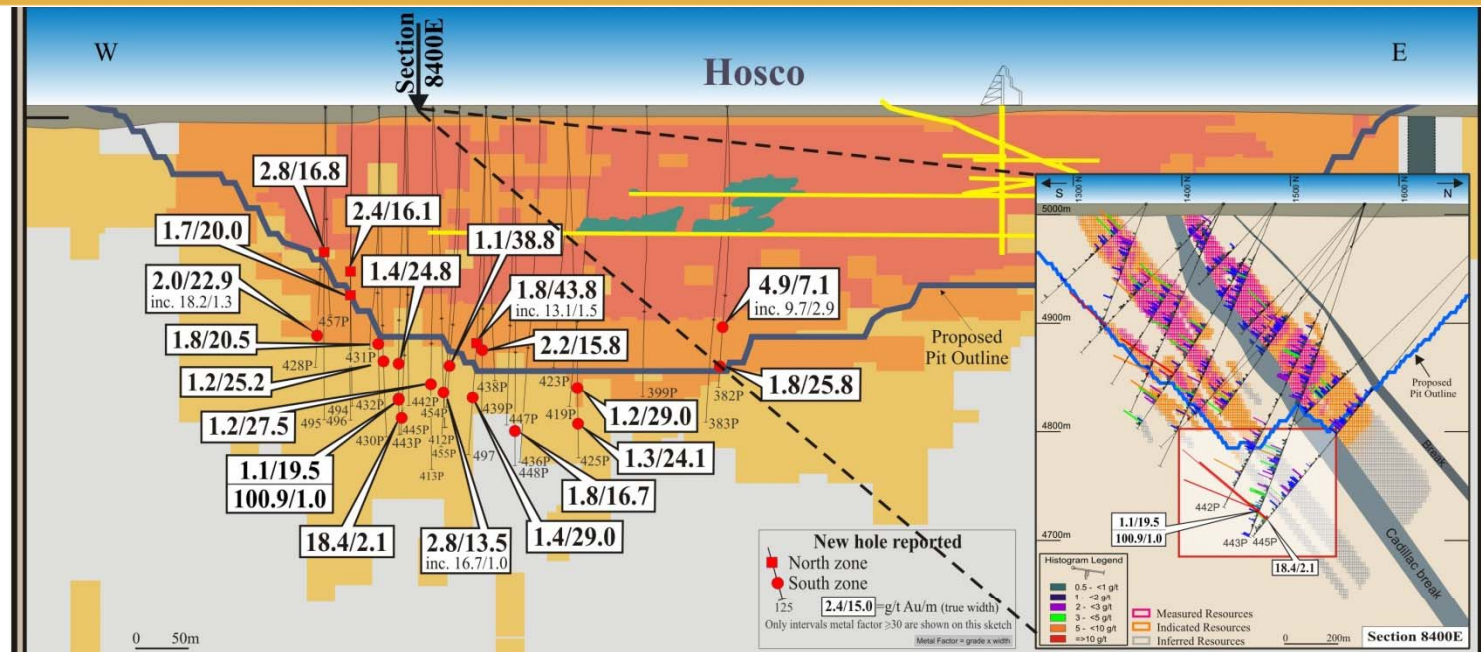
Pre-Feasibility Highlights – November 2009

Resources	1.3 m oz
Reserves	1.0 m oz
Production	110,000 oz per year, 86.8% recovery
Cash cost	\$US 434 / oz
Life of mine	8.5 yrs
Capex	\$192M (includes site restoration)
IRR Pre tax	> 30% at current gold price



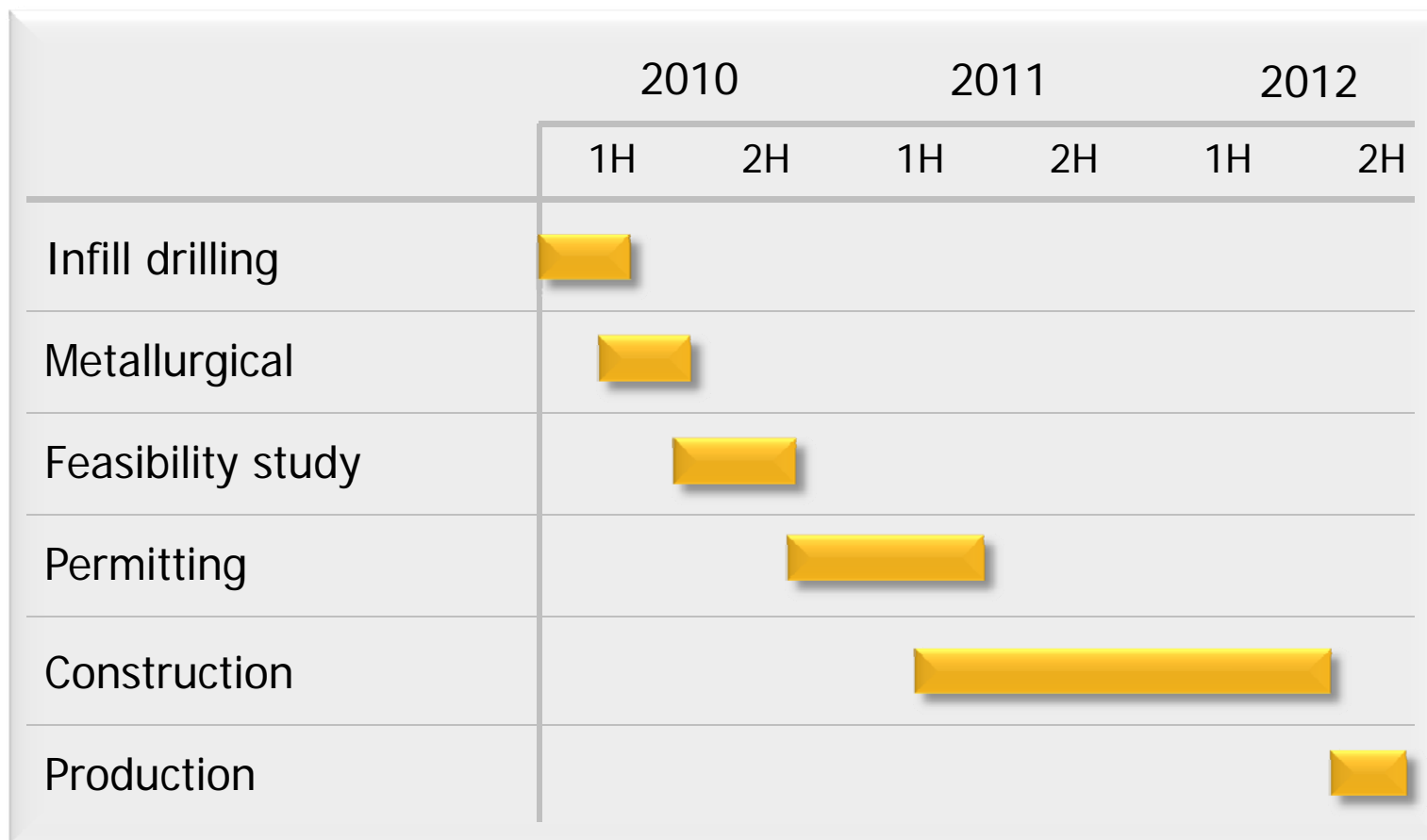
2. JOANNA

Infill drill results – February 2010



2. JOANNA

Timeline to Production



2010 Priorities and Outlook

- Casa Berardi
 - meet production targets (145,000 – 155,000 oz at US\$490/oz)
 - grow resources and reserves
- Joanna
 - complete infill drilling and metallurgical test work
 - final feasibility study by year end
- Aggressive exploration programs
 - Joanna
 - Casa Berardi
 - Kipawa



IN SUMMARY

The AURIZON Advantage

Casa Berardi: Long-life
production platform



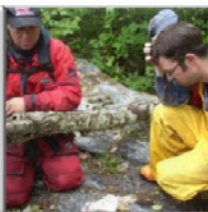
+

Joanna: Next
producing asset



+

Excellent exploration
upside



+

Financial strength



Intermediate gold
producer with winning
profile

AURIZON
MINES LTD.



European Gold Forum
Zurich - April 2010

ARZ:TSX/AZK:NYSE Amex



Appendix

Contact Information

David P. Hall
President and
Chief Executive Officer

Ian S. Walton
Executive Vice President and Chief
Financial Officer

Martin Bergeron
Vice President, Operations

Roger Walsh
Vice President, Corporate Development

Stock Symbols:
ARZ:TSX
AZK: NYSE Amex

Corporate Office:
Suite 3120, Park Place
666 Burrard Street,
Vancouver, BC V6C 2X8

Phone: 604-687-6600
Fax: 604-687-3932

Website: www.aurizon.com
Email: info@aurizon.com

**Building a Strong
Foundation
for Future Growth and
Value Creation**



Strong Board

- **Brian Moorhouse** – *Lead Director*
 - Former Institutional Investment Broker
- **Sargent Berner** – *Lawyer*
 - Former mining and securities counsel to the Company
- **Louis Dionne** – *Mining Engineer*
 - Former Senior VP, Underground Mining of Barrick
- **Andre Falzon** – *Chartered Accountant*
 - Former Senior VP, Planning & Compliance of Barrick
- **Richard Faucher** – *Metallurgical Engineer*
 - Former C.E.O. of Canadian Royalties
- **Diane Francis** – *Editor-at-Large, National Post*
 - Visiting Professor at Rogers School of Management

Experienced Management

- **David Hall** – *President & CEO*
 - 28 years industry experience, C.A.
- **Ian Walton** – *CFO & Exec. VP*
 - 28 years industry experience, C.A.
- **Martin Bergeron**, *VP, Operations*
 - 30 years industry experience, Mining Engineer
- **Roger Walsh** – *VP, Corporate Development*
 - 25 years industry experience
- **Julie Kemp** – *Corp. Secretary*
 - 26 years industry experience
- **Gilles Brousseau** – *Gen. Mgr. – Corporate Development*
 - 44 years industry experience, formerly with Barrick
- **Christian Bourcier** – *Mine Mgr. – Casa Berardi*
 - 20 years industry experience

Research Coverage

The following individuals have expressed opinions on Aurizon Mines and may be contacted directly for copies of their reports:

Firm Name	Analyst	City	Current Price Target
BMO Capital	Andrew Kaip	Toronto	\$6.00
CIBC	Cosmos Chiu	Toronto	\$7.50
Clarus Securities	Nana Sangmuah	Toronto	\$6.50
Desjardins Securities	Brian Christie	Toronto	\$7.00
Dundee Securities	Paul Burchell	Toronto	\$6.80
Edison Investment Research	Charles Gibson	London, UK	\$7.20
Loewen, Ondaatje, McCutcheon Limited	Michael fowler	Toronto	\$6.50
Macquarrie Research	Pierre Vaillancourt	Toronto	\$6.50
Raymond James	Forbes Gemmell	Toronto	\$6.50
Research Capital	Barry Allan/John McClintock	Toronto	\$6.85
Rodman & Renshaw	Alka Singh	New York	\$7.00
Sandfire Securities Inc.	Catherine Gignac	Toronto	\$6.50
Scotia Capital	Indi Gopinathan	Toronto	\$6.00
Wellington West	Paolo Lostritto	Toronto	\$6.50