



# **Palmarejo Tour**

**March 24<sup>th</sup> 2009**





# Cautionary Statement

This presentation contains forward-looking statements within the meaning of securities legislation in the United States, Canada, and Australia, including statements regarding anticipated operating results. Such statements are subject to numerous assumptions and uncertainties, many of which are outside the control of Coeur. Operating, exploration and financial data, and other statements in this presentation are based on information that Coeur believes is reasonable, but involve significant uncertainties affecting the business of Coeur, including, but not limited to, future gold and silver prices, costs, ore grades, estimation of gold and silver reserves, mining and processing conditions, construction schedules, currency exchange rates, and the completion and/or updating of mining feasibility studies, changes that could result from future acquisitions of new mining properties or businesses, the risks and hazards inherent in the mining business (including environmental hazards, industrial accidents, weather or geologically related conditions), regulatory and permitting matters, risks inherent in the ownership and operation of, or investment in, mining properties or businesses in foreign countries, as well as other uncertainties and risk factors set out in filings made from time to time with the SEC, the Canadian securities regulators, and the Australian Securities Exchange, including, without limitation, Coeur's reports on Form 10-K and Form 10-Q. Actual results, developments and timetables could vary significantly from the estimates presented. Readers are cautioned not to put undue reliance on forward-looking statements. Coeur disclaims any intent or obligation to update publicly such forward-looking statements, whether as a result of new information, future events or otherwise. Additionally, Coeur undertakes no obligation to comment on analyses, expectations or statements made by third parties in respect of Coeur, its financial or operating results or its securities.

Donald J. Birak, Coeur's Senior Vice President of Exploration, is the qualified person responsible for the preparation of the scientific and technical information concerning Coeur's mineral projects in this presentation. For a description of the key assumptions, parameters and methods used to estimate mineral reserves and resources, as well as a general discussion of the extent to which the estimates may be affected by any known environmental, permitting, legal, title, taxation, socio-political, marketing or other relevant factors, please see the Technical Reports for each of Coeur's properties as filed on SEDAR at [www.sedar.com](http://www.sedar.com).

Cautionary Note to U.S. Investors – The United States Securities and Exchange Commission permits U.S. mining companies, in their filings with the SEC, to disclose only those mineral deposits that a company can economically and legally extract or produce. We use certain terms in this presentation, such as “measured,” “indicated,” and “inferred” “resources,” that are recognized by Canadian and Australian regulations, but that SEC guidelines generally prohibit U.S. registered companies from including in their filings with the SEC. U.S. investors are urged to consider closely the disclosure in our Form 10-K which may be secured from us, or from the SEC's website at <http://www.sec.gov/edgar.shtml>





- Company position
- Exploration
- Palmarejo Project Overview
- Environment and Community
- Palmarejo Geology
- Mining underground and Open pit
- Processing
- Tailings and Infrastructure



## Very Strong Position Entering 2009



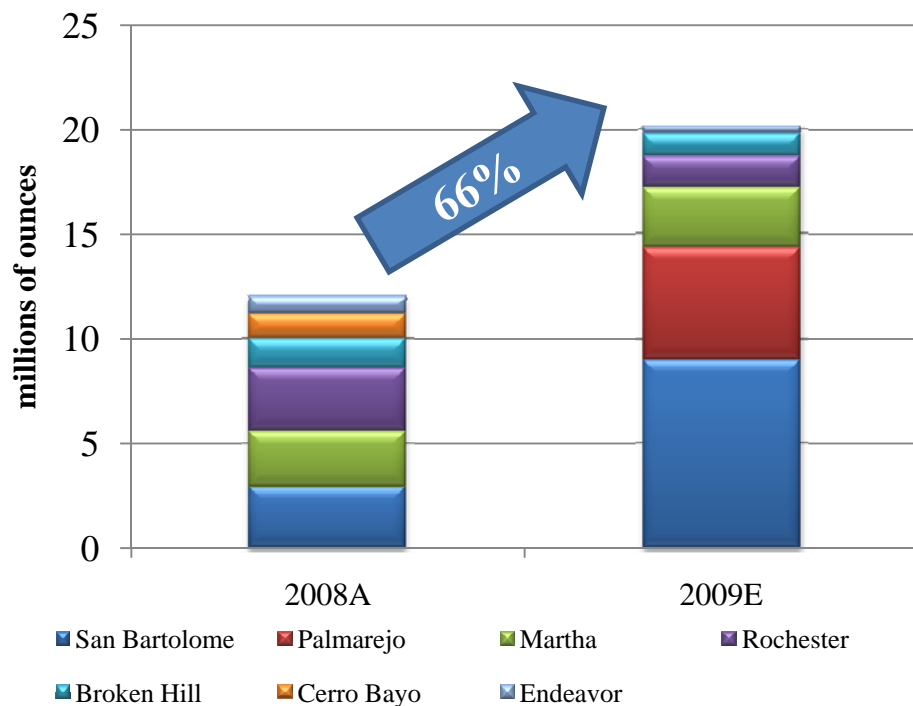
- **Palmarejo on schedule; expanded mine plan**
  - 5.3 million ozs of silver & 72,000 oz of gold production expected this year
- **Significant silver and gold production growth expected in '09**
  - Record 20 million ounces of projected silver production – 66% growth
  - 85% expected growth in gold production
- **Cash balance of approx. \$100 million as of January 31<sup>st</sup>**
  - Debt reduced nearly \$75 million since year-end
- **Record silver and gold reserve levels**
  - Silver reserves of 245 million ounces, up 13% from 2008 levels
  - 2.3 million ounces of gold reserves, up 53% from year ago
- **Resurgent silver and gold markets**



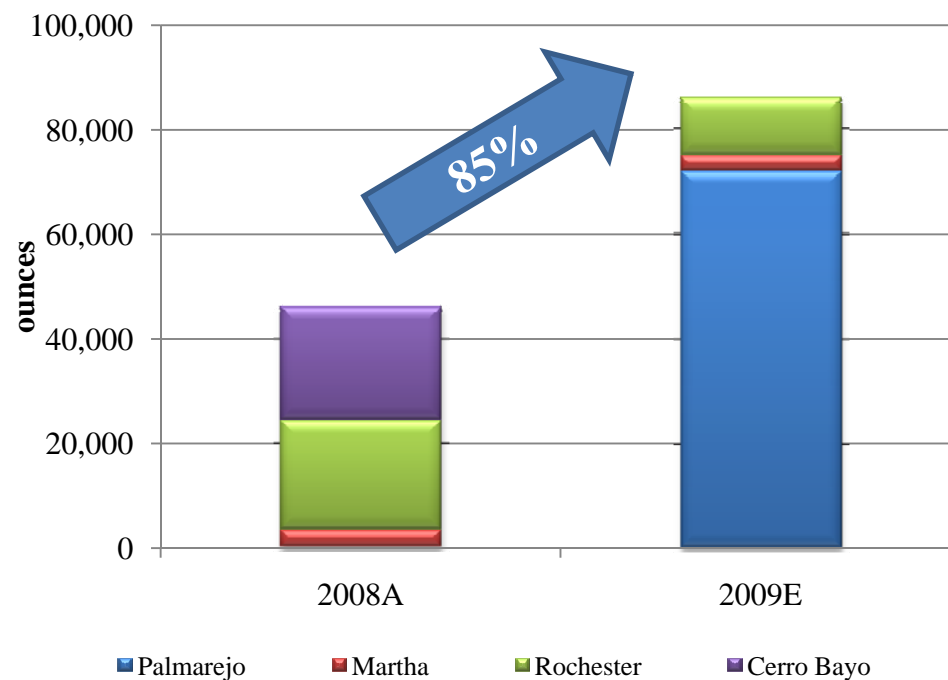
# Explosive 2009 Production Growth



## Silver Production



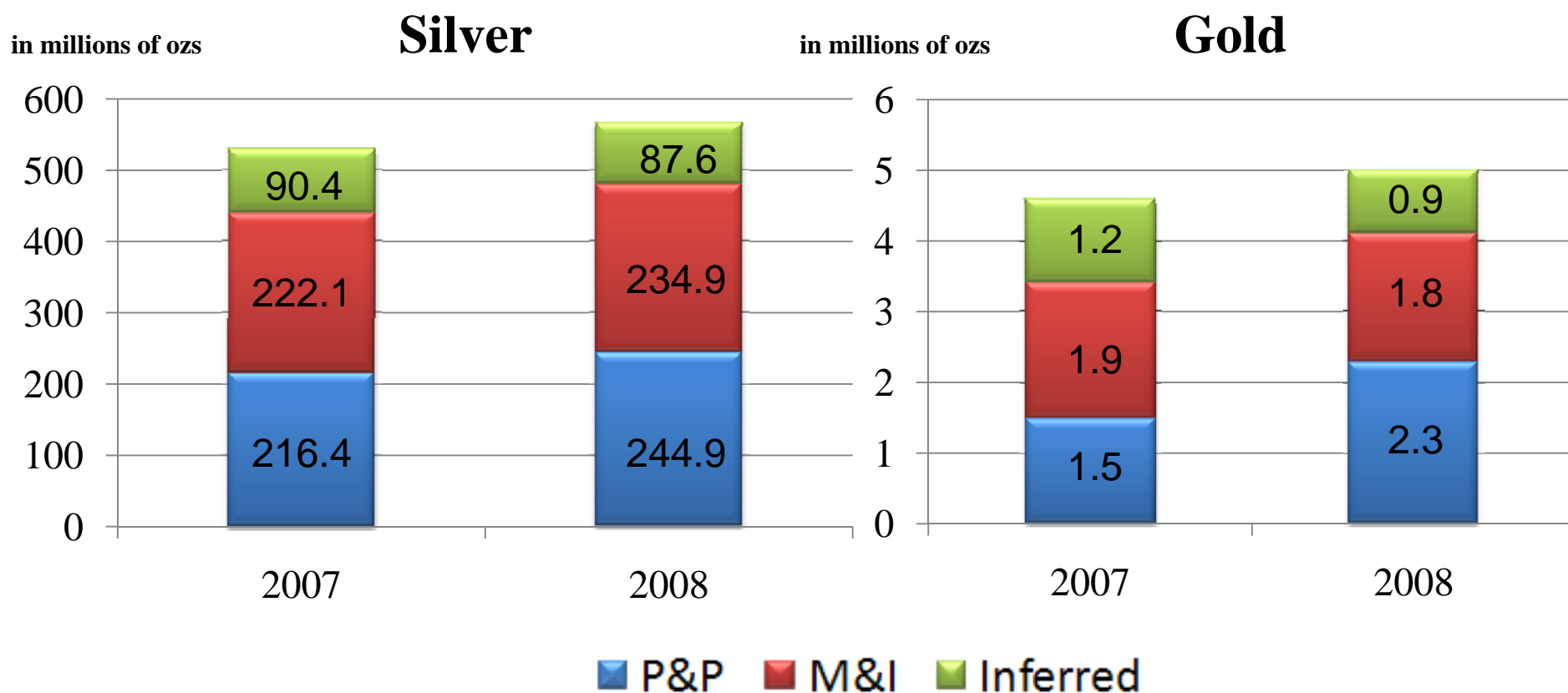
## Gold Production







# Leading Reserve & Resource Base







## Palmarejo on Schedule

- Operating and construction activities all on-schedule
- Expanded 11-year mine plan
  - Capacity to produce an average of 9 million silver ounces and 120,000 gold ounces annually
- Project remains on budget
  - \$181 million invested during 2008
  - 1Q capex of  $\approx$  \$80 million
  - 2Q capex of  $\approx$  \$20 million





# Palmarejo-Updated Mine Plan

Palmarejo Mine Plan Summary	Current Mine Plan	Feasibility Study
Current Mine Life (years)	11	9
Tonnes Milled – Open Pit	11.3	6.1
Average Grade (g/t) – Open Pit (Gold)	0.86	1.09
Average Grade (g/t) – Open Pit (Silver)	105.3	137.9
Tonnes Milled – Underground	8.6	3.7
Average Grade (g/t) – Underground (Gold)	2.77	4.49
Average Grade (g/t) – Underground (Silver)	191.3	295.9
Total Tonnes Milled	19.9	9.8
Combined Average Grade (g/t) – (Gold)	1.69	2.38
Combined Average Grade (g/t) – (Silver)	142.7	197.7
Average Open Pit Mining Cost per Tonne	\$1.75	\$1.36
Average Underground Mining Cost per Tonne	\$33.71	\$31.07
Average Milling Cost per Tonne	\$19.39	\$15.87
Average G&A Cost per Tonne	\$5.91	\$6.71
Average Recovery (gold)	93.75%	93.75%
Average Recovery (silver)	90.75%	90.75%
2008A Capital Expenditures (US\$ Millions)*	\$181	\$235
2009E Capital Expenditures – Pre-Start Up (US\$ Millions)	\$76	\$63
2009E Capital Expenditures – Post-Start Up (US\$ Millions)	\$22	\$30
2010E Capital Expenditures (US\$ Millions)	\$44	\$12

\* \$181 million includes capital expenditures of \$164m plus pre-development expenses of \$17.2m that were not capitalized during 2008

## Open pit ore milled consists of:

Palmarejo P&P Reserves	6.1 m tonnes	1.09 g/t Au, 137.9 g/t Ag
Palmarejo Inferred Resources*	5.2 m tonnes	0.59 g/t Au, 66.7 g/t Ag

## Underground ore milled consists of:

Palmarejo P&P Reserves	3.7 m tonnes	4.49 g/t Au, 295.9 g/t Ag
Palmarejo Inferred Resources* (effective June 21, 2008)	2.0 m tonnes	1.44 g/t Au, 69.9 g/t Ag
Guadalupe Indicated Resources* (75% of June 21, 2008)	0.5 m tonnes	2.15 g/t Au, 166.0 g/t Ag
Guadalupe Inferred Resources* (30% of June 21, 2008)	2.4 m tonnes	1.34 g/t Au, 136.0 g/t Ag

\*Mineral resources that are not mineral reserves do not have demonstrated economic viability

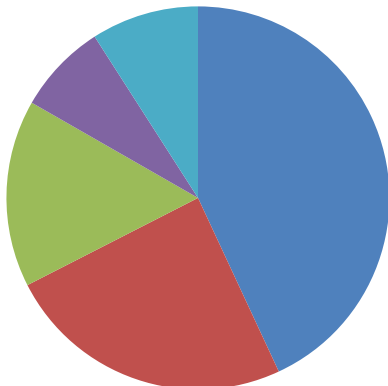




## Execution of Growth Strategy

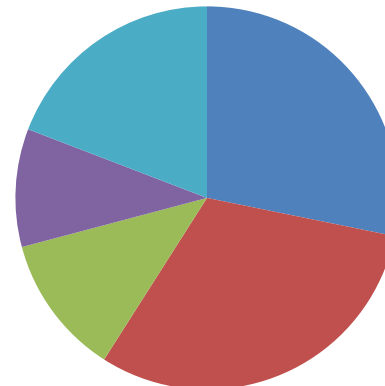
### **Palmarejo's Impact on Coeur**

**2009E Silver Production Contribution**



■ San Bartolomé ■ Palmarejo ■ Martha ■ Rochester ■ Broken Hill/Endeavor

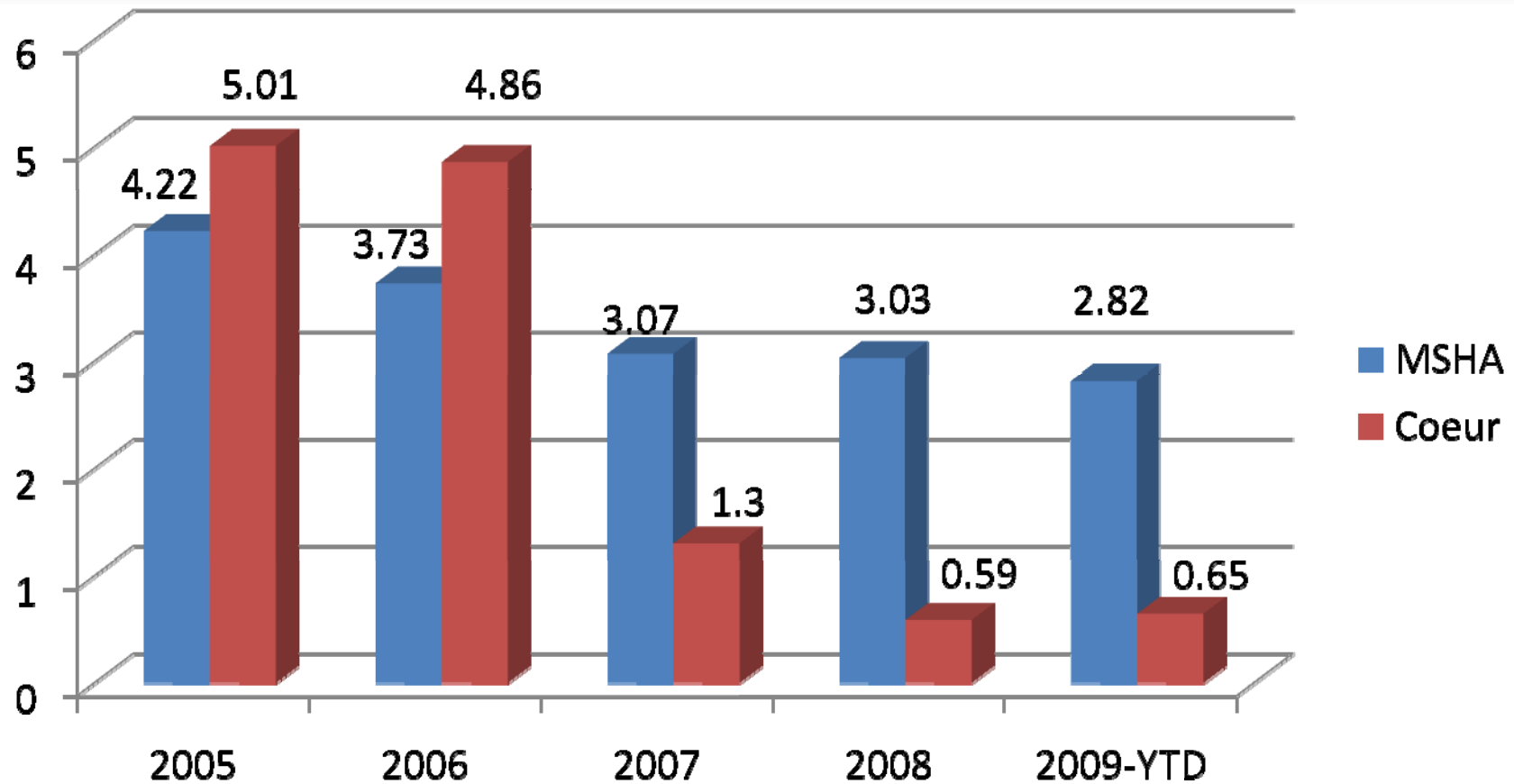
**2009E OCF Contribution**



■ San Bartolomé ■ Palmarejo ■ Martha ■ Rochester ■ Broken Hill/Endeavor



## Coeur Safety & Health Historical Performance



Significant improvement in safety performance





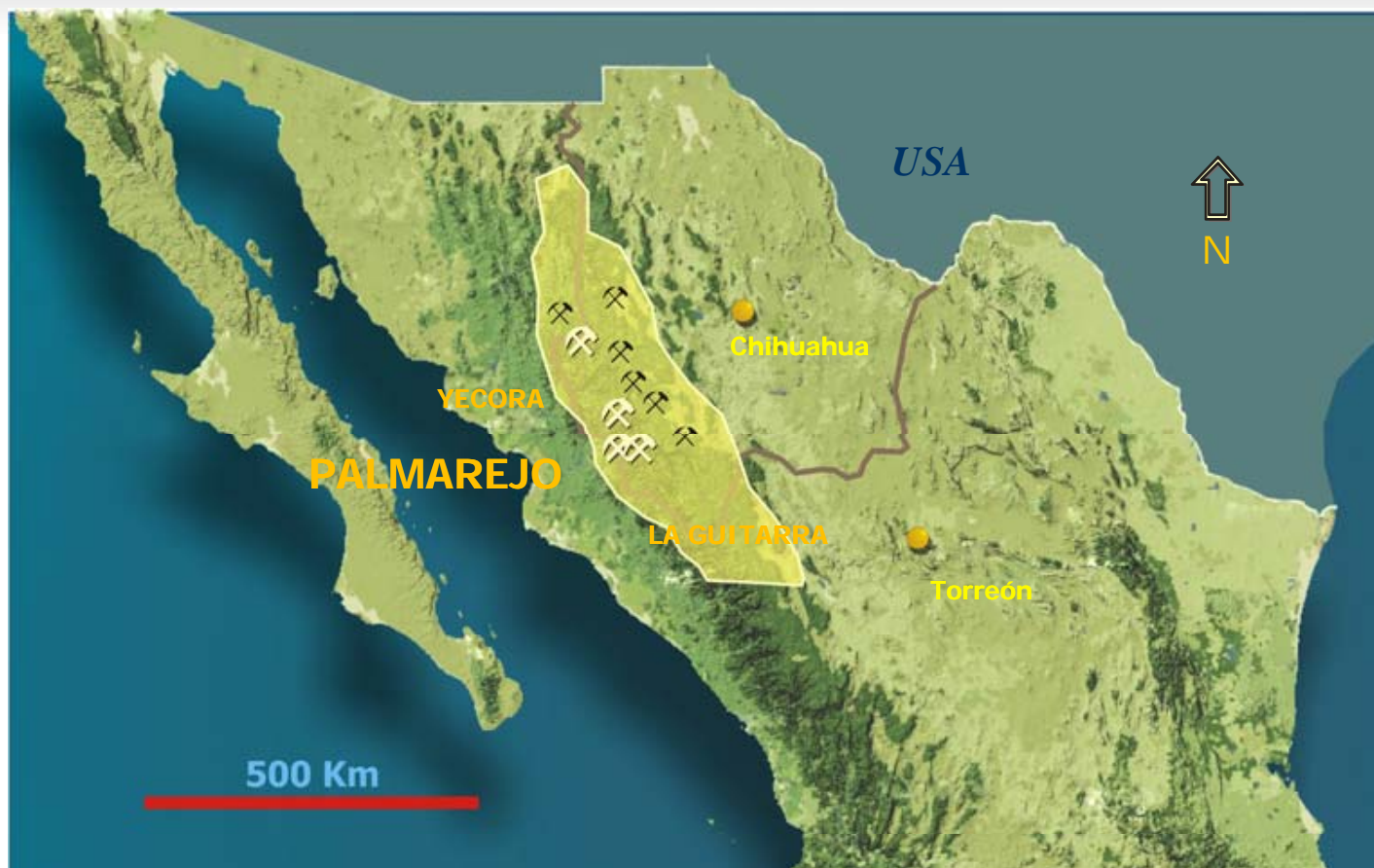
# Exploration

## Don Birak



COEUR  
THE PRECIOUS METALS COMPANY

Located in the Northern Sierra Madre







## Expanding Palmarejo District

### ➤ 2008

- \$8.95 M spent in Mexico (+92% in the Palmarejo District)
  - Expansion of Guadalupe deposit
  - Definition drilling in the Palmarejo deposit (Chapotillo, La Prieta Este)

### ➤ 2009

- \$8.5 M budget for Mexico (+97% in Palmarejo District).
  - Expand and upgrade Guadalupe
  - Drilling at Palmarejo
  - Drilling on La Currita and Los Bancos
  - Reconnaissance of other properties (see map) for 2010 drilling





## Growth in Palmarejo Mineral Reserves & Resources

<i>Millions of silver ounces</i>	<b>12/31/07</b>	<b>6/20/08</b>	<b>12/31/08</b>
Proven & Probable Reserves	0	62.4	63.6
Measured & Indicated Resources	88.7	35.0	53.3
Inferred Resources	61.4	45.1	58.5

<i>000's of gold ounces</i>	<b>12/31/07</b>	<b>6/20/08</b>	<b>12/31/08</b>
Proven & Probable Reserves	0	751	756
Measured & Indicated Resources	987	492	676
Inferred Resources	719	734	880

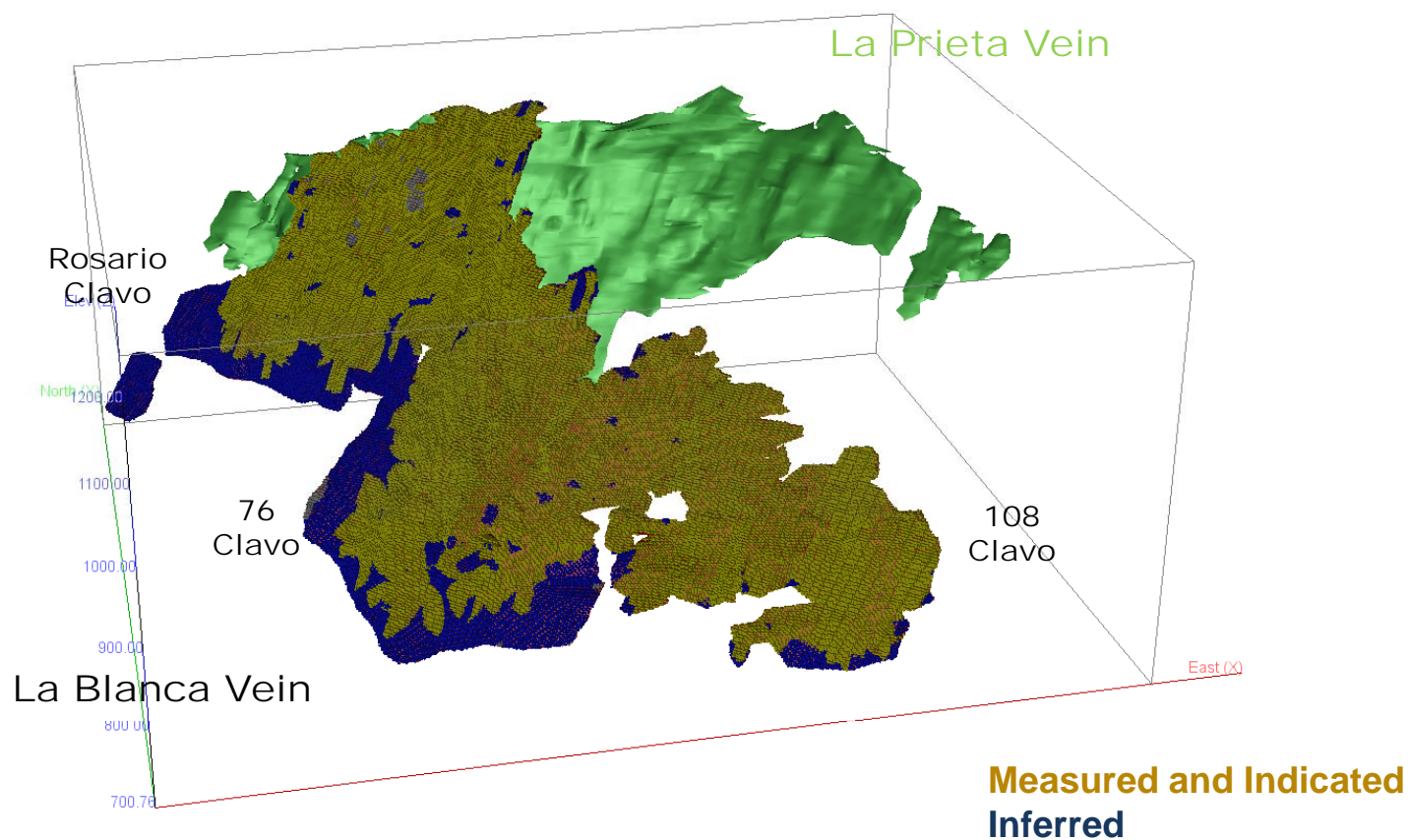
\*Measured, Indicated, and Inferred Mineral Resources are in addition to Mineral Reserves and have not demonstrated economic viability.





# Growth in Palmarejo Mineral Reserves & Resources

YE 2008 model

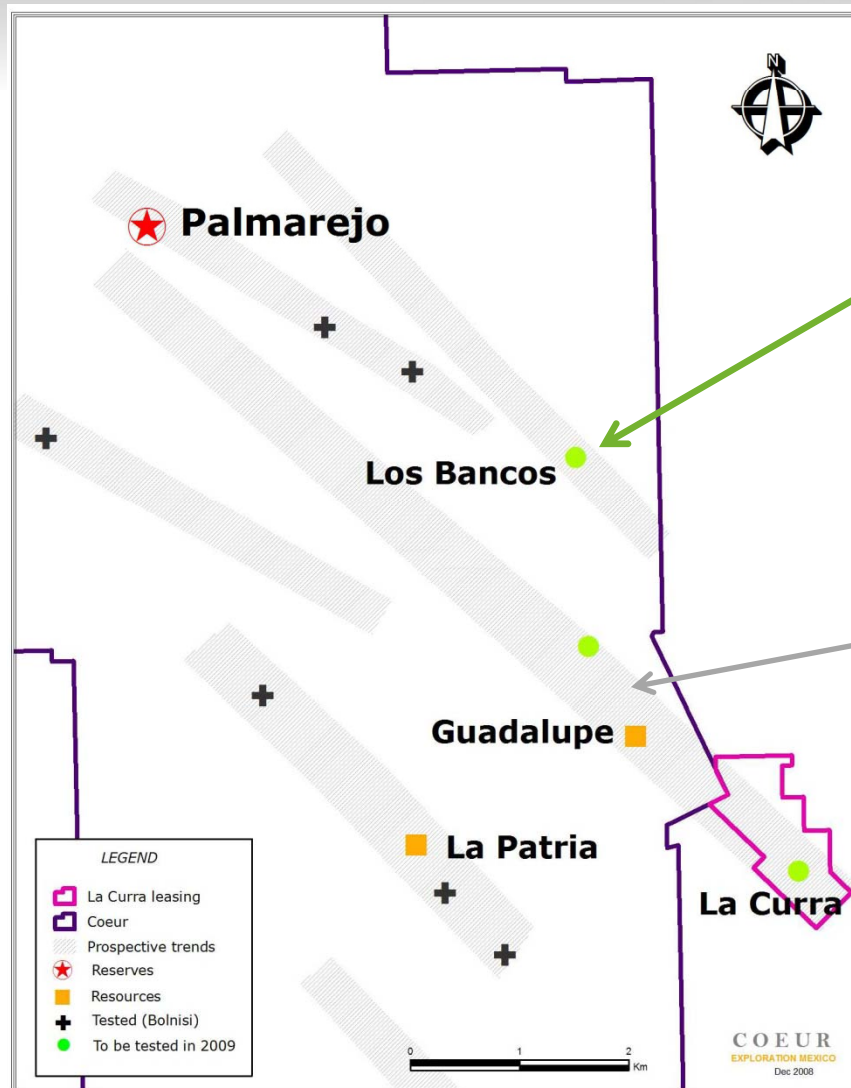






## Exploration in Palmarejo

- Multiple mineral trends and targets

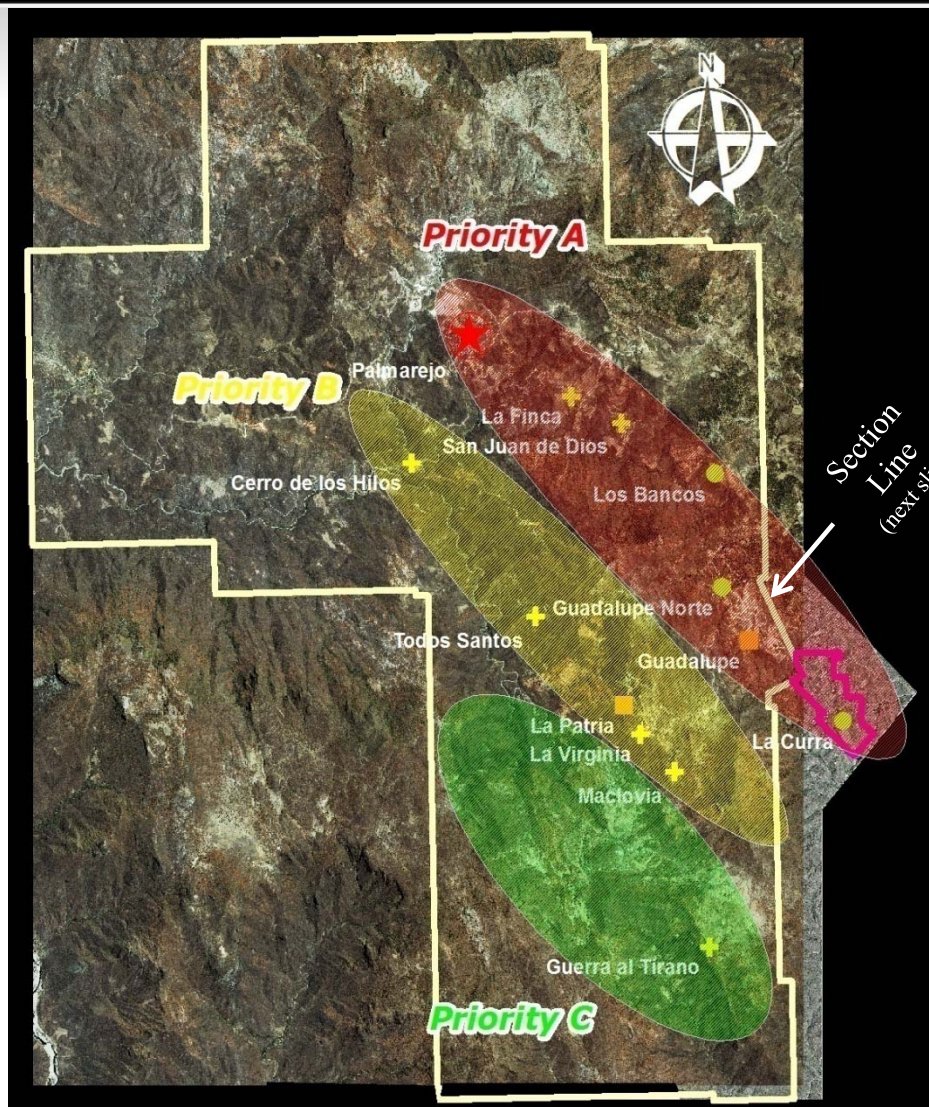


Targets scheduled for drilling to expand and upgrade mineral resources

Trends scheduled for mapping, sampling, remote sensing and other techniques to identify drill targets for 2010



# Exploration in Palmarejo



## Priorities 2009 - 2011

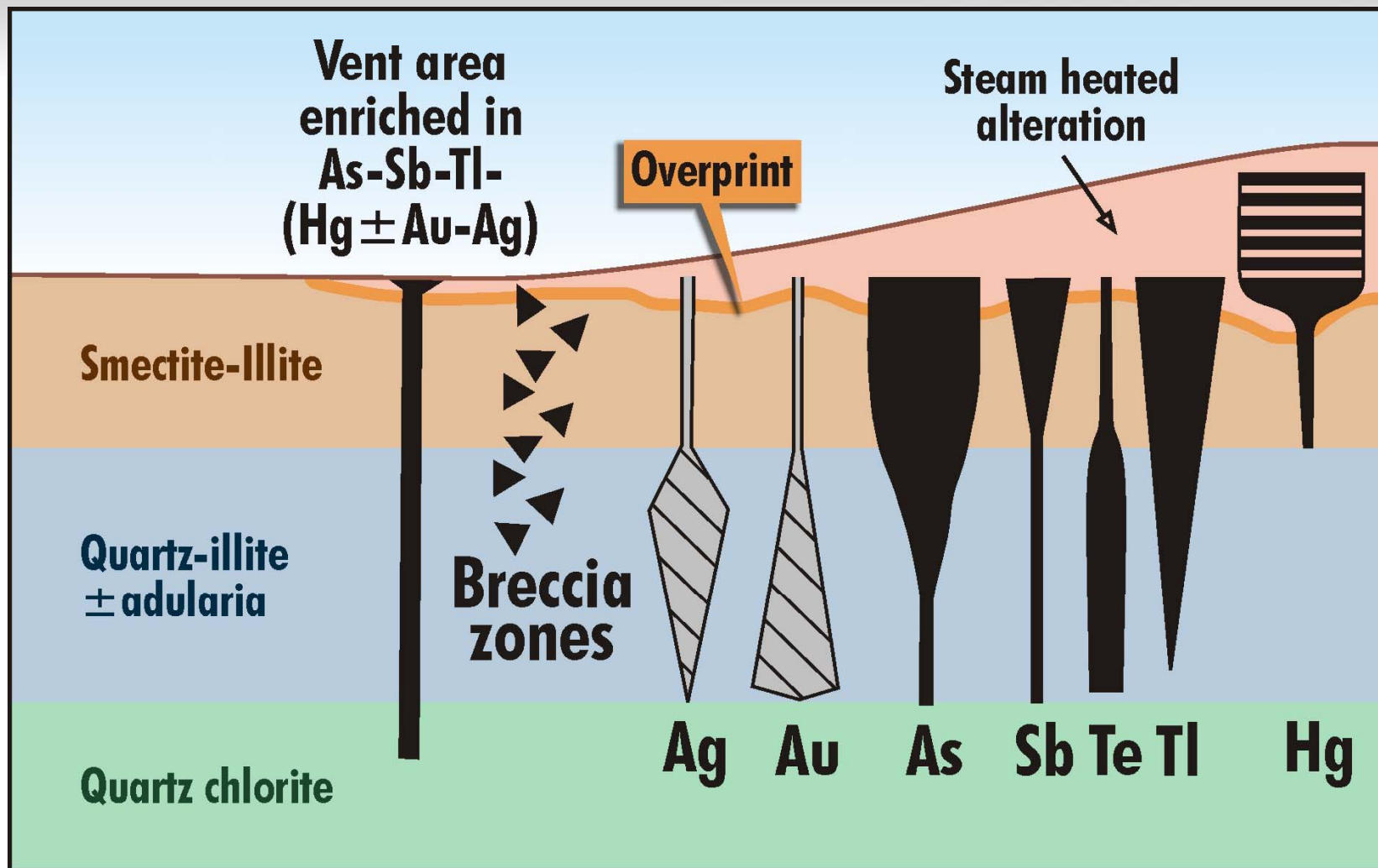


Potential new  
Trend (upper  
structural  
levels)





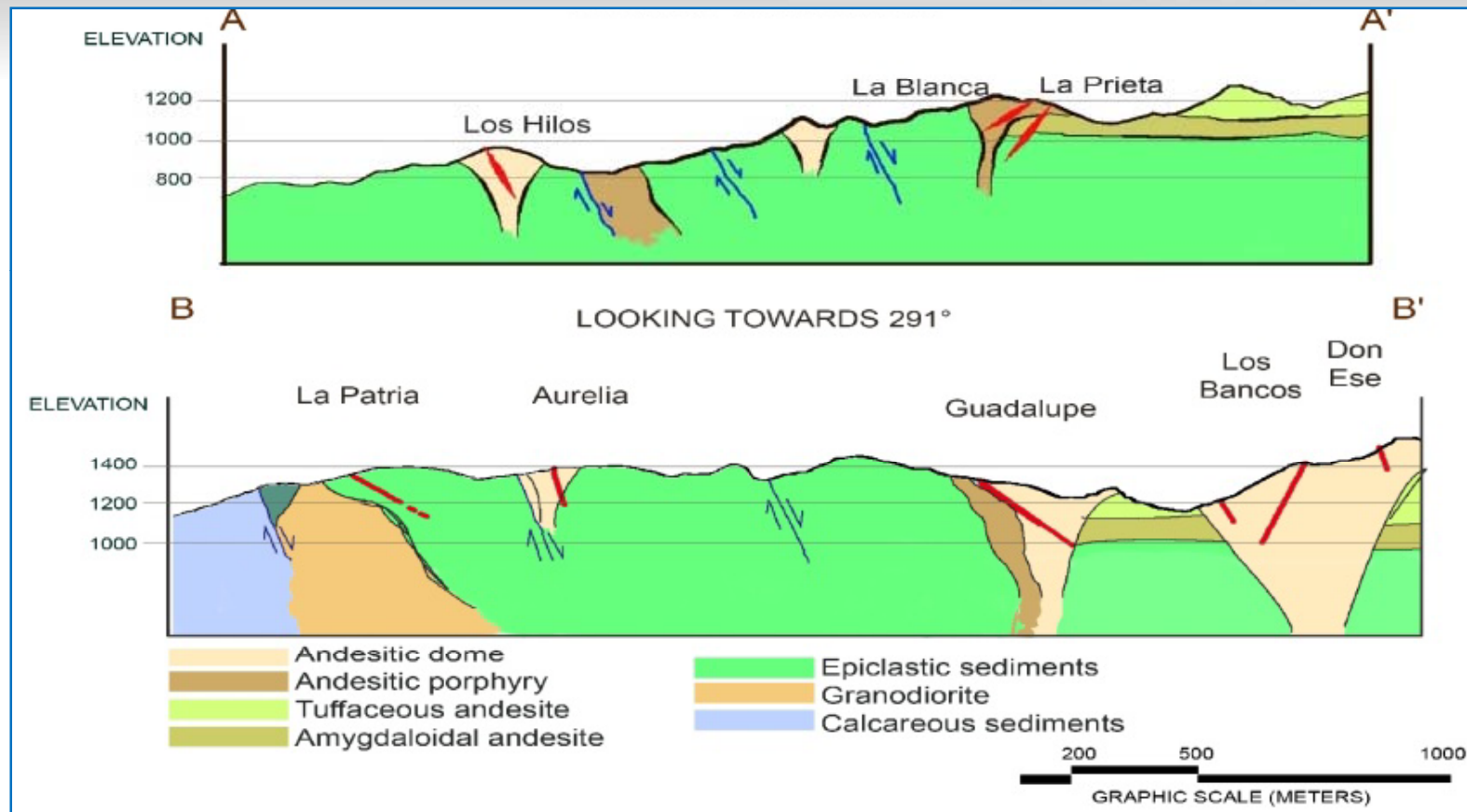
## Characteristics of the Palmarejo Deposits







## Characteristics of the Palmarejo Deposits

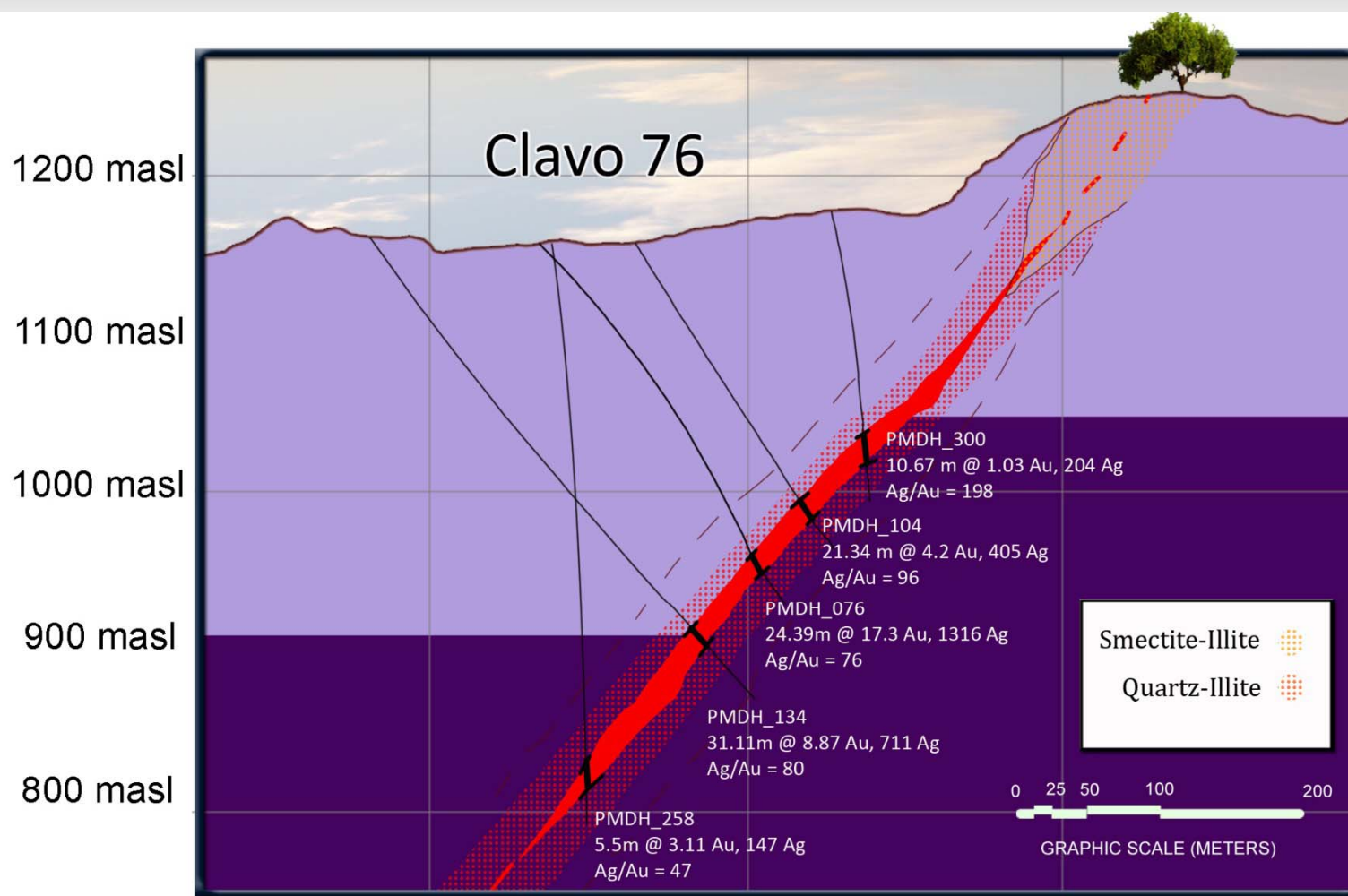


Palmarejo, Los Bancos and Guadalupe trends are most completely preserved (vs La Patria trend) - supported by stratigraphy, alteration and Ag:Au .





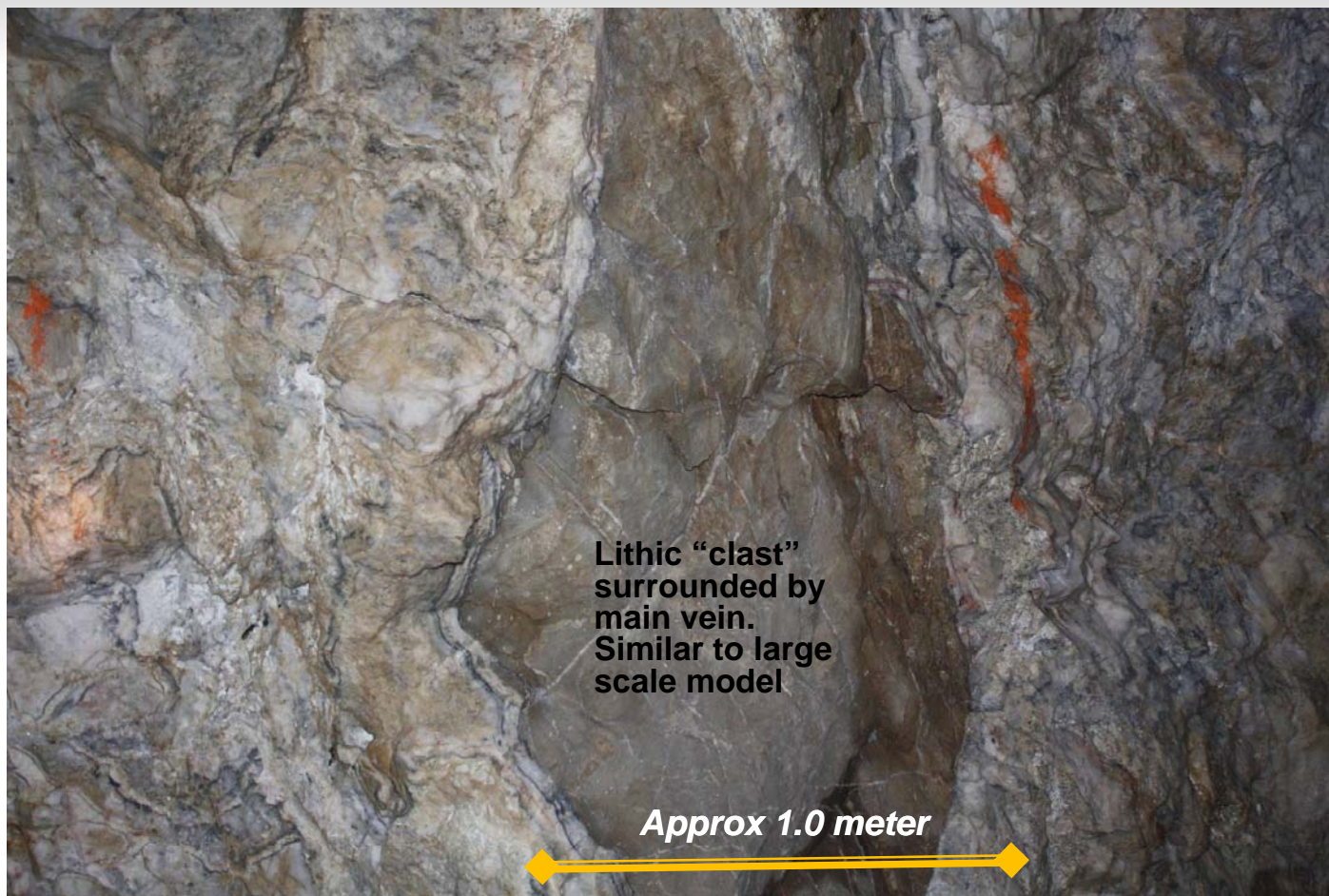
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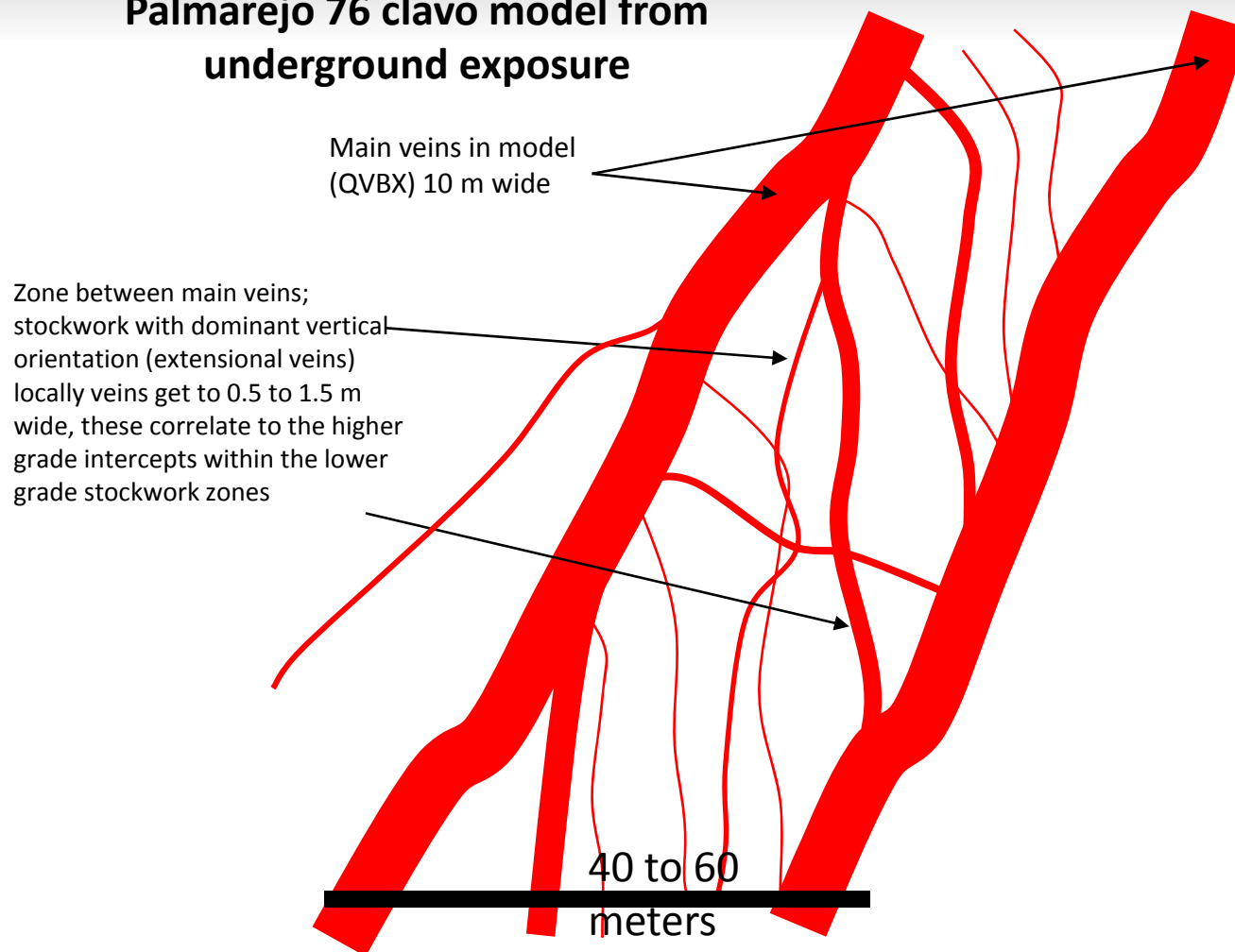
**76 Clavo** . Quartz-carbonate vein breccia encasing large rock fragments. Black bands and ribbons are sulfosalts and acanthite (





## Characteristics of the Palmarejo Deposits

### Palmarejo 76 clavo model from underground exposure

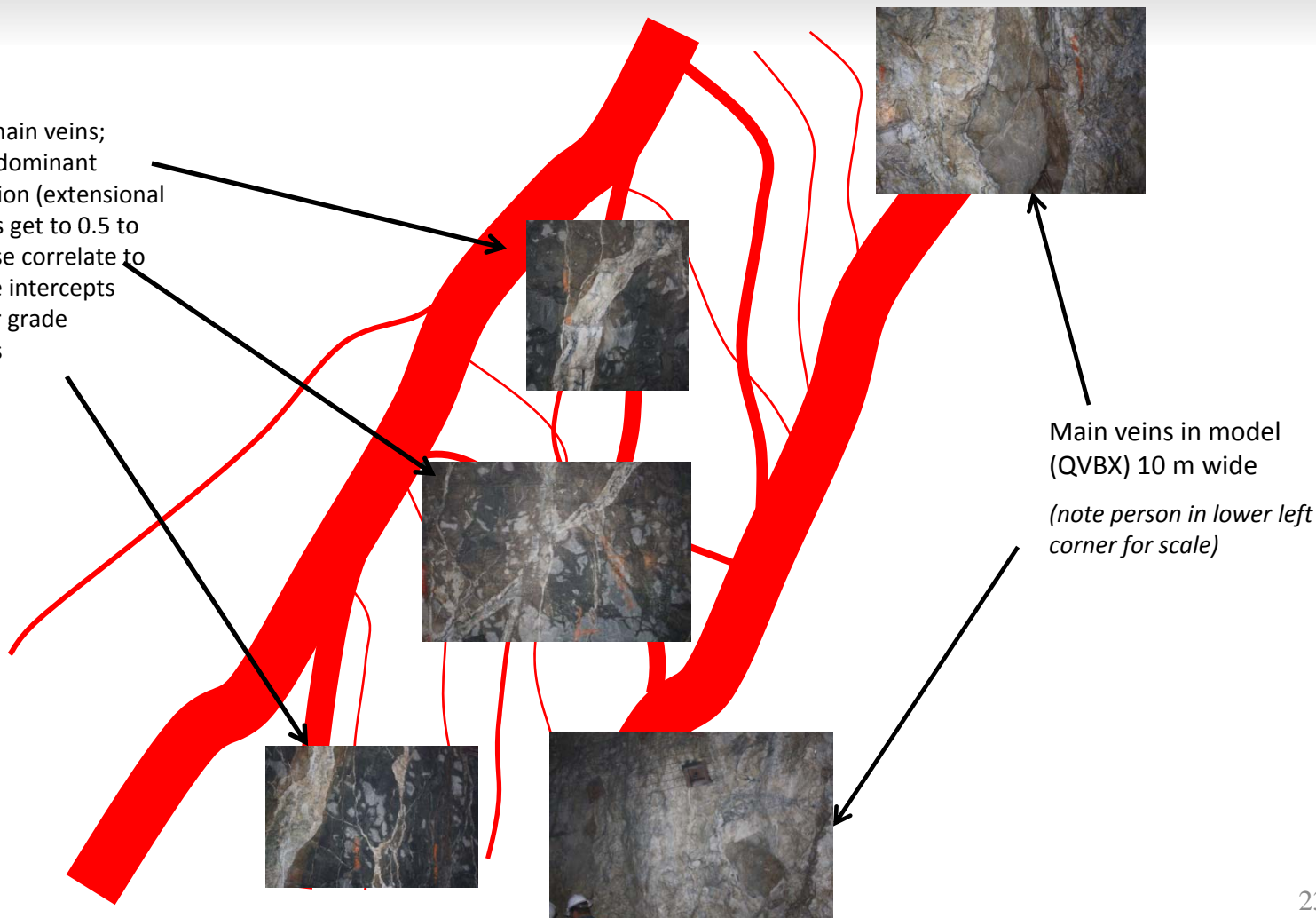






## Characteristics of the Palmarejo Deposits

Zone between main veins;  
stockwork with dominant  
vertical orientation (extensional  
vns) locally veins get to 0.5 to  
1.5 m wide, these correlate to  
the higher grade intercepts  
within the lower grade  
stockwork zones

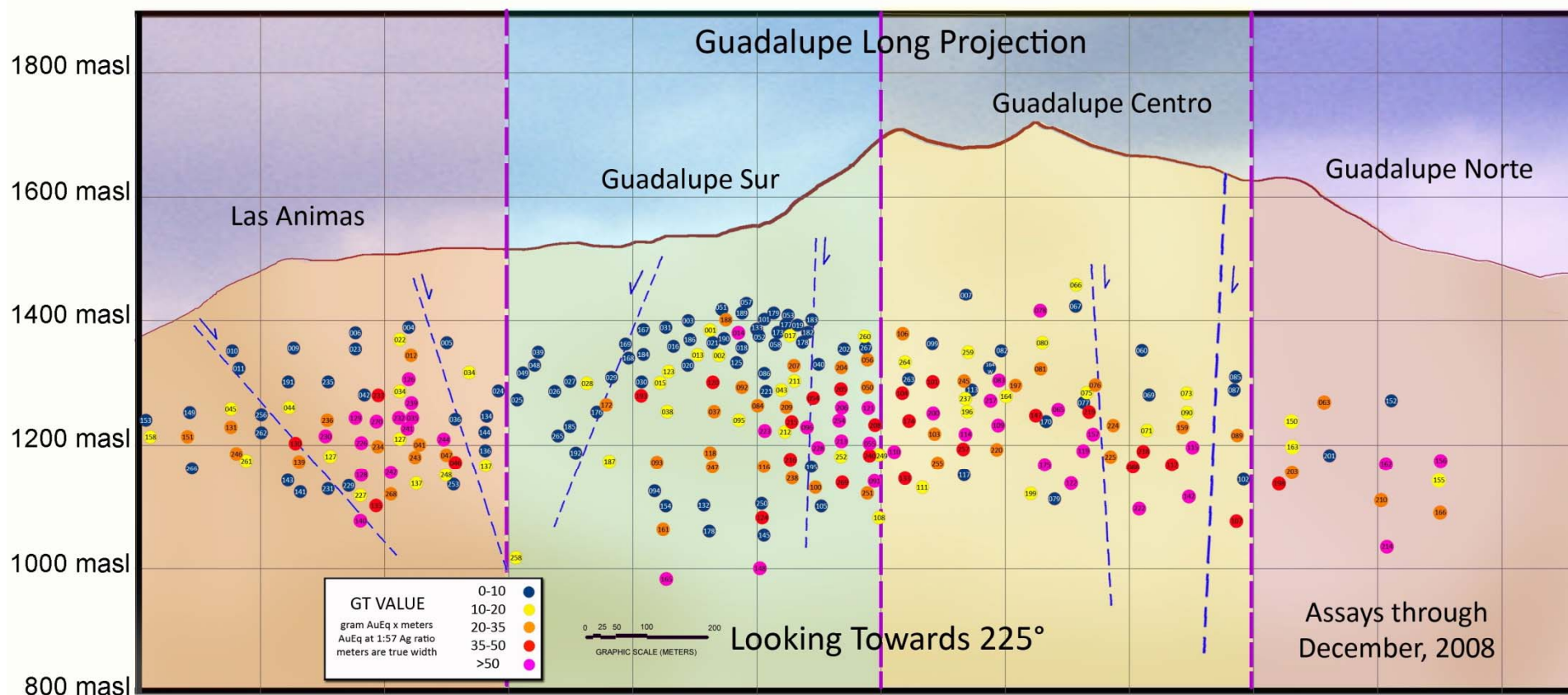






# Guadalupe

Three major zones emerging with 2008 drilling (completed 54 holes for 19,616 m thru Dec. 31<sup>st</sup>)  
Many gaps in current drilling coverage to upgrade resources and open for expansion

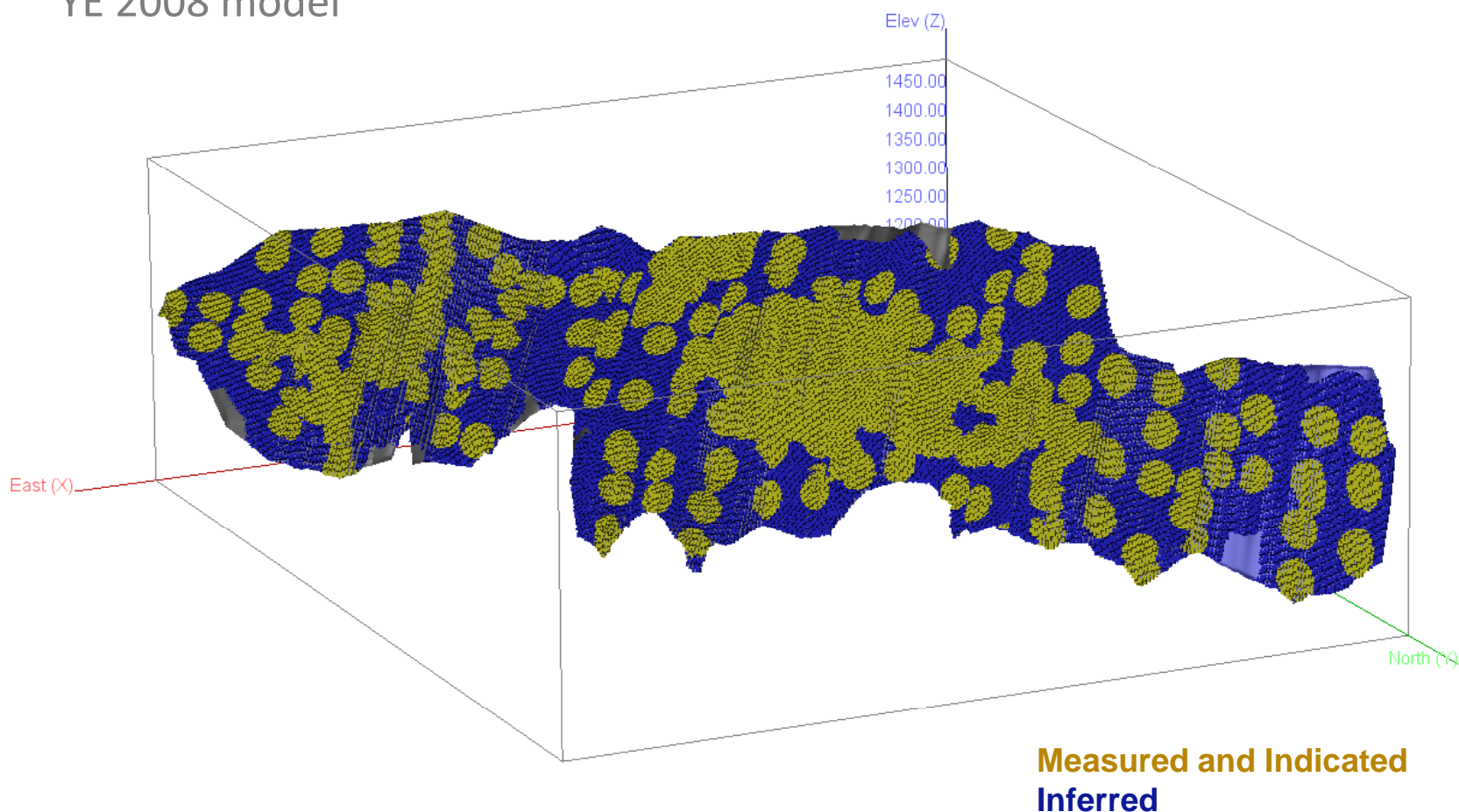




# Guadalupe Mineral Resource



YE 2008 model







# Guadalupe Mineral Resource

## Guadalupe Published Resources September 17, 2007

*last published resource before Coeur purchase*

	<b>Tonnes</b>	<b>Au g/t</b>	<b>Ag g/t</b>	<b>oz Au</b>	<b>oz Ag</b>
Measured	-	-	-	-	-
Indicated	710,000	2.15	166	49,000	3,790,000
<b>Total Meas. And Ind.</b>	<b>710,000</b>	<b>2.15</b>	<b>166</b>	<b>49,000</b>	<b>3,790,000</b>
Inferred	8,000,000	1.34	136	345,000	35,120,000

Cutoff of 0.8 g/t Au Eq from surface to 150 meter depth  
Cutoff of 2.5 g/t Au Eq from greater than 150 meter depth  
Equivalent calculated at Ag:Au ratio 55:1

## Guadalupe Resource Year End 2008

*The total mineral resource includes Proven and Probable mineral reserves*

	<b>Tonnes</b>	<b>Au g/t</b>	<b>Ag g/t</b>	<b>oz Au</b>	<b>oz Ag</b>
Measured	3,114,000	1.68	139	168,000	13,902,000
Indicated	7,215,000	1.55	127	359,000	29,385,000
<b>Total Meas. And Ind.</b>	<b>10,329,000</b>	<b>1.59</b>	<b>130</b>	<b>527,000</b>	<b>43,287,000</b>
Inferred	9,292,000	1.42	101	423,000	30,030,000

Cutoff grade for open pit portion 0.89 g/t Au eq  
Cutoff grade for underground portion 1.95 g/t Au eq  
Equivalent calculated at Ag:Au ratio 59:1

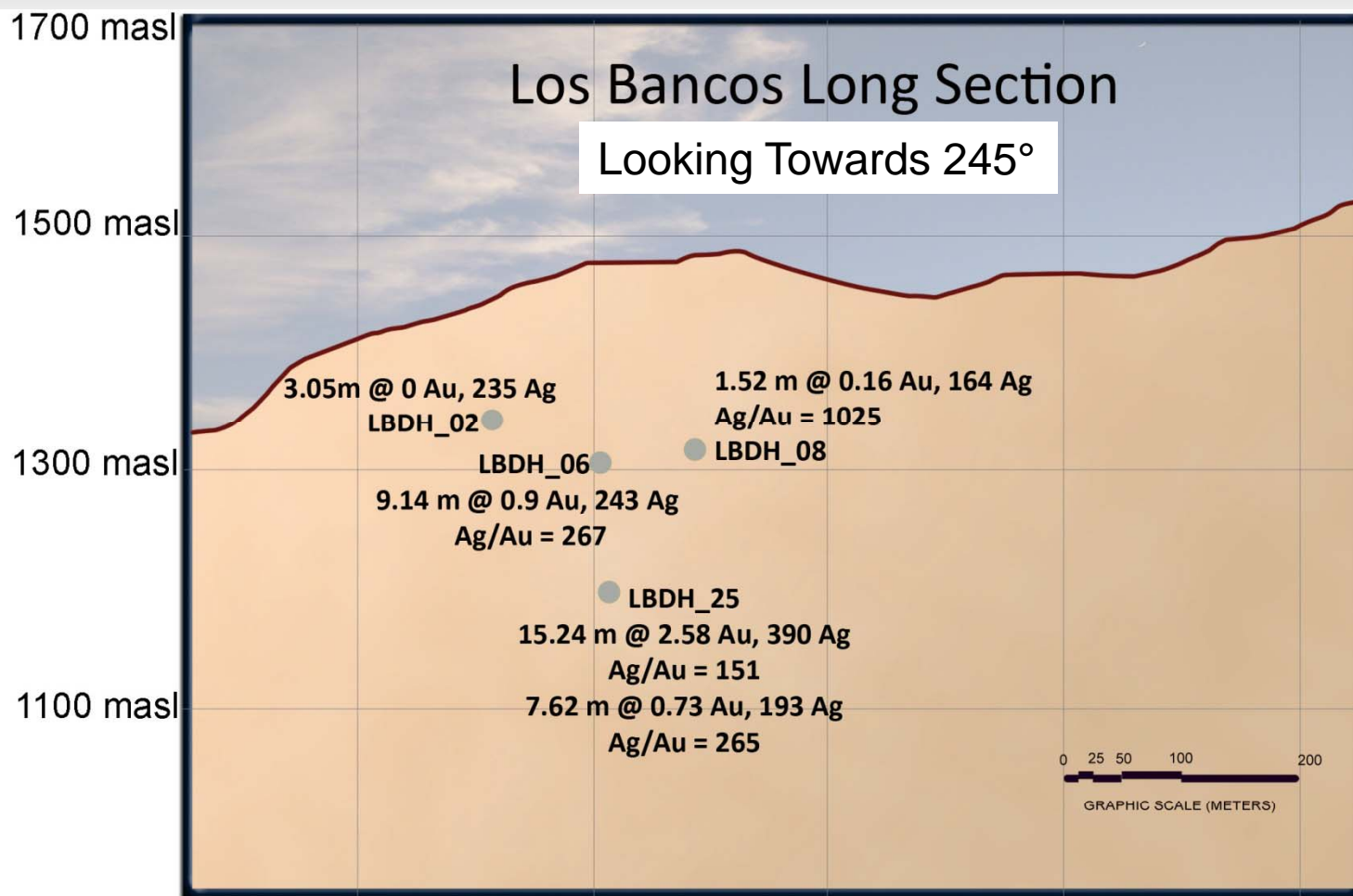
## Guadalupe Resource Gains since "purchase"

	<b>Tonnes</b>	<b>%</b>	<b>oz Au</b>	<b>%</b>	<b>oz Ag</b>	<b>%</b>
Measured	3,114,000	-	168,000	-	13,902,000	-
Indicated	6,505,000	-	310,000	-	25,595,000	-
<b>Total Meas. and Ind.</b>	<b>9,619,000</b>	<b>1355%</b>	<b>478,000</b>	<b>976%</b>	<b>39,497,000</b>	<b>1042%</b>
Inferred	1,292,000	16%	78,000	23%	-5,090,000	-14%





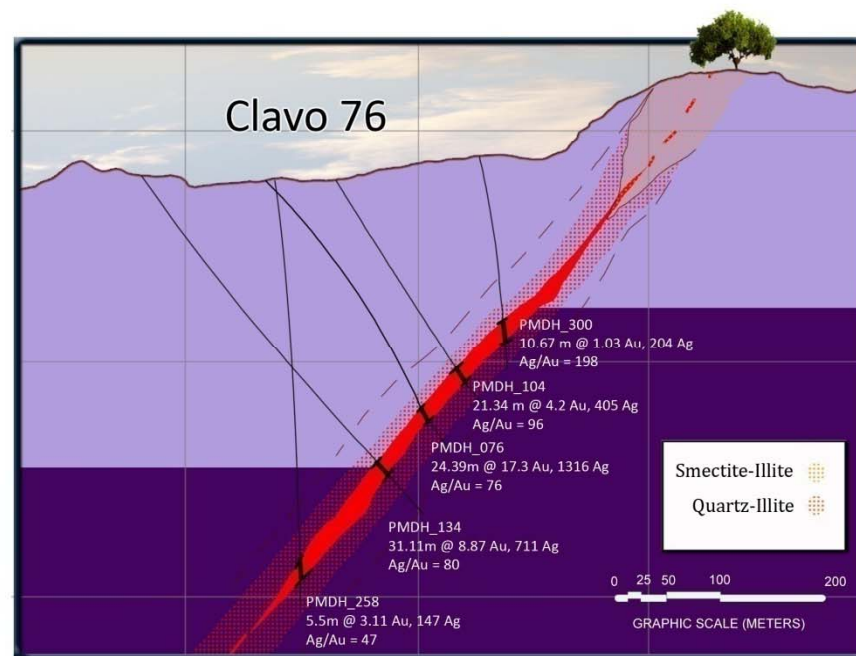
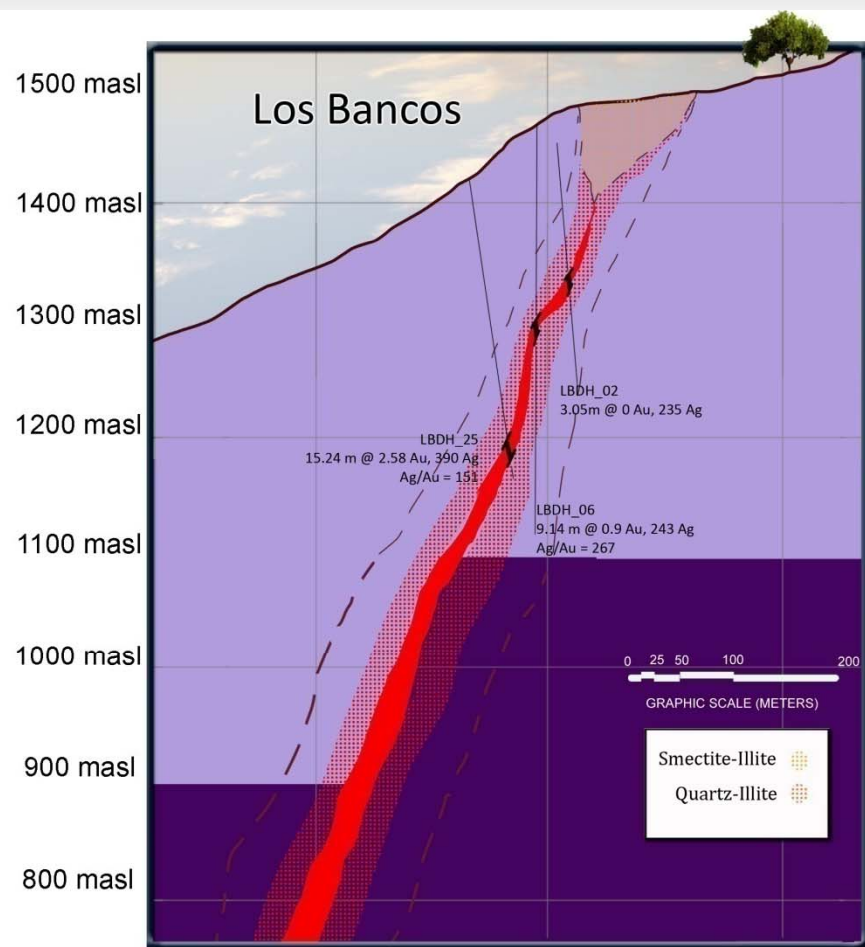
# Los Bancos







# Los Bancos and 76 Clavo







# **Palmarejo Project Overview**

## R Weston and Stuart Mathews



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# Planet Gold Project Concept







## Takeover Period to December 2007

- Initial due diligence commenced late 2006.
- Joint Management Steering Committee operative in 2007;
- Number of construction issues identified during 2007 and Coeur remediation plan proposed;
- Intermet Engineering (Perth) responsible for all EPCM for Palmarejo;
- Opportunities considered with different mining approach, especially underground and tailings storage philosophy.

Coeur implemented all design and operational changes after 100% control in January 2008.





## Mining

- Change from only open pit to open pit plus underground mines
  - Reduced stripping ratio
  - More immediate recovery of higher grade ore zones
  - Improved cost structure, less sensitivity to changes in oil price.

## Processing

- Relocation of lower plant site to upper plant site,
- Revised tailings storage location
- Revised water supply for operations
- Commitment to grid power connection

## Other

- Revise permits to accomodate design changes
- Construction of permanent camp to house majority of workforce
- Strong commitment to improving safety performance on site.

Improved reliabilty of operations





## Safety Performance

### Key factor in good safety performance

- Strong management commitment to ensure safe site
- Training and hazard awareness programmes
- Task observation requirements in construction
- Total construction safety training hours: 40,000 manhours

### Manhours to end February 2009

- Construction : 2.86 million manhours
- Operations: 2.76 million manhours
- Total: 5.62 million manhours

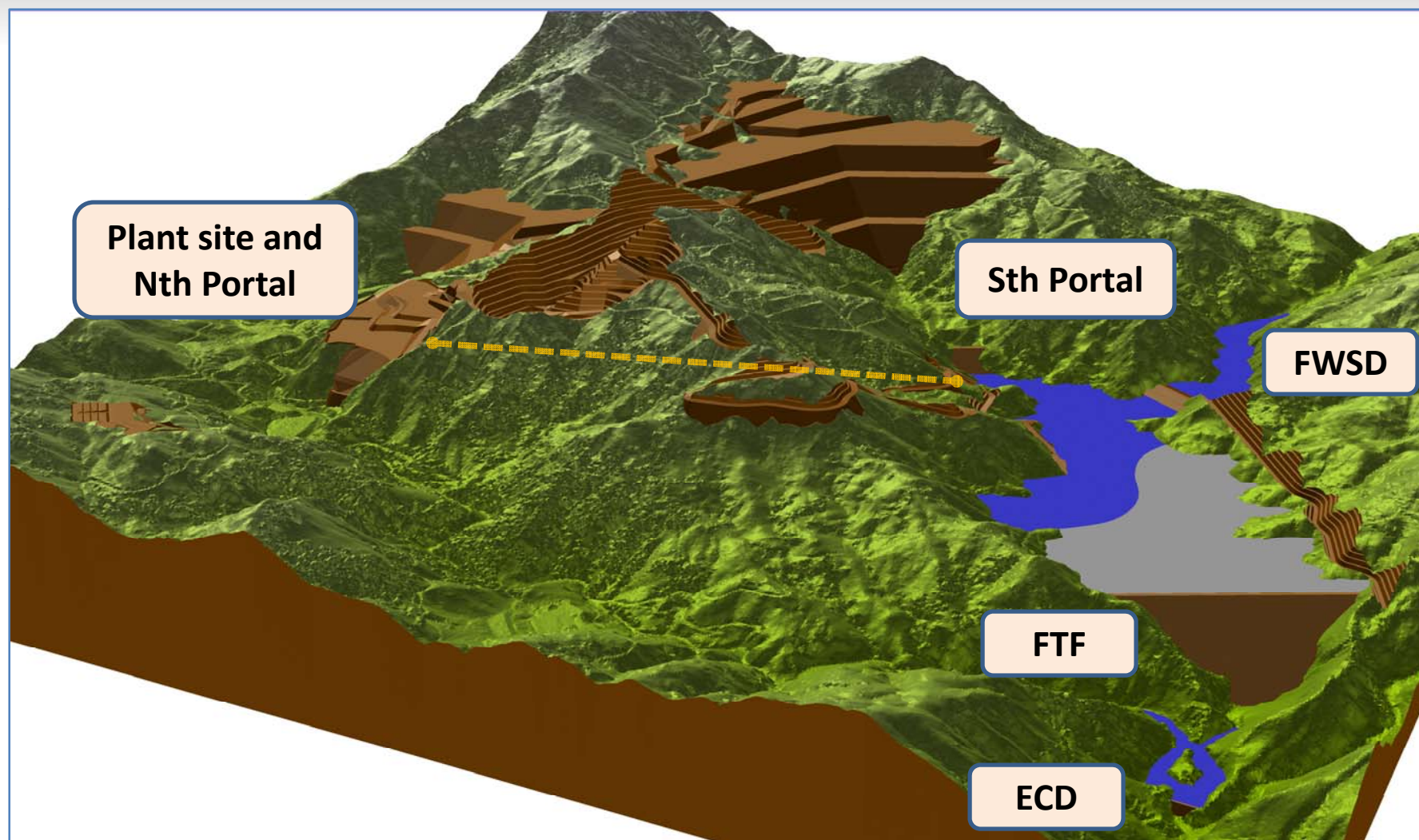
### Manhours since last Lost Time Accident

- Total 1.22 million manhours.

All things considered, excellent safety performance



# Palmarejo Site Arrangements







## Aim

- To ensure Palmarejo was developed and operated to a high standard from day one with focus on best mining practices for:
  - Safety and Health
  - Human Resources
  - Environment and Community
  - Underground and Open Pit Mining practices
  - Maintenance practices
  - Processing preparedness for operations.

Results to date indicate objectives have been met





## **Richard Weston, Senior VP Operations**

35 years experience in operations and project development activities. Experience includes positions in the feasibility, planning, and management of the development and operation of open pit and underground mines in gold, silver , uranium and coal, in Australia, New Zealand, Indonesia, Argentina, Chile, Boliva, Mexico, and USA. General Manager level on four gold/silver mines.

## **Stuart Mathews, VP and GM Palmarejo**

Involved full time on Palmarejo development since initial due diligence trip in Dec 2006. 25 years of experience in exploration, operations and project development activities. Experience includes positions in exploration, mine geolgy, project development and operational management of underground and open pit mines in gold, silver and base metals in Australia, New Zealand, Indonesia and Mexico.





## **Establish Site management and Coeur direction early: Operations**

- Stuart Mathews appointed GM early in 2007
- Greg Blaylock appointed Mining Manager in 2007
- Denis Donkin appointed HR Manager in 2007

*Human resources department and hiring procedures most important*

- Martin Linero Processing Manager, Mexican
- Rafael Curra, Environmental Manager, Venezuelan,
- Hector Figueroa, Geology Manager, Chileano

## **Construction:**

- AKER Solutions appointed as PCM contractor, with Interment retaining Engineering and some procurement function.
- Experienced Coeur Construction Management team on site to ensure safety, schedule and costs maintained.



# Management Chart



**VP & General Manager  
Stuart Mathews**

**Enviro &  
Comm  
Manager**

**Finance  
& Admin  
Manager**

**Geology  
Manager**

**Mining  
Manager**

**Process  
Manager**

**Security  
Manager**

**Safety  
Manager**

**HR  
Manager**

**Rafael  
Curra**

**Jaime  
Triana**

**Hector  
Figueroa**

**Greg  
Blaylock**

**Martin  
Liñero**

**Doroteo  
Corrales**

**Carlos  
Garcia**

**Denis  
Donkin**

- 200 years combined experience within management team
- Expat & multi-nationals, plus youth & experience
- Management team established 14 months pre-production
- Achieved aggressive schedules – Construction & Mine Development
- Total proposed Operations Workforce approximately 454

**Committed & united vision: A Vision to Excel**





- WORKFORCE PLANNING
- RECRUITMENT/SELECTION
- TRAINING & DEVELOPMENT
- PERFORMANCE MANAGEMENT
- PROMOTIONS





Area	Personnel
• Management:	8
• Mining:	225
• Processing:	121
• Geology:	45
• Admin:	25
• Safety & Security:	16
• Community & Enviro:	10
• <u>Human Resources:</u>	<u>4</u>
<u>Total:</u>	<u>454</u>

Construction workforce at peak 1750 contract personnel.





Public road

Early plant site  
works







Development of  
Open Pit

Relocated  
Public Road

Process  
Area





# Palmarejo Aerial overview



Fuel storage and Maintenance

ROM Stockpile

Laboratory

Construction  
offices

Technical  
offices

North Portal





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# Main Operations Camp Feb09



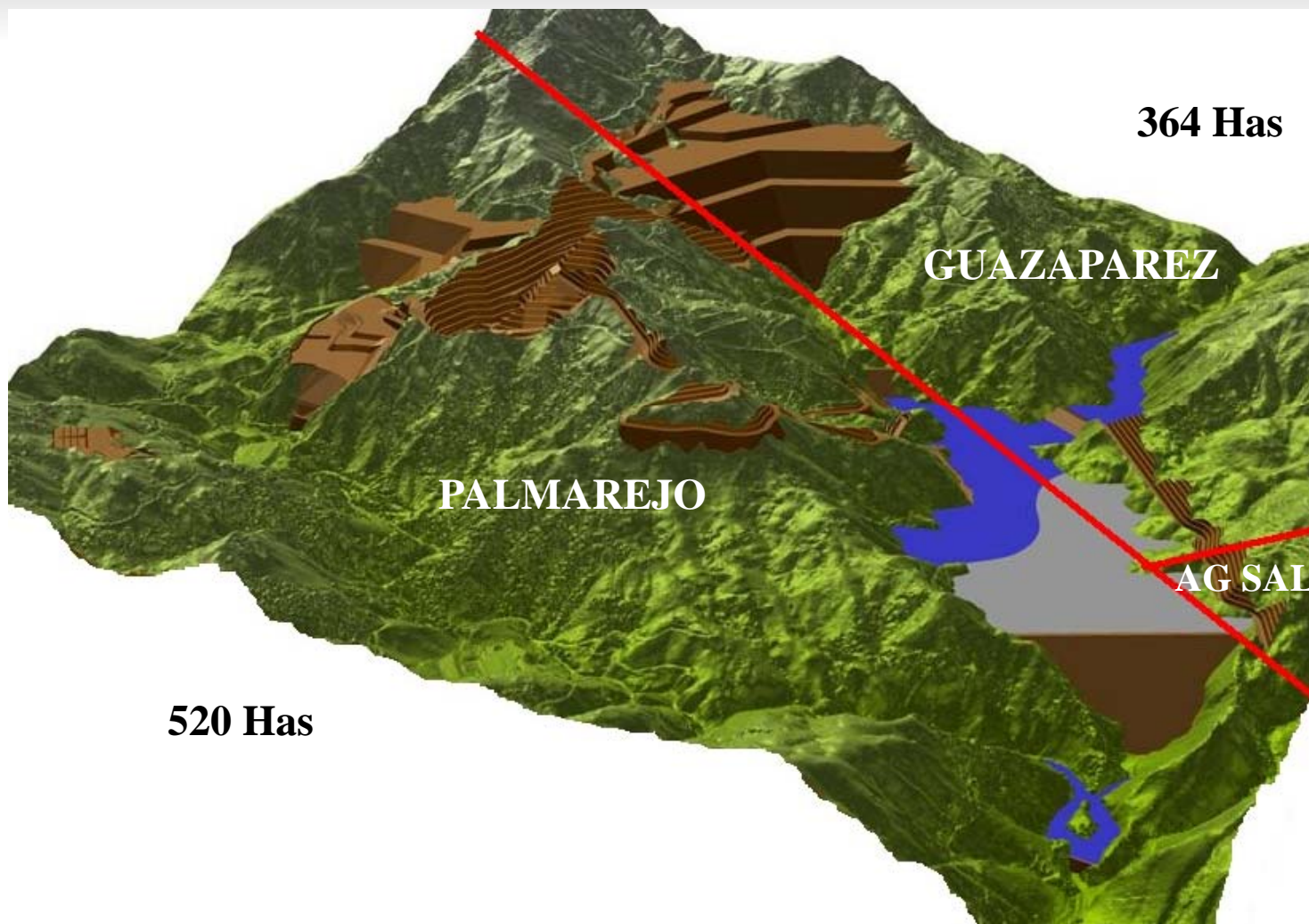




# **Environment and Community**

## Rafael Curra









## **Ejido agreements required for exploration, operation and construction:**

- Agreements made with Guazapares, Palmarejo, Agua Salada Ejido have been legally ratified & registered with the Agrarian Registry ;
- These Land Use agreements signed in 2005;
- Terms include:
  - 15-year term, renewable for additional 15 year term.
  - Annual payment .
  - Compensation to individual land holders.
  - First-choice to locals in personnel hiring & services contracting.
- A further Agreement signed with Guazapares Ejido for Guadalupe & Los Bancos advanced exploration areas.



# ENVIRONMENTAL COMPLIANCE



- MIA (environmental impact) & CUS (forestry) approved in 2006.
  - Both modified in 2008 and approved by Mexican Authority SEMANAT with no additional terms or conditions. Approval covers UG & Open Pit mining , new Tailings Dam & Environment Control Dams (ECD's) locations, waste dump locations, main camp location, & relocation of Lower Process Plant to single Upper plant location.
  - Quarterly and annual compliance reports presented on time.
- ECD & Interim Tails Dam construction permits granted end Aug08
- FTD, FWDD & Diversion Channel construction Permits granted Feb 09
- Incineration permit (non-hazardous waste handling).
- First COA (annual operating report) to be submitted in April '09.





## Contributions to Local Infrastructure:

- Over 100 km in road improvements.
- Palmarejo creek bridge.
- Utility power for Agua Salada & Desfiladeros.
- Temoris garbage truck.
- Palmarejo main street pavement.
- Elementary school in Los Llanos.
- Sports court for Palmarejo HS.
- Chinipas airstrip pavement.
- Geotech study for Chinipas river bridge.
- Water wells in Los Llanos.
- Land purchase for Temoris sewage plant.





Continuous Improvement Strategy





Este tipo de acciones hacen de Corus México una Empresa Socialmente Responsable.







**COEUR MEXICANA** received the prestigious ESR®2009 for the first time:

- Introduced in 2001 – Presented by the Mexican Center for Philanthropy (Spanish acronym: CEMEFI).
- Distinguish efforts in company ethics, community involvement, quality of life and environmental protection.
- 129 first-year recipients (300+ nominees).
- Held by 350+ companies in Mexico (12 miners).



**EMPRESA  
SOCIALMENTE  
RESPONSABLE**



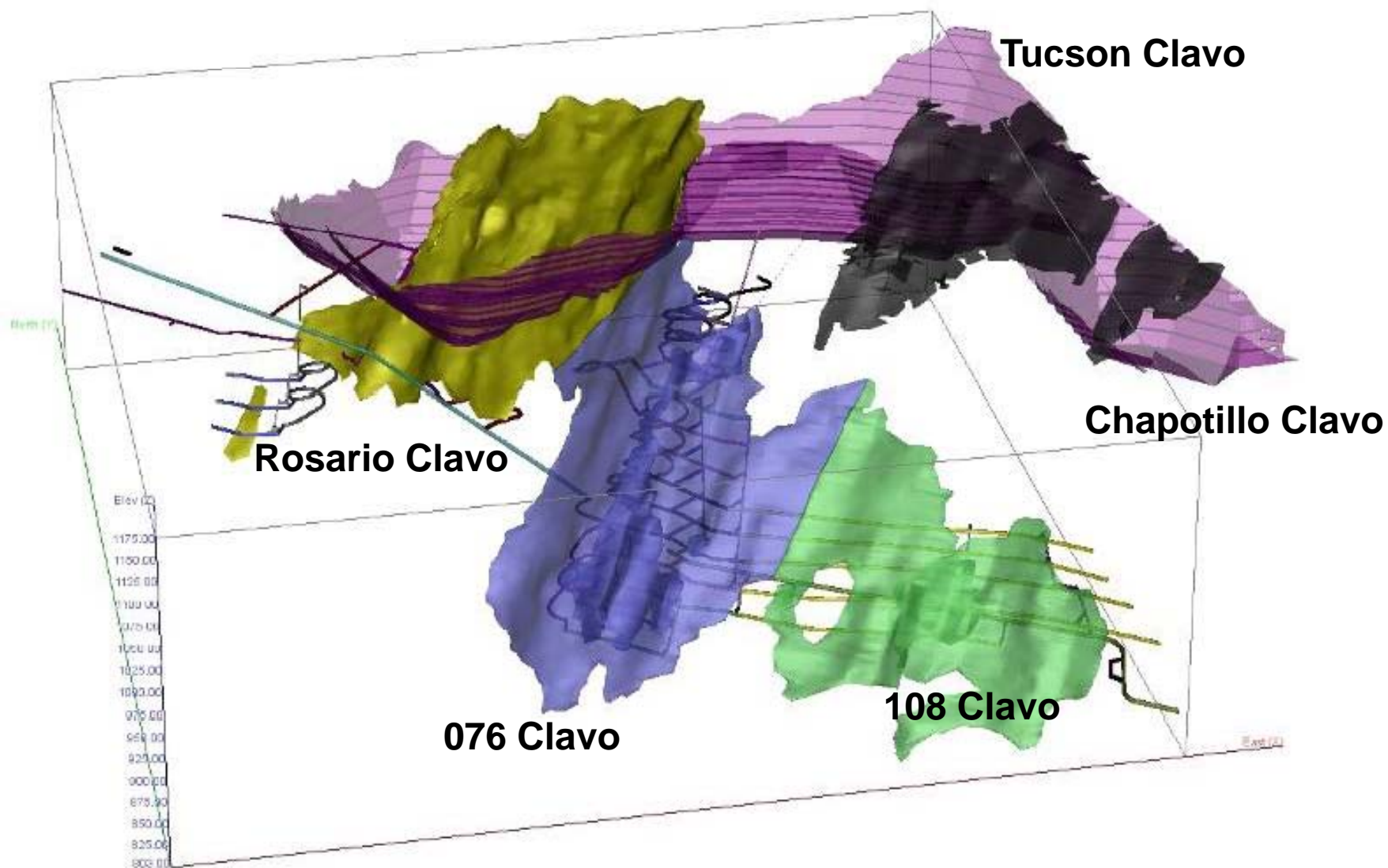


# Mine Geology

## Stuart Mathews



# Open Pit & Underground – with Resources





# UNDERGROUND GRADE CONTROL



## Key Points

- Development intensive mining for 1st 12 months
- Internal complexity of ore zones – breccias, veins, stockworks, alteration
- Daily face mapping UG – ore & waste development
- Mapping rock types, ore detail, structure, & geotech information
- Daily mapping of all ore development drives
- Tracking of ore haulage to stockpiles – UG & Open Pit
- Geological control on direction in ore drives for longitudinal mining
- Definition of ore/waste in all development drives
- Geology info & assay data from sampling into geological database daily
- Stope definition drilling – Owner Operating: major cost saving
- Day & Night Shift coverage of geology staff
- Daily ore tracking – tonnes & grade
- Monthly Reconciliation: Model vs Grade Control vs Mined vs Processing



# UNDERGROUND MAPPING & SAMPLING



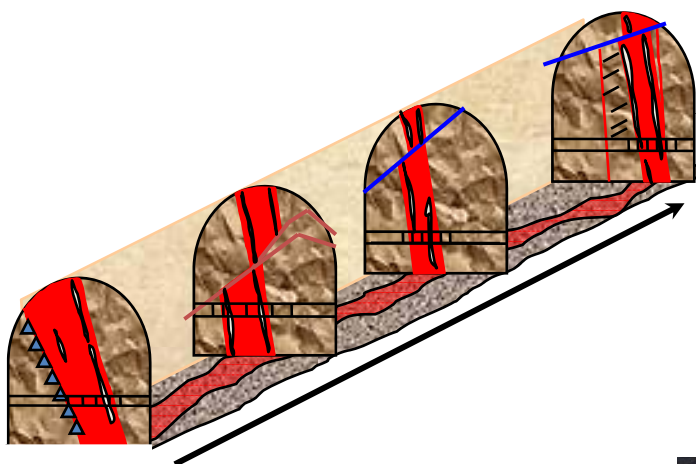
## MAPPING EACH FACE UG



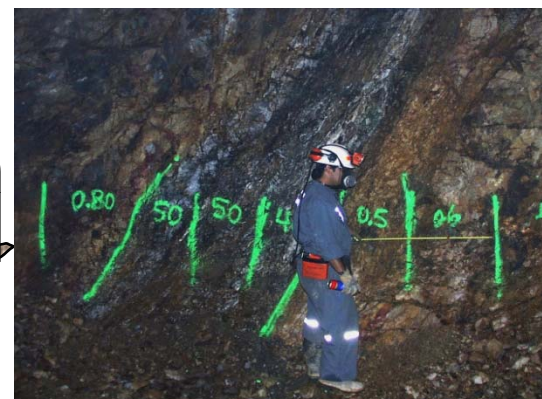
## MAPPING WASTE DEVELOPT



## GEOLOGICAL INTERPRETATION



## MARK-UP OF SAMPLING



## SAMPLING THE FACE

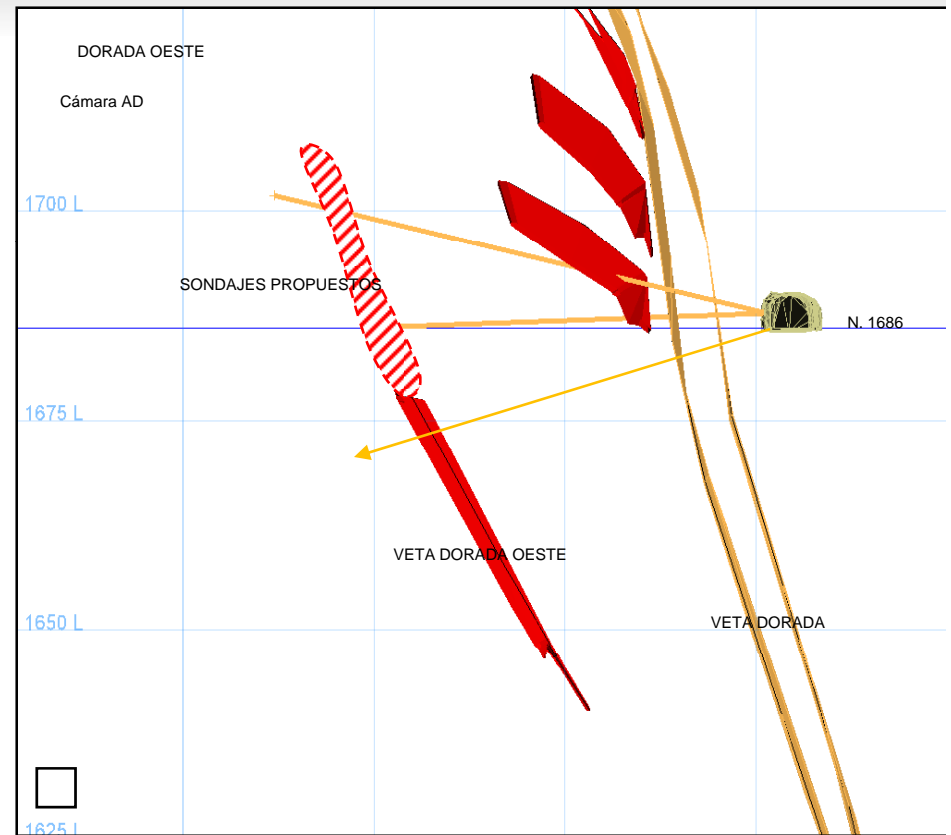
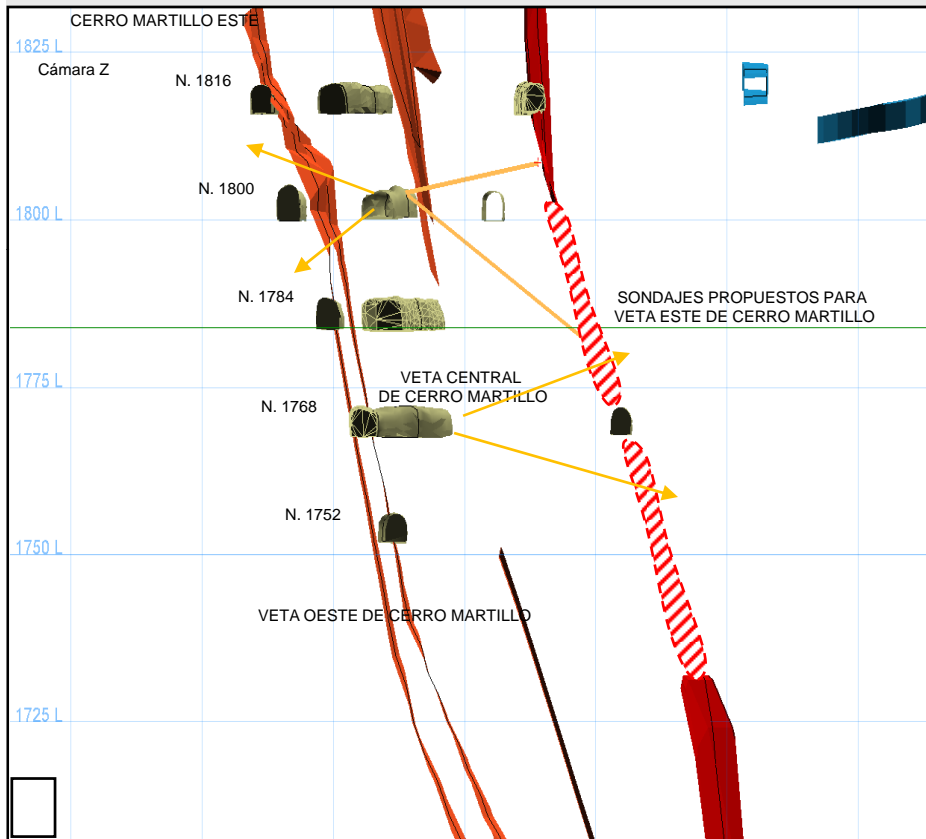


- All geology & sampling entered into database
- data used to to refine reserves & build stope blocks



# COEUR UG STOPE DEFINITION DRILLING

THE PRECIOUS METALS COMPANY



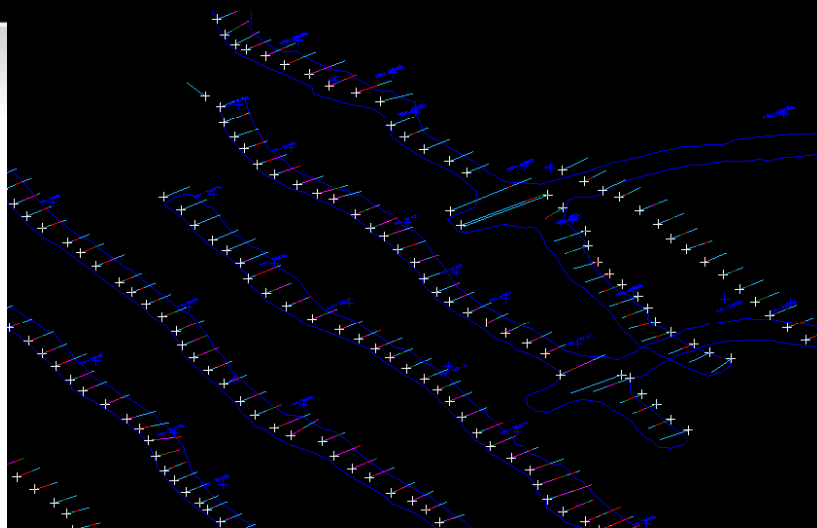
**Drilling lode extensions & infill between mining levels**



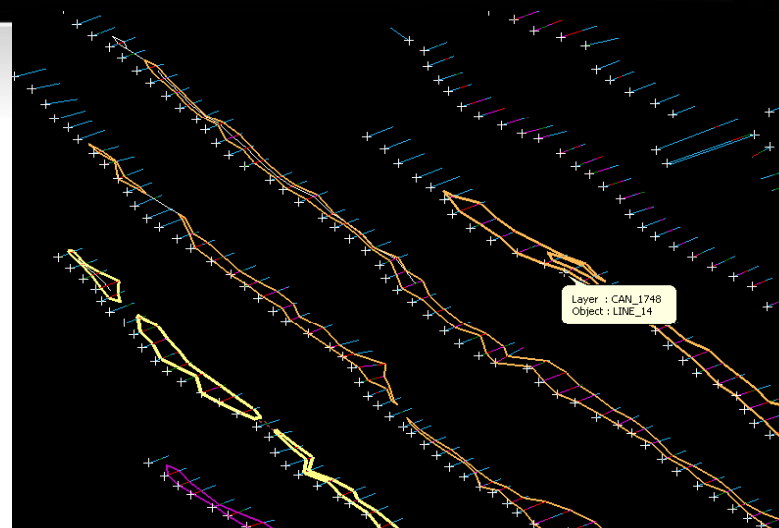
# GRADE CONTROL 3D MODELS



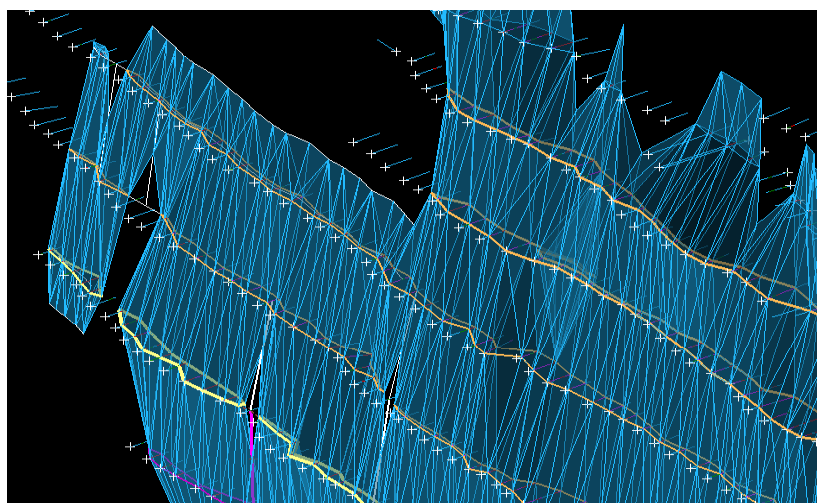
**Base data - Drill holes & Face Samples**



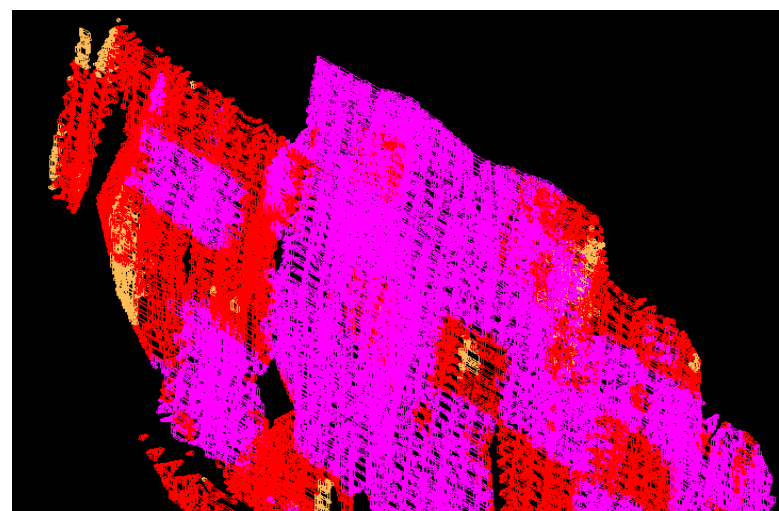
**Generate Polygons based on geology & grade**



**Create 3D Solids of ore Zones**



**Generation of #D Block Model**





# MARK UP OF ORE & STOCKPILE MANAGEMENT



**MARK UP IN PREPARATION FOR STOPE DRILLING**



**UG STOCKPILE CONTROL**



**RUN-OF-MINE STOCKPILE CONTROL**



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# Open Pit Grade Control





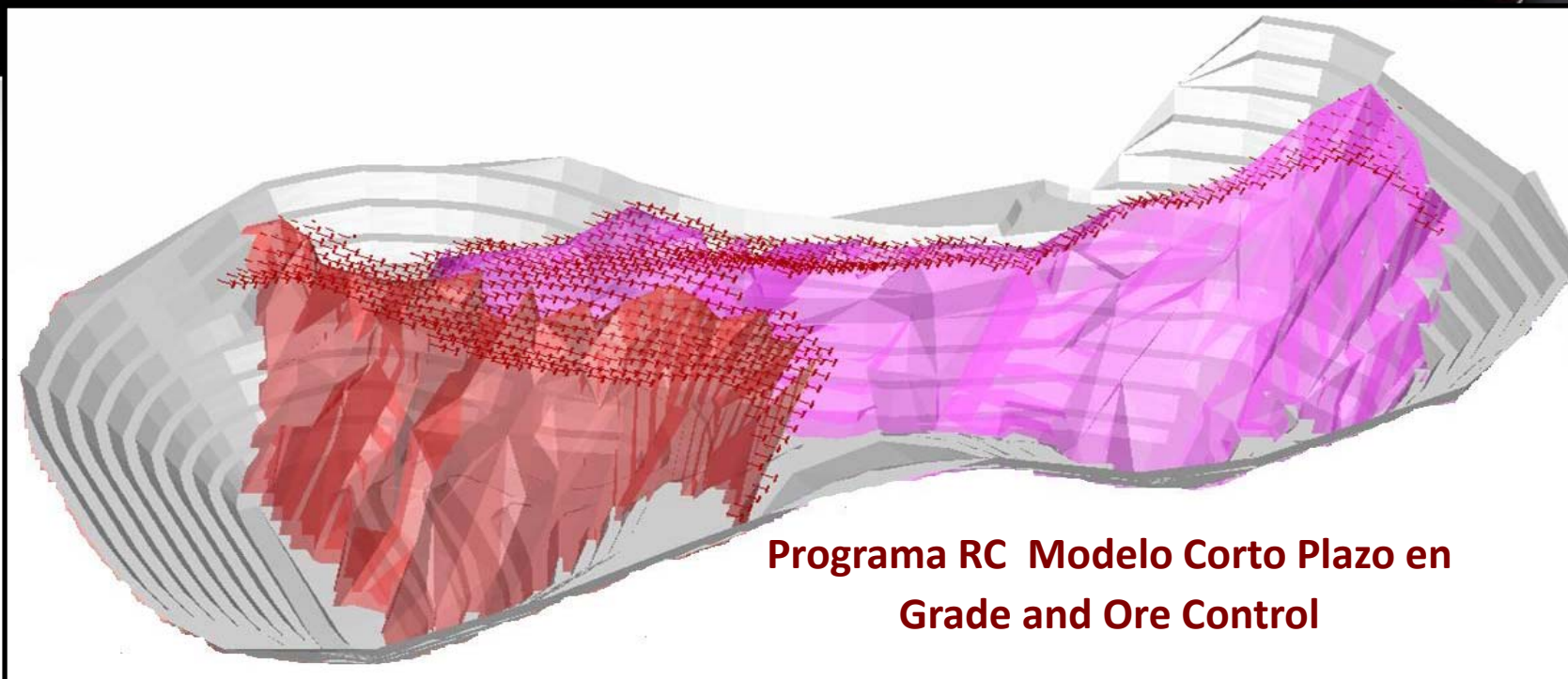


## Key Points

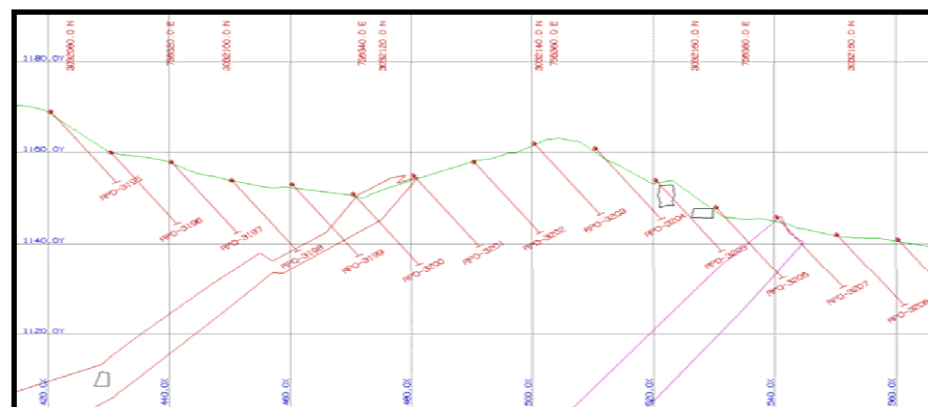
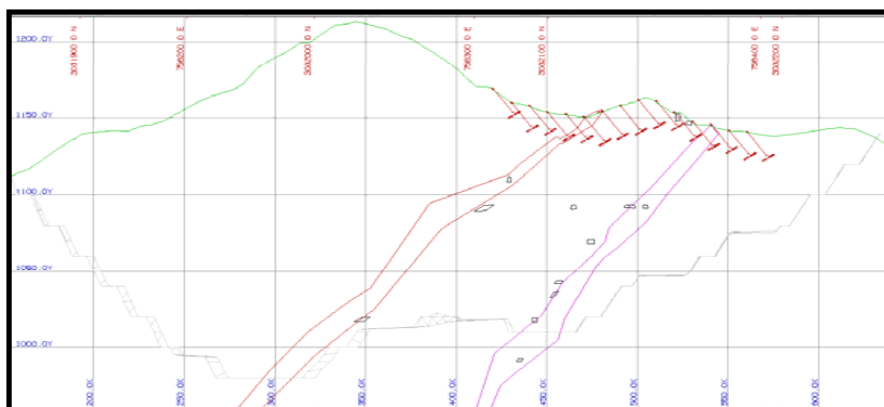
- Reverse Circulation grade control drilling for ore definition – 10m x 10m staggered pattern
- Geologist present for all ore mining (Day Shift only)
- Mapping of pit geology
- Build 3D models of open pit grade control
- Blasthole drill control relative to ore zones
- HW waste mined 1st
- Narrow ore zone mining with excavator for dilution control
- Mining of FW waste last



**COEUR** OPEN PIT ROSARIO-TUCSON  
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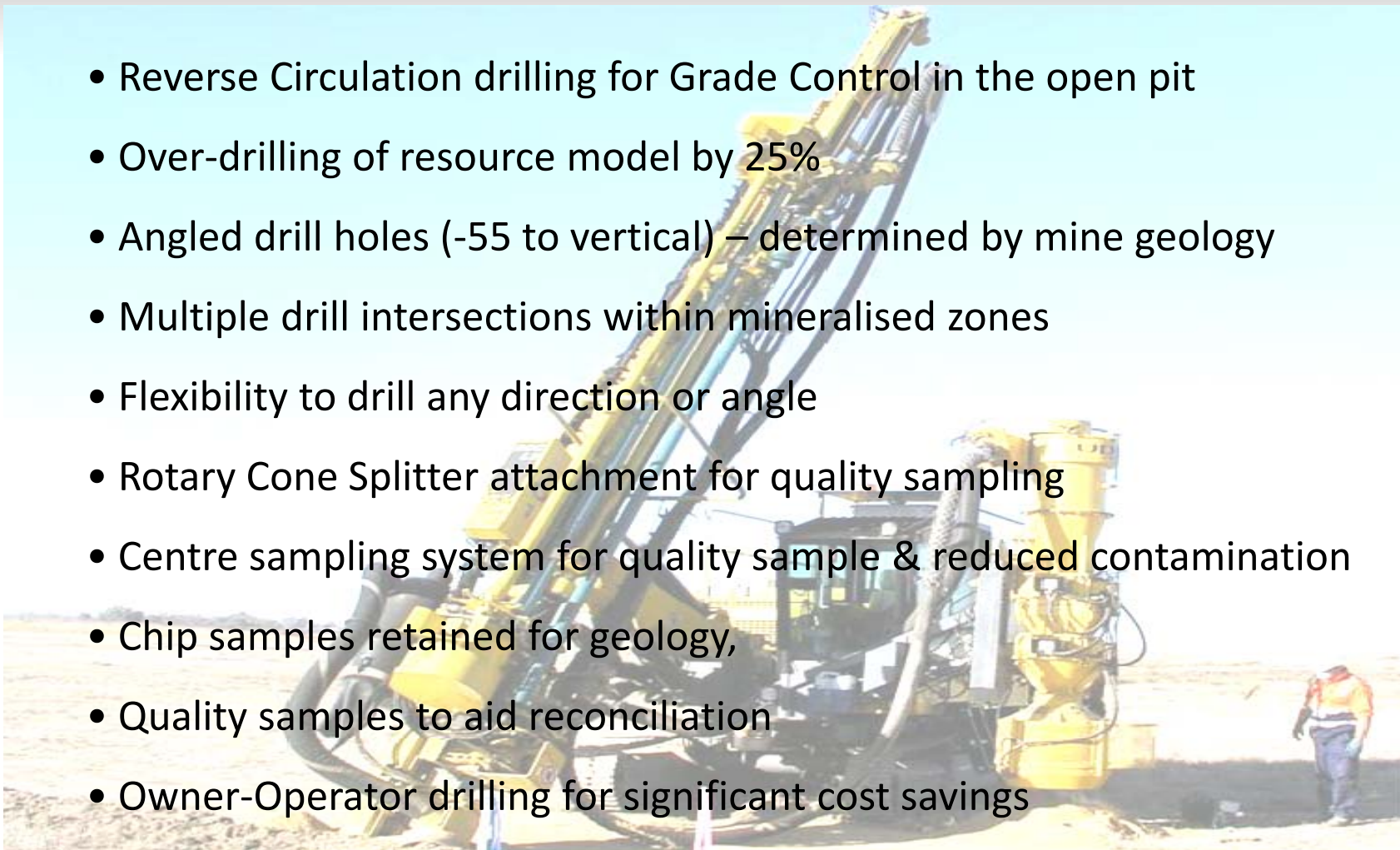
## Programa RC Modelo Corto Plazo en Grade and Ore Control







- Reverse Circulation drilling for Grade Control in the open pit
- Over-drilling of resource model by 25%
- Angled drill holes (-55 to vertical) – determined by mine geology
- Multiple drill intersections within mineralised zones
- Flexibility to drill any direction or angle
- Rotary Cone Splitter attachment for quality sampling
- Centre sampling system for quality sample & reduced contamination
- Chip samples retained for geology,
- Quality samples to aid reconciliation
- Owner-Operator drilling for significant cost savings





# CONTROL OF DILUTION OPEN PIT







- Appointed Resource Modelling Geologist – Feb 09
- Self-sufficient in Resource modelling
- updated every 6 months (July & January)
- Use of grade control infill drilling to enhance grade estimation
- Geostatistical modelling
- Model based on geology & grade information
- Corporate level audit & technical assist as required
- Grade Control vs model reconciliations
- Palmarejo & advanced exploration modelling
- 43-101 technical report input

Good correlation between model geometry and grades





# Mining

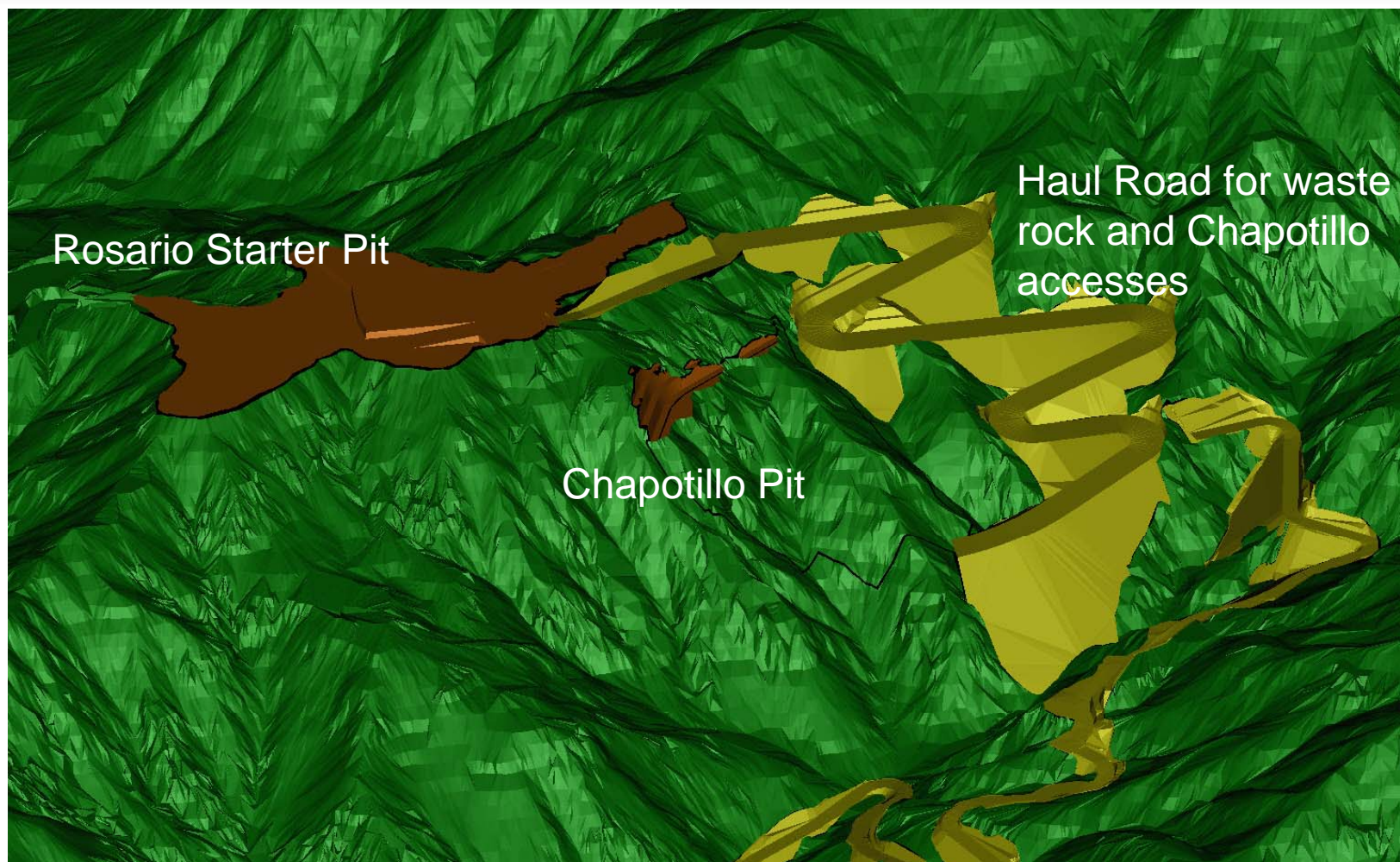
## Greg Blaylock





Excavators	2 x O&K RH120 Front Shovels, 1 x CAT 365C Backhoe
Loader	CAT 992G
Haul Trucks	11 x CAT 777F
Drills	2 x CM-780's, 2 x DML's, 1 x DM45
Dozers	CAT D10T, 2 x CAT D9T
RTD	CAT 824H
Grader	CAT 16 M
Integrated Tool	CAT IT 62H
Water Truck	CAT 770B
Service Truck	1 x Modified CAT 725





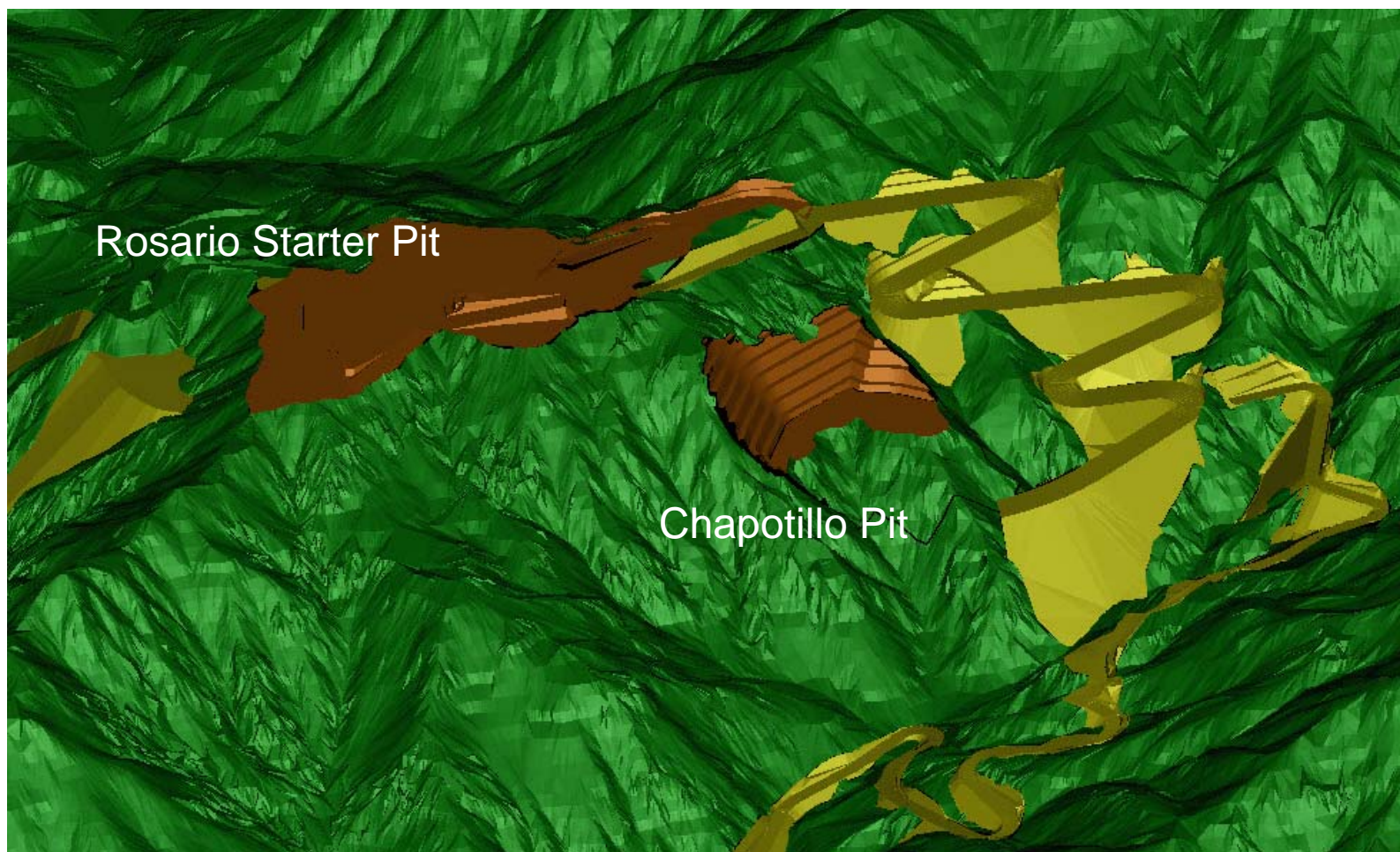


# Open Pit - March 2009



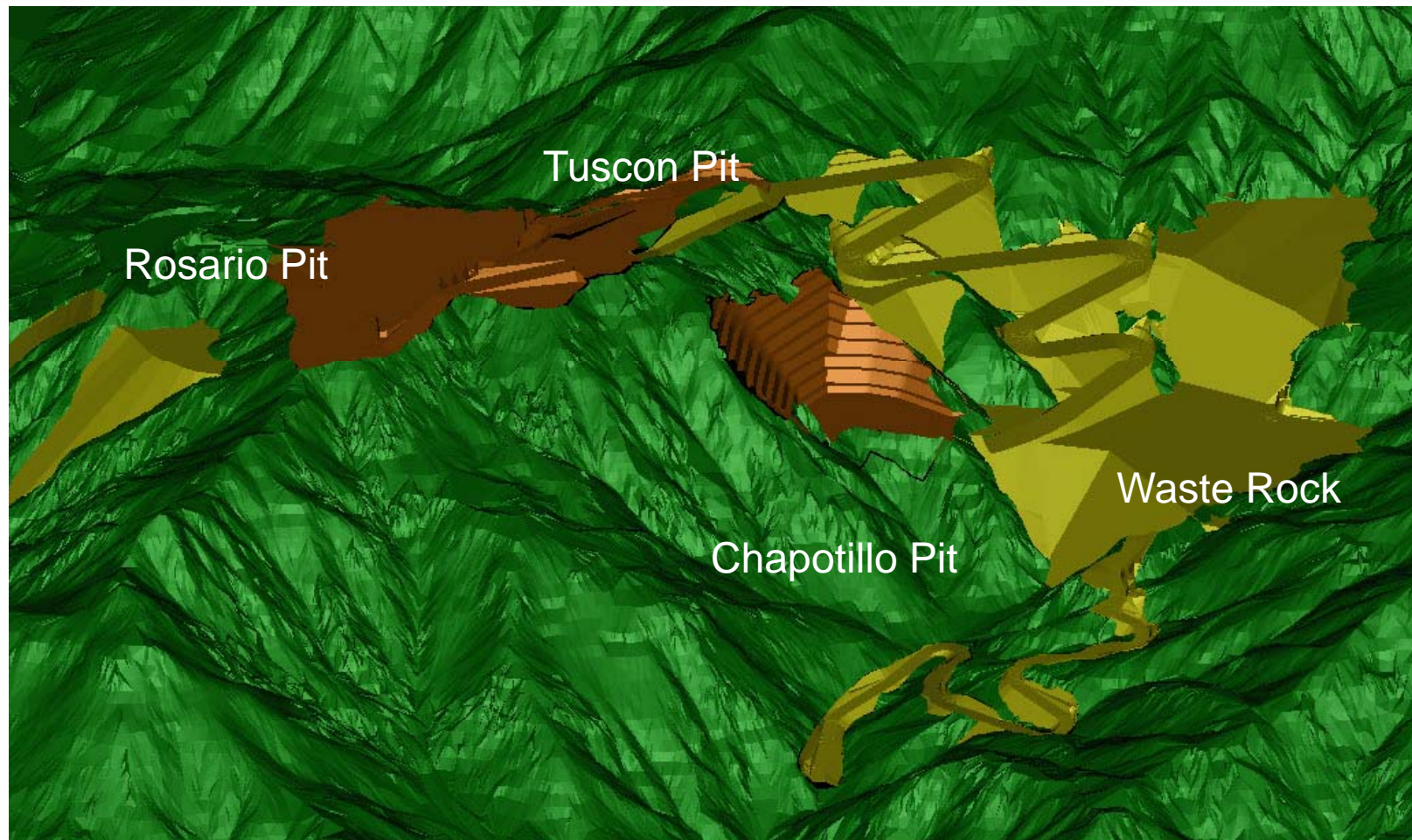


# Planned Open Pit June 2009





# Planned Open Pit December 2009





# Permanent Ore Haul Road Construction



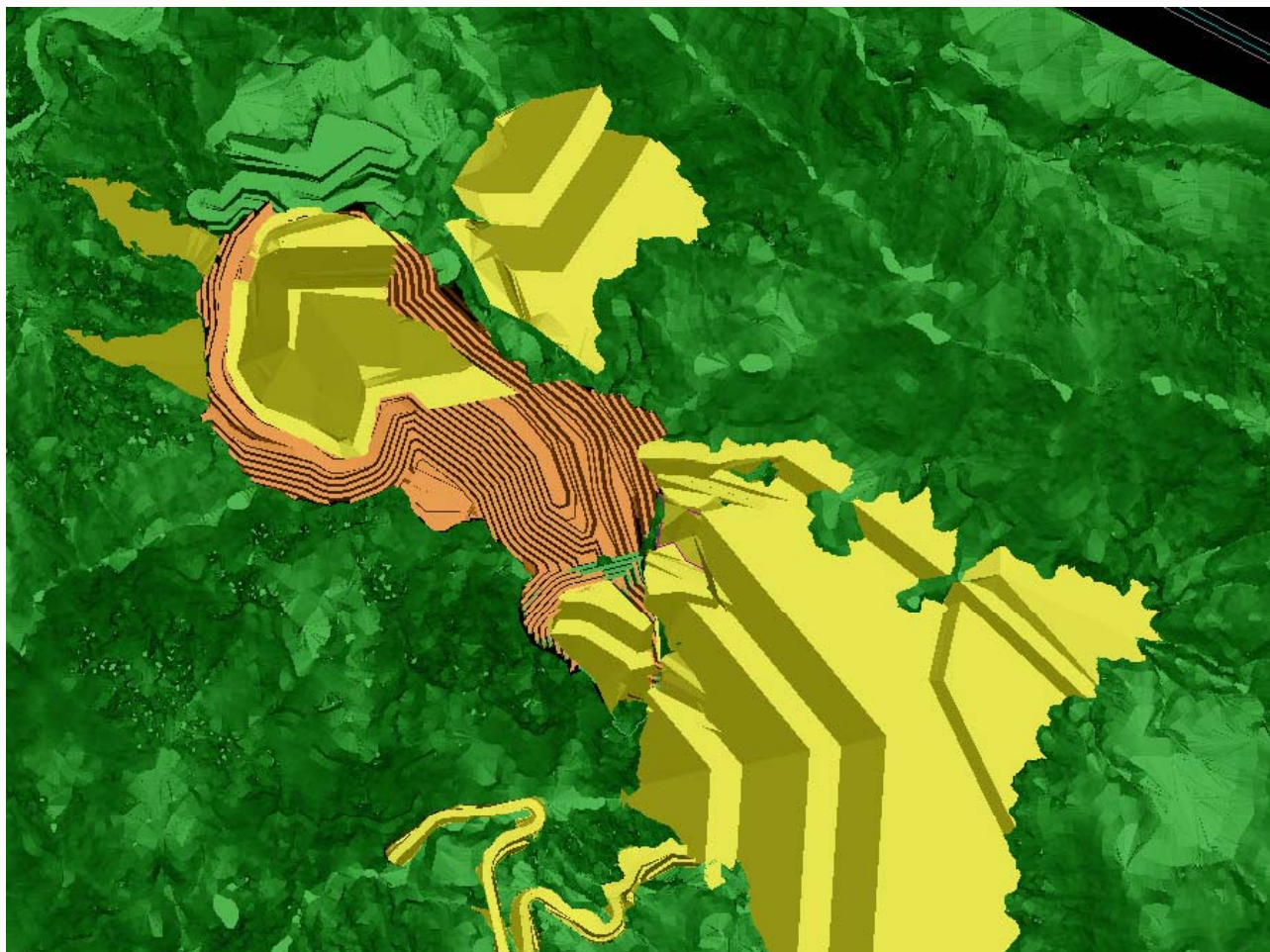


# Planned Open Pit December 2013





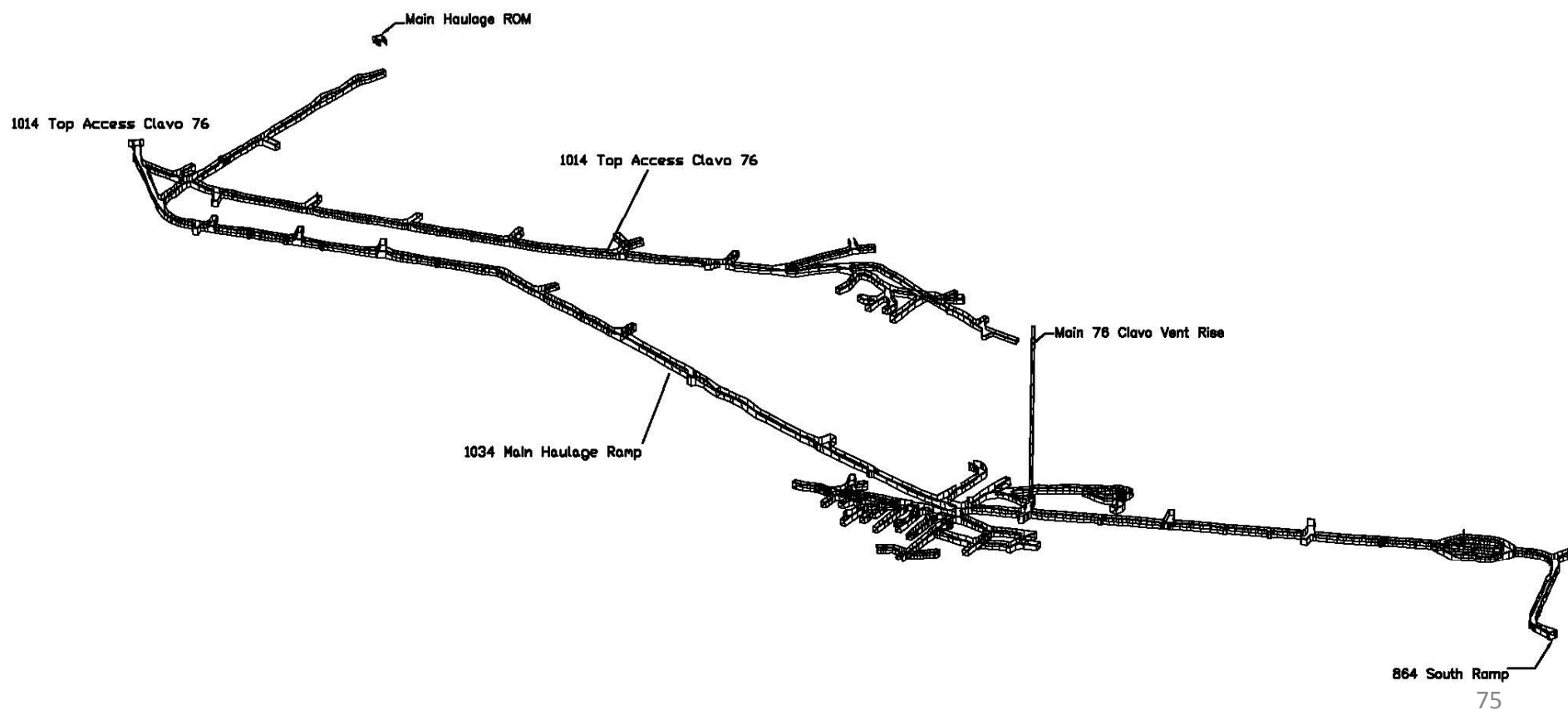
# Planned Open Pit December 2017







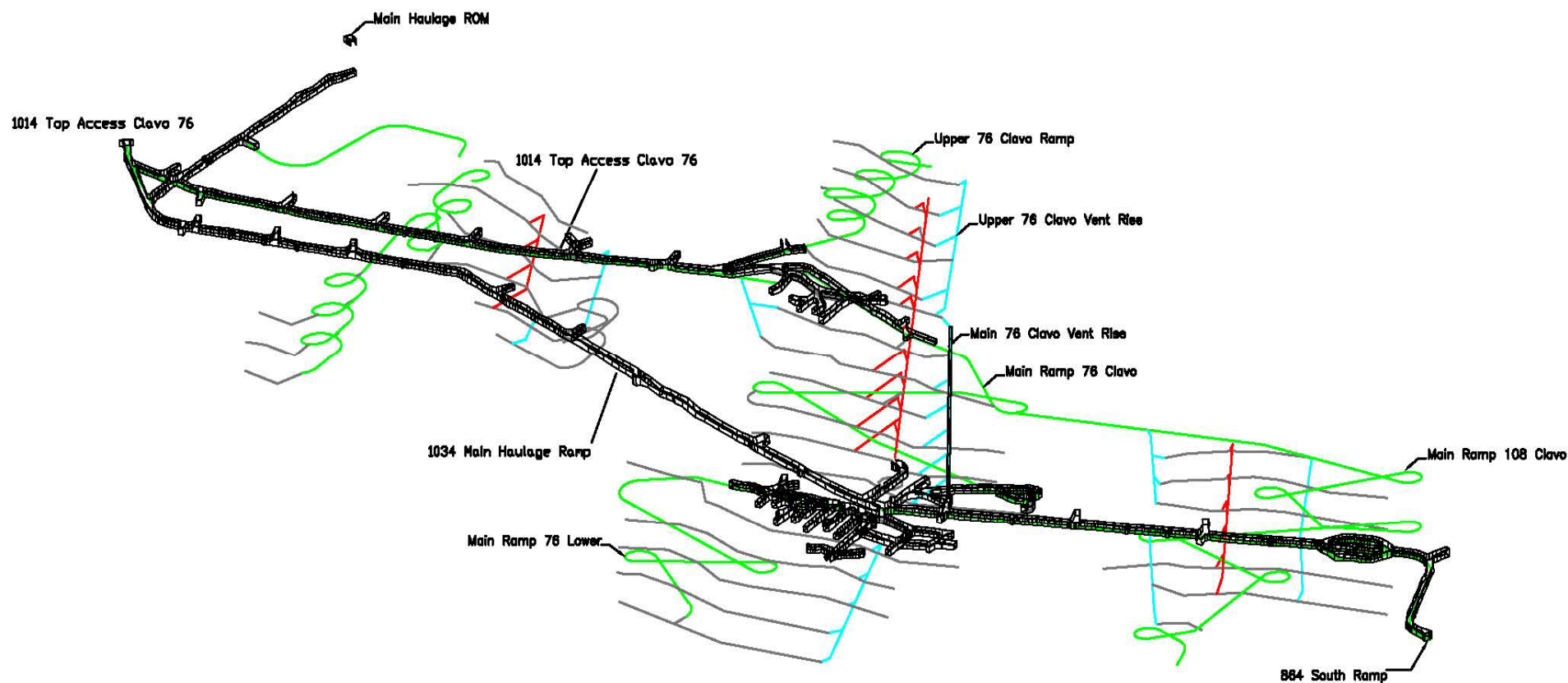
Palmarejo UG as per 19 Marzo 2009







Palmarejo UG as per 19 Marzo 2009







## **Project to date underground development**

Total of 6,410 meters of pre-production development planned.

- Approximately 5,310 meters (83%) achieved end-February project to date.
  - Approximately 2,825 meters by contractor
  - Approximately 2,485 meters by Coeur
- 29.2 meters per day averaged during February (Coeur and contractor)



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# Underground Mining South Portal





# Underground Mining – North (ROM Pad) Portal





# Underground Equipment



## On Site:

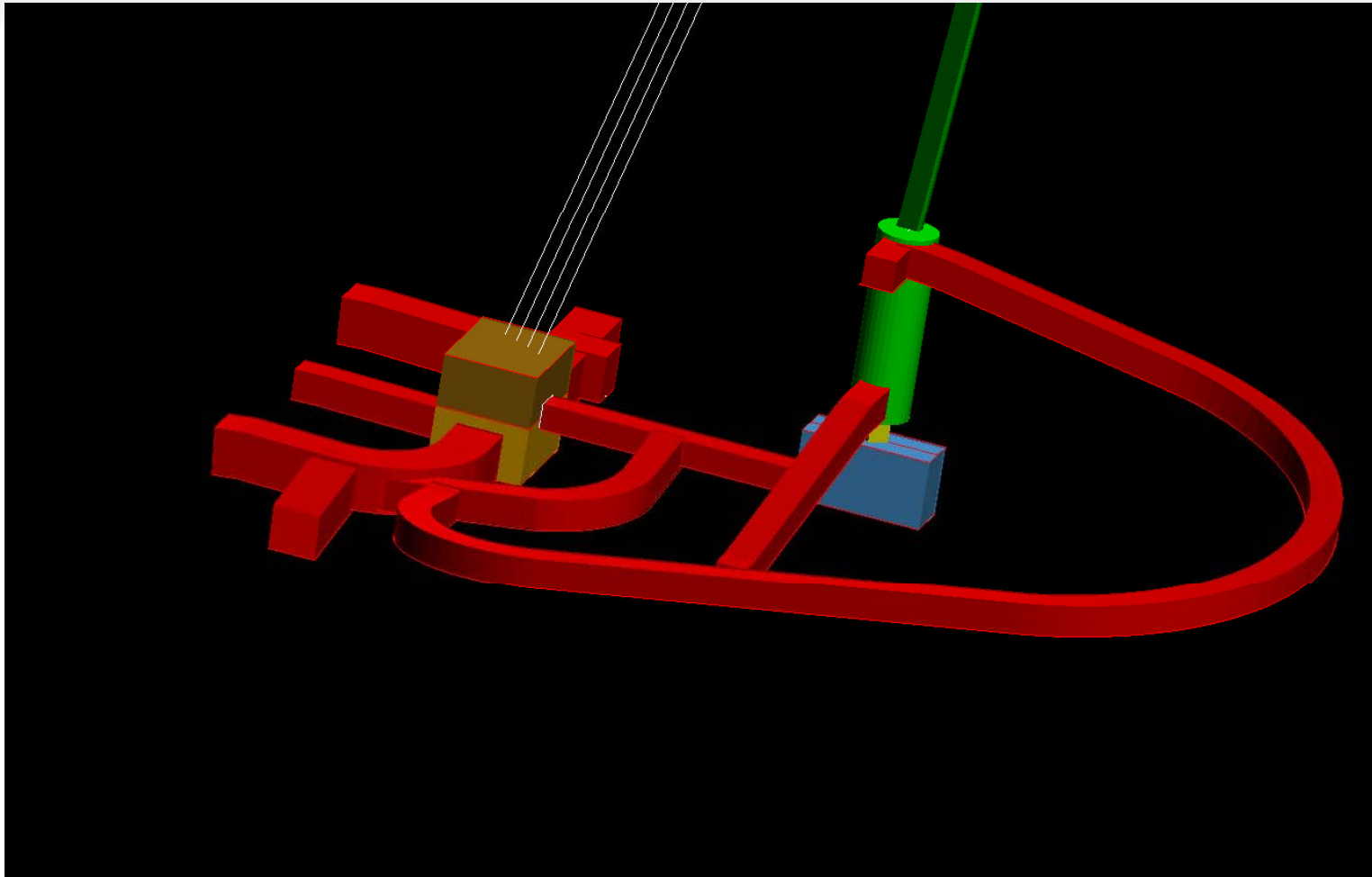
3 x 2 boom jumbos  
1 x 1 boom jumbo  
3 x 8 yd scoops  
1 x 4 yd scoop  
2 x 45 ton trucks  
2 x 40 ton trucks  
1 x 30 ton truck  
1 x longhole drill  
1 x powder truck  
1 x lube truck  
1 x bolter  
1 x pallet handler  
3 x scissor lifts  
1 x road grader  
1 x D4 dozer  
5 x Kawasaki mules

## Ordered, Pending Delivery:

1 x 1 boom jumbo  
1 x longhole/service hole drill  
2 x 30 ton trucks  
1 x 4 yd scoop  
2 x 6 yd scoops  
1 x forklift with cable hanging basket

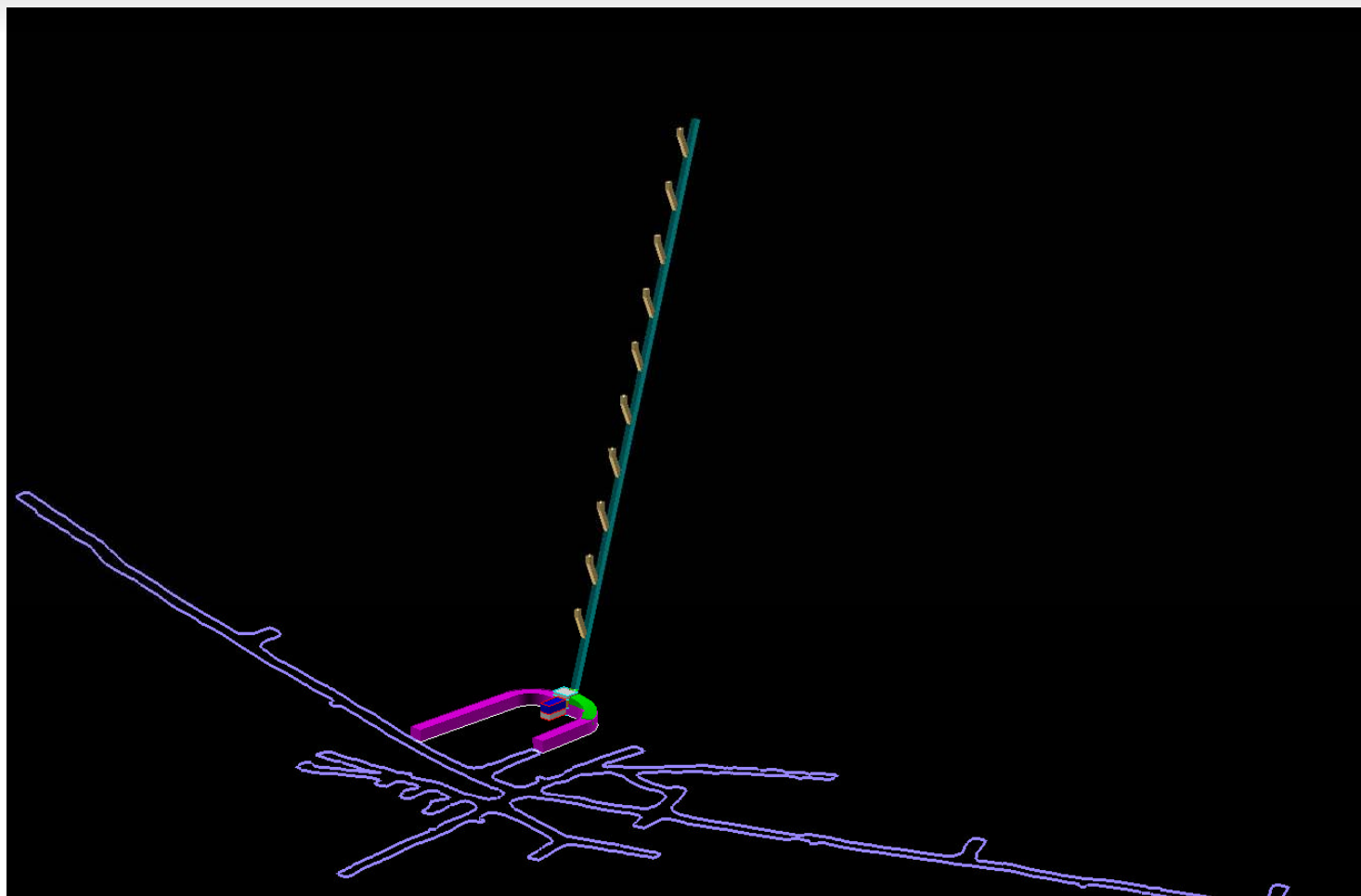


# CRF Plant - Underground





# Orepass and Truck Chute Concept







## Open Pit

- Haul road to tailings dam on schedule.
- Permanent haul road to ROM pad under construction
- Truck shop/warehouse bid package under review

## Underground

- CRF plant design underway.
- Ventilation review and update – short-term development and life-of-mine requirements
- Mine Communications and Tracking – broadband system under evaluation
- Emergency refuge chamber excavations underway.

Underground and open pit remain on target to deliver



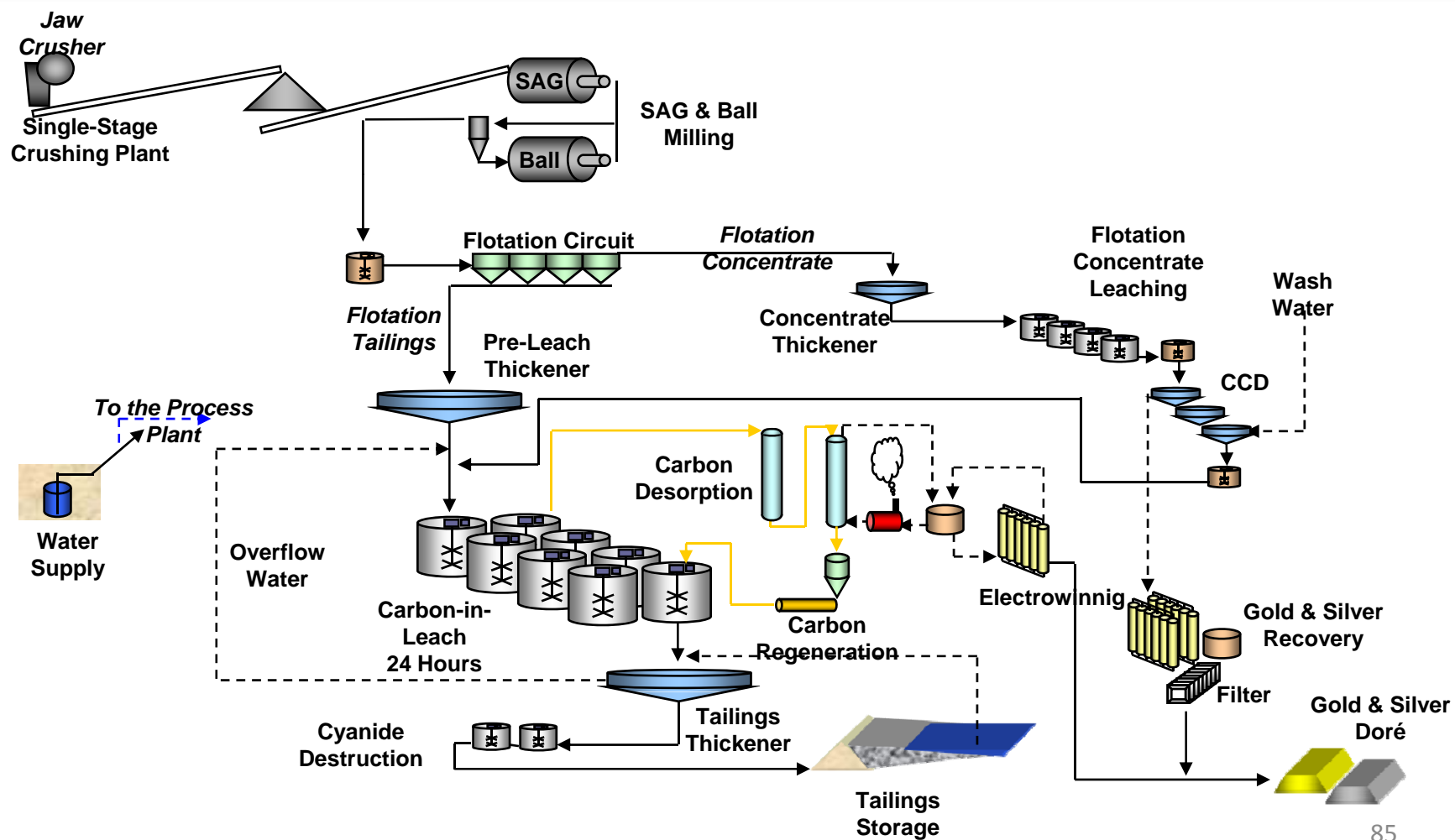


# Processing

## Clint Donkin



# Process Plant Schematic





## Good Metal Recovery

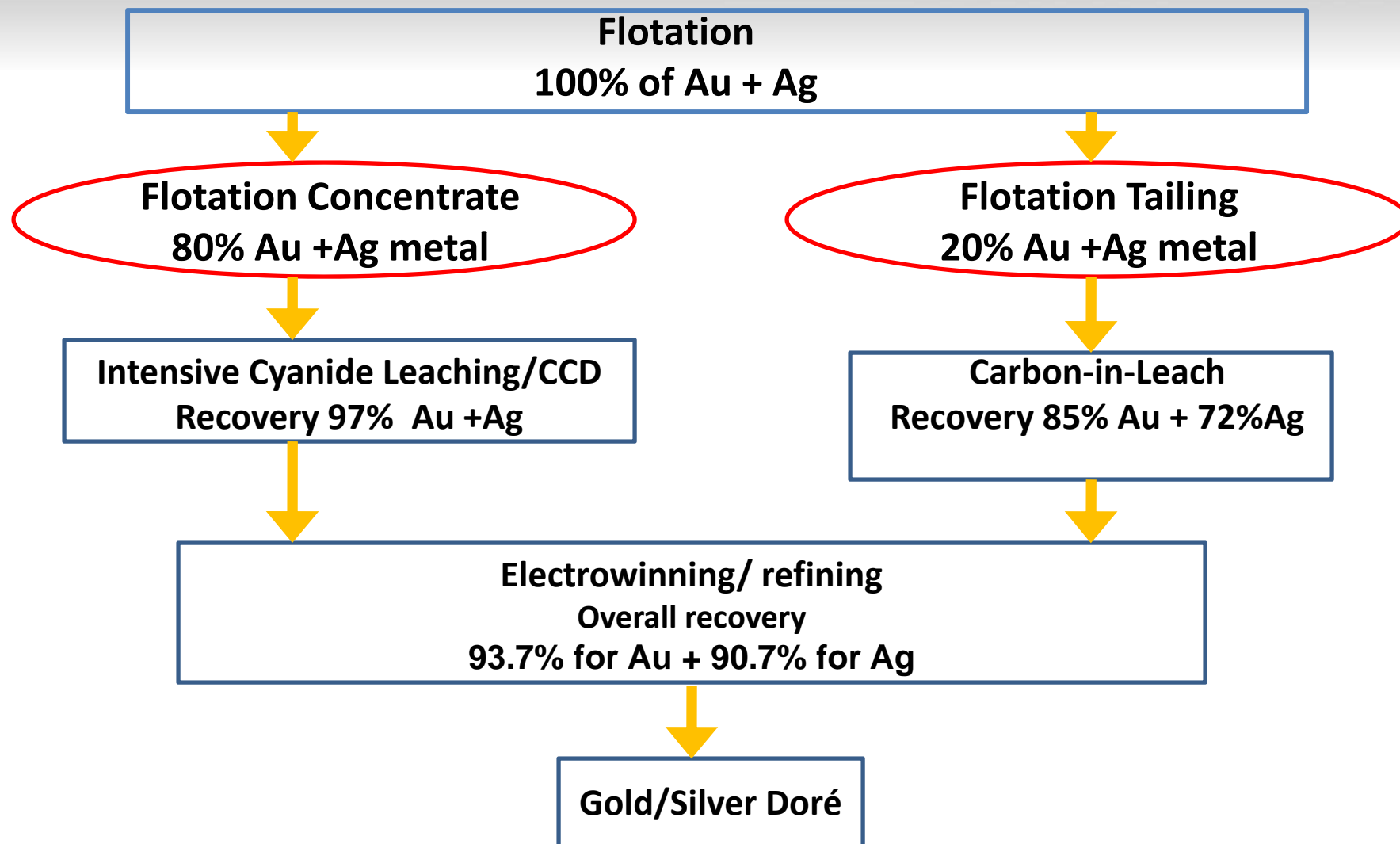


### **Metallurgical Testwork indicates :**

- Leaching flotation concentrate and tail separately allows high silver recovery
- Flotation concentrate is leached under intensive conditions for fast and high extraction
- Approximately 20% of silver has to be recovered via Carbon-in-Leach
- Approximately 80% of gold and silver is recoverable to a concentrate by flotation
- Approximately 97% of the metal in the concentrate is recoverable by intensive cyanidation
- Approximately 85% of the gold & 72% of the silver in the flotation tail is recoverable by CIL
- Overall recovery expected to range from 93.2% to 94% for gold & 87.9% to 91.7% for silver.

Plant recovery should meet testwork results











# Crusher and Reclaim









## Flotation Area





# COEUR Flotation Thickener and Lime Silo

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# COEUR Concentrate Leach and Reagents

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# Refinery







# **Infrastructure and Tailings Storage**

## **Richard Weston**





## **Power Supply**

- An onsite diesel power station has been constructed with an installed capacity of 21.6MW and is now operational .
- To reduce the reliance on diesel supply an alternative 115kV power supply line, connected to the main grid is currently being constructed. This is due for completion during 3<sup>rd</sup> quarter 2009 and will become the primary source of power.

## **Water Supply**

There will be two main sources for water supply:

1. Water sourced from gravels adjacent to the Chinipas River, and pumped 20 kms to site has been completed and operating and is capable of supplying all processing water requirements.
2. Reclaim water from the tailings storage facilities and two water storage dams; this is under construction.
3. Hydrological studies have indicated that once completed the Water Storage Dam will meet all of the future site requirements.





## **Tailings Storage Facility**

- An Initial tailings Storage facility ( ITD) has been constructed to store tailings.
- During the initial tailings storage period the Final Tailings Facility (FTD) will be constructed in Stages as required for adequate tailings storage. The FTD will have the capacity to hold all planned production needs.

## **Water Storage Facilities**

There will be two main water supply dams;

- the Environmental Control Dam and the main Fresh Water Dam.
- The ECD will serve as a secondary water storage facility, the main source being the larger FWD. Total water storage in excess of 1 million cubic metres.

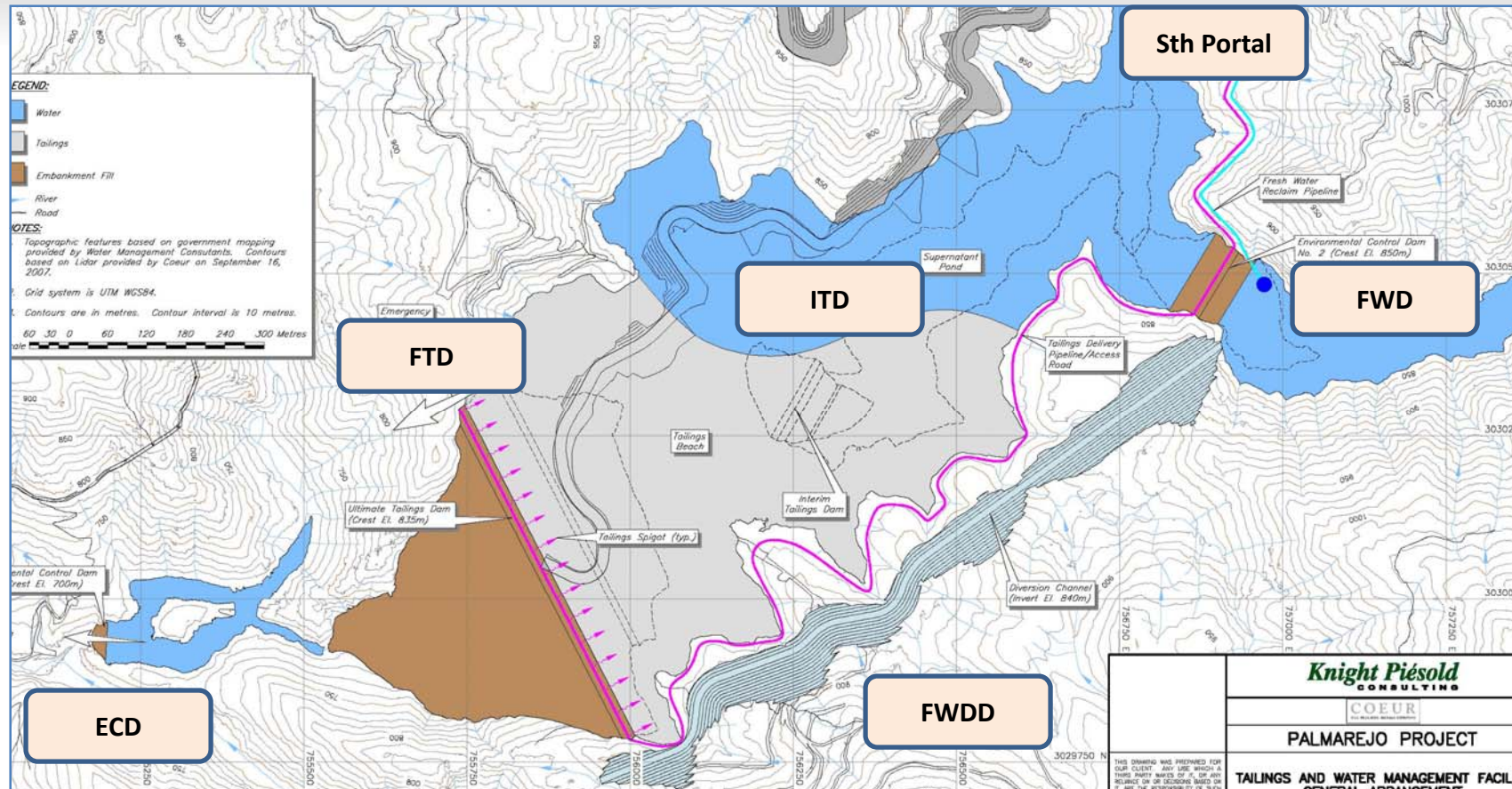
## **Construction Methods**

The ITD, FTD and FWD are all earth and rock embankments with impermeable membranes.

The ECD is a Roller Compacted concrete (RCC) structure.

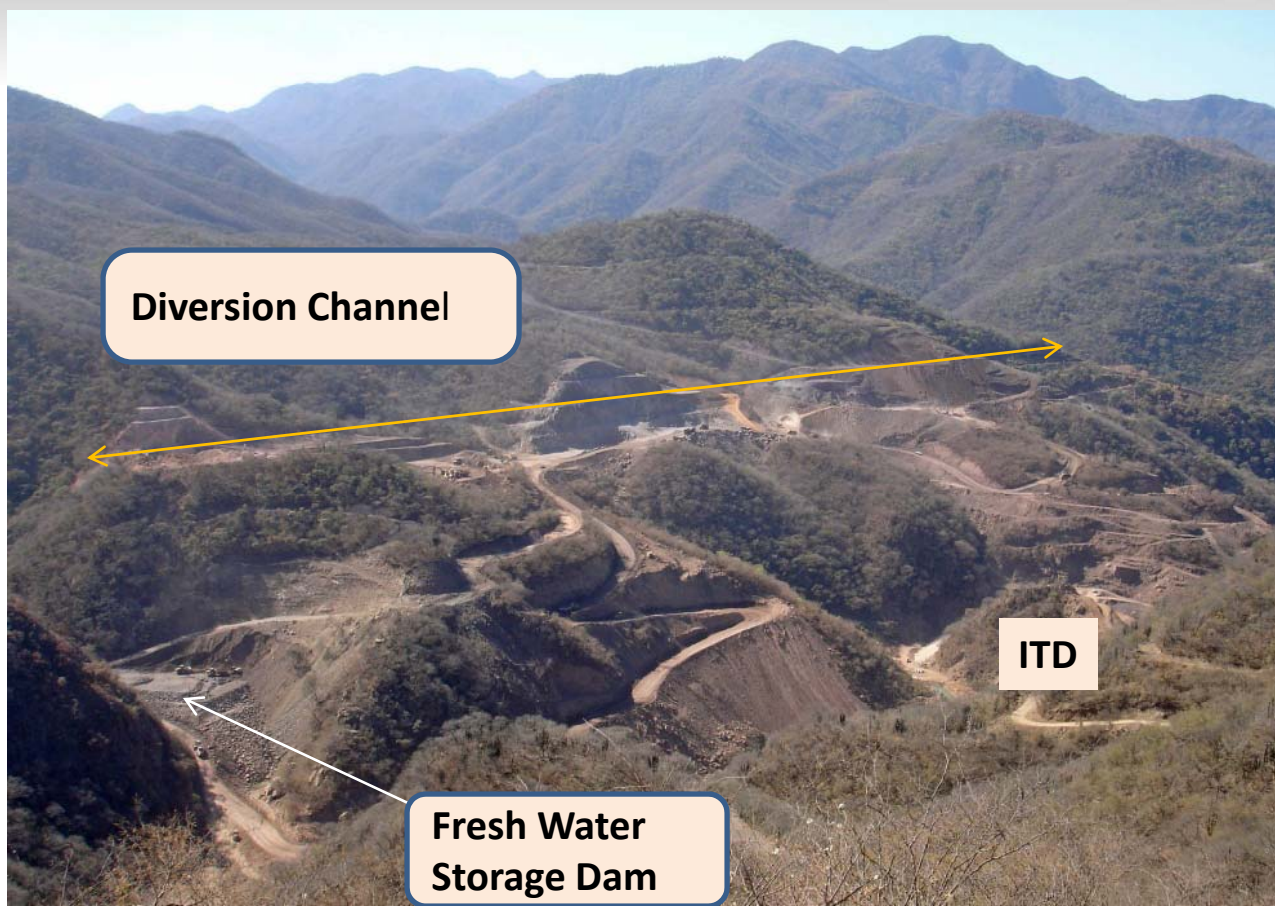


# Tailings and Water Storage Layout





# Water Storage Dam



Construction on target for May completion



# Interim Tailings Facility



Impermeable membrane



Stage2 complete May

Stage 1 complete, currently storing tailings



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# Environmental Control Dam







## Palmarejo:

- mine personnel requirements completed
- Open pit performing as planned
- Underground performing as planned
- Commissioning on track for commercial production
- Expect to commence production on 1<sup>st</sup> quarter 2009
- On track to produce 2009 targets.



# *Los Bancos*



Clave/Area	Hole Id	Mineralized Intercept (m)				Assays (g/t)	
		From	To	Length	True Width	Au	Ag
Los Bancos	LBDH_002	106.7	109.7	3.1	1.4	0.00	236
Los Bancos	LBDH_006	155.5	164.6	9.1	3.1	0.91	243
Los Bancos	LBDH_007	263.7	265.2	1.5	1.2	0.38	202
Los Bancos	LBDH_008	143.3	144.8	1.5	0.8	0.16	164
Los Bancos	LBDH_013	225.6	227.1	1.5	1.0	0.95	352
Los Bancos	LBDH_025	219.5	234.7	15.2	8.1	2.58	390
Los Bancos	LBDH_025	240.8	248.4	7.6	4.0	0.73	193

Minimum grade used for composite is 2.5 gram per ton Au Eq, at 57 Ag to 1 Au, over at least 0.1 m and allowing 4 m of internal waste.





# Proven and Probable Reserves

MINERAL RESERVES						
YEAR END 2008	LOCATION	SHORT TONS (000s)	GRADE (Oz/Ton)		OUNCES (000s)	
			SILVER	GOLD	SILVER	GOLD
PROVEN RESERVES						
Rochester	Nevada, USA	-	-	-	-	-
Cerro Bayo	Chile	-	-	-	-	-
Martha	Argentina	18	55.86	0.07	992	1.2
San Bartolome	Bolivia	160	6.35	-	1,015	-
Kensington	Alaska, USA	199	-	0.38	-	76
Endeavor	Australia	3,417	1.47	-	5,019	-
Broken Hill	Australia	6,431	1.58	-	10,185	-
Palmarejo	Mexico	6,840	5.09	0.06	34,844	406
Total		17,064			52,055	483
PROBABLE RESERVES						
Rochester	Nevada, USA	-	-	-	-	-
Cerro Bayo	Chile	547	10.18	0.07	5,564	38
	Argentina	58	31.22	0.04	1,817	2.1
San Bartolome	Bolivia	35,147	3.81	-	134,015	-
Kensington	Alaska, USA	5,301	-	0.26	-	1,402
Endeavor	Australia	5,842	3.55	-	20,753	-
Broken Hill	Australia	4,616	1.05	-	4,861	-
Palmarejo	Mexico	5,355	5.37	0.07	28,732	350
Total		56,866			195,742	1,792
PROVEN AND PROBABLE RESERVES						
Rochester	Nevada, USA	-	-	-	-	-
Cerro Bayo	Chile	547	10.18	0.07	5,564	38
Martha	Argentina	76	36.99	0.04	2,809	3.3
San Bartolome	Bolivia	35,307	3.82	-	135,030	-
Kensington	Alaska, USA	5,500	-	0.27	-	1,478
Endeavor	Australia	9,259	2.78	-	25,772	-
Broken Hill	Australia	11,047	1.36	-	15,046	-
Palmarejo	Mexico	12,195	5.21	0.06	63,576	756
Total Proven and Probable		73,931			247,797	2,275

Effective December 31, 2008 except Endeavor and Broken Hill effective June 30, 2008

Mineral Resources are in addition to Mineral Reserves and have not demonstrated economic viability

Metal prices used for mineral reserves were \$13.25 per ounce of silver and \$750 per ounce of gold except Endeavor at \$12.00 per ounce of silver, Broken Hill at \$2.22 per ounce of silver.

For details on the estimation of mineral resources and reserves for each property, please refer to the Technical Report on file at [www.sedar.com](http://www.sedar.com)





# Measured and Indicated Resources

MINERAL RESOURCES						
YEAR END 2008	LOCATION	SHORT TONS (000s)	GRADE (Oz/Ton)		OUNCES (000s)	
			SILVER	GOLD	SILVER	GOLD
MEASURED RESOURCES						
Rochester	Nevada, USA	83,179	0.52	0.005	43,640	408
Cerro Bayo	Chile	316	9.50	0.15	3,005	49
Martha	Argentina	1	32.03	0.03	32	0.03
San Bartolome	Bolivia	-	-	-	-	-
Kensington	Alaska, USA	680	-	0.25	-	169
Endeavor	Australia	10,577	1.47	-	15,580	-
Broken Hill	Australia	3,209	5.16	-	16,560	-
Palmarejo	Mexico	5,386	3.44	0.04	18,515	237
Total		103,348			97,332	863
INDICATED RESOURCES						
Rochester	Nevada, USA	30,879	0.59	0.004	18,170	123
Cerro Bayo	Chile	592	9.83	0.13	5,816	74
Martha	Argentina	45	29.44	0.02	1,314	1.1
San Bartolome	Bolivia	37,087	1.75	-	64,845	-
Kensington	Alaska, USA	2,044	-	0.16	-	325
Endeavor	Australia	7,551	0.24	-	1,822	-
Broken Hill	Australia	3,167	3.86	-	12,222	-
Palmarejo	Mexico	9,987	3.49	0.04	34,808	439
Total		91,351			138,997	962
MEASURED AND INDICATED RESOURCES						
Rochester	Nevada, USA	114,058	0.54	0.005	61,810	531
Cerro Bayo	Chile	908	9.71	0.14	8,821	123
Martha	Argentina	46	29.50	0.02	1,346	1.1
San Bartolome	Bolivia	37,087	1.75	-	64,845	-
Kensington	Alaska, USA	2,724	-	0.18	-	494
Endeavor	Australia	18,127	0.96	-	17,402	-
Broken Hill	Australia	6,376	4.51	-	28,782	-
Palmarejo	Mexico	15,373	3.47	0.04	53,323	676
Total Measured and Indicated		194,699			236,329	1,825

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# Inferred Resources

MINERAL RESOURCES						
YEAR END 2008	LOCATION	SHORT TONS (000s)	GRADE (Oz/Ton)		OUNCES (000s)	
			SILVER	GOLD	SILVER	GOLD
INFERRED RESOURCES						
Rochester	Nevada, USA	-	-	-	-	-
Cerro Bayo	Chile	1,341	-	0.12	14,436	157
Martha	Argentina	33	46.96	0.05	1,528	1.7
San Bartolome	Bolivia	1,177	1.38	-	1,628	-
Kensington	Alaska, USA	742	-	0.37	-	273
Endeavor	Australia	772	2.83	-	2,183	-
Broken Hill	Australia	6,735	1.62	-	10,913	-
Palmarejo	Mexico	23,799	2.46	0.04	58,508	880
Total		34,599			89,196	1,312

Effective December 31, 2008 except Endeavor and Broken Hill effective June 30, 2008

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