MIRASOL RESOURCES
Focused on gold & silver discovery

Precious Metal Project Generator
Primed for Discovery

TSX.V: MRZ
OTCPK: MRZLF

July 2016
Stephen Nano President & CEO

MIRASOL RESOURCES

Cautionary Statement

This presentation contains certain statements that may be deemed "forward-looking statements". All statements in this release, other than statements of historical fact, that address future production, reserve potential, exploration drilling, exploitation activities and events or developments that the Company expects to occur, are forward looking statements. Forward looking statements are statements that are not historical facts and are generally, but not always, identified by the words "expects", "plans" "anticipates", "believes", "intends", "estimates", "projects", "potential" and similar expressions, or that events or conditions "will", "would", "may", "could" or "should" occur. Information inferred from the interpretation of drilling results and information concerning mineral resource estimates may also be deemed to be forward looking statements, as it constitutes a prediction of what might be found to be present when and if a project is actually developed. Although the Company believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and actual results may differ materially from those in the forward-looking statements. Factors that could cause the actual results to differ materially from those in forward-looking statements include market prices, exploitation and exploration successes, and continued availability of capital and financing, and general economic, market or business conditions. Investors are cautioned that any such statements are not guarantees of future performance and actual results or developments may differ materially from those projected in the forward-looking statements. Forward looking statements are based on the beliefs, estimates and opinions of the Company's management on the date the statements are made. The Company undertakes no obligation to update these forward-looking statements in the event that management's beliefs, estimates or opinions, or other factors, should change.

This presentation may use the term "indicated resource". The Company advises investors that although this term is recognized and required by Canadian securities regulations (under National Instrument 43-101 "Standards of Disclosure for Mineral Projects"), the US Securities and Exchange Commission does not recognize this term. Investors are cautioned not to assume that any part of or all of the mineral deposits in these categories will ever be converted into reserves.

Stephen Nano, President and CEO for the Company and a "Qualified Person" under National Instrument 43-101, has reviewed and approved the scientific and technical information in this presentation.

Macro Patterns, Drivers for the Project Generation Business Model

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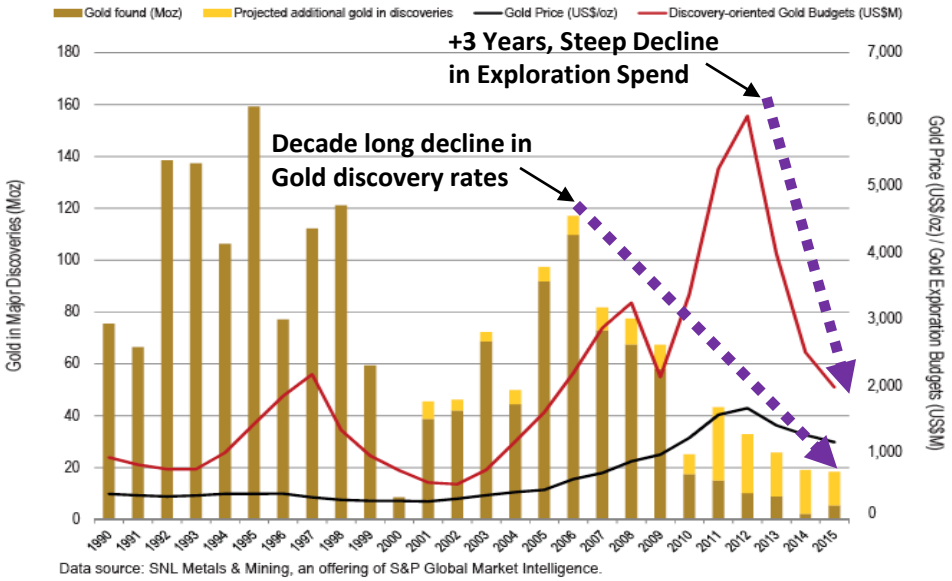

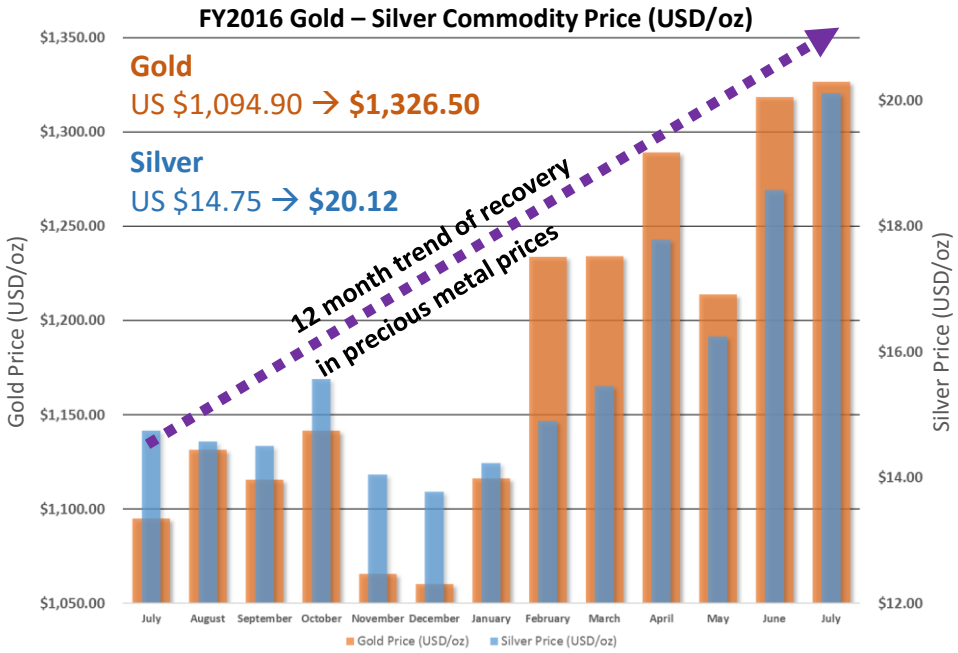

Decade long decline in discovery rates of minable ounces of gold

→ May equate to 60 million ounces per year short fall

Major decline in exploration spend of last 3 years

→ Exploration and generative teams disbanded
→ Fewer new exploration projects

12 month trend of improved gold and silver prices

→ Improving profit margins for producers
→ Money starting to flow into new greenfields projects

Demand for quality exploration projects → Driver for Mirasol's project generation business model

Mirasol Resources: in Summary

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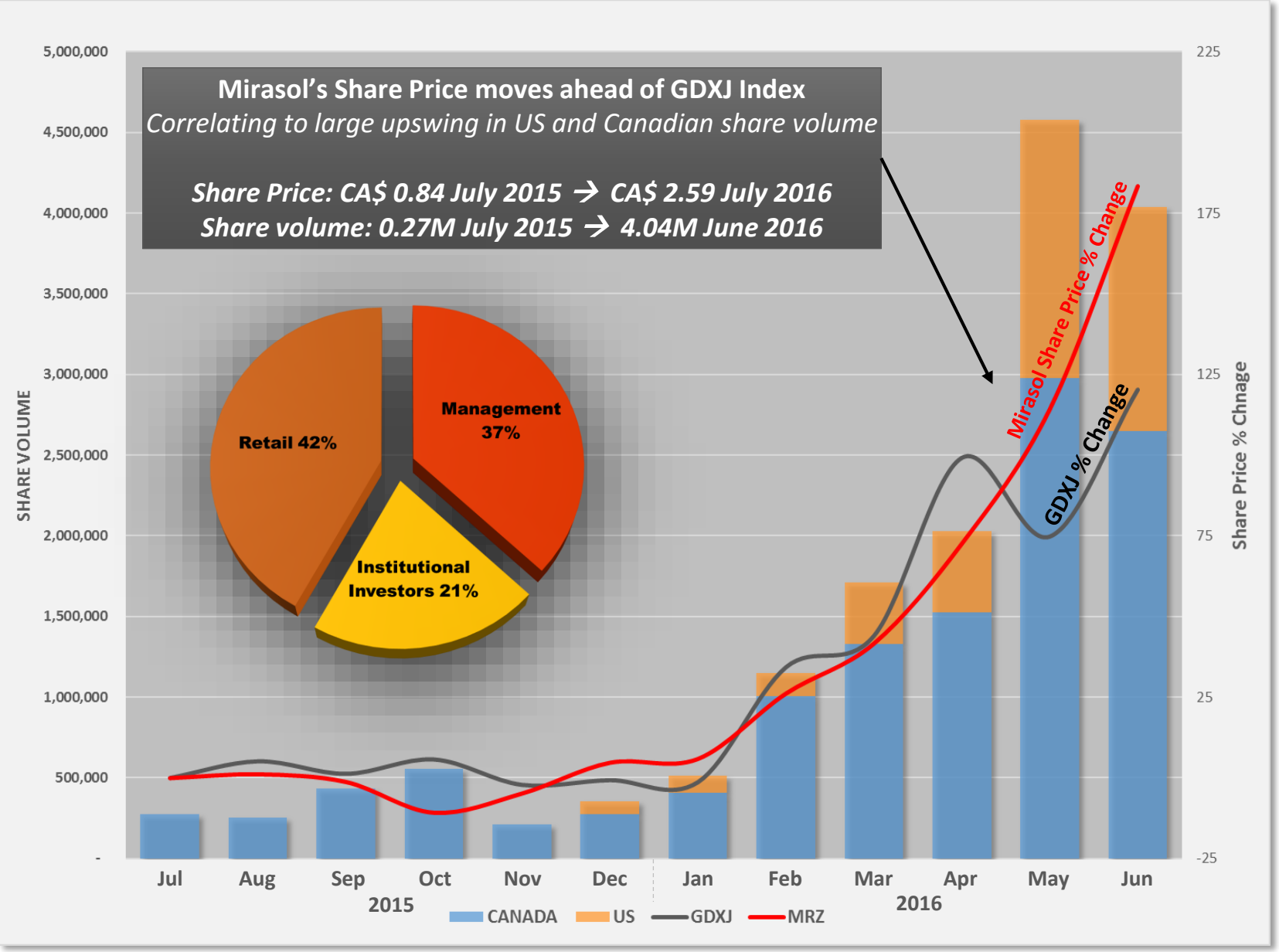

- Canadian listed project generator focused on gold and silver discovery in Chile and Argentina
- Well funded CA $18.7M Cash in Bank (May FS 2016)
- Conservative capital structure
  - 44.7 M shares outstanding
  - 47.2 M fully diluted (2.5 million options)
- Leading edge technology and discovery team
- Active JVs – strong partners, strong projects, strong deals
- Additional drill ready projects – focused on new JV deals
- New large pipeline of quality gold and silver projects in Chile / Argentine highly prospective mineral belts

→ **Share price is responding strongly to positive JV drill results and improving market conditions**

Mirasol Resources: Industry Leading Board and Management

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Dana Prince
Chairman

Stephen Nano
Director

Tim Heenan
Director

John Tognetti
Director

Nick DeMare
Independent Director

Borden Putnam
Independent Director

Board – strong finance and share market and resource industry backgrounds

Quality Management / Exploration Team

- Stephen Nano – Founder/CEO/President/Technical QP
- Tim Heenan – Founder/Chile and Argentina Exploration Manager
- Damien Koerber – Chile and Argentina Business Development
- Dr Leandro Echavarria – Principal Exploration Geologist Americas
- Daryl Nunn – Principal Generative Geologist
- Quality team of in-country explorationists

High calibre technical team
Leading edge exploration technologies
Discovery track record in Chile and Argentina

- John Toporowski – Manager Investor Relations → **Commitment to keep our shareholders informed**

Mirasol Resources: Strong Track Record for Wealth Creation Through Discovery

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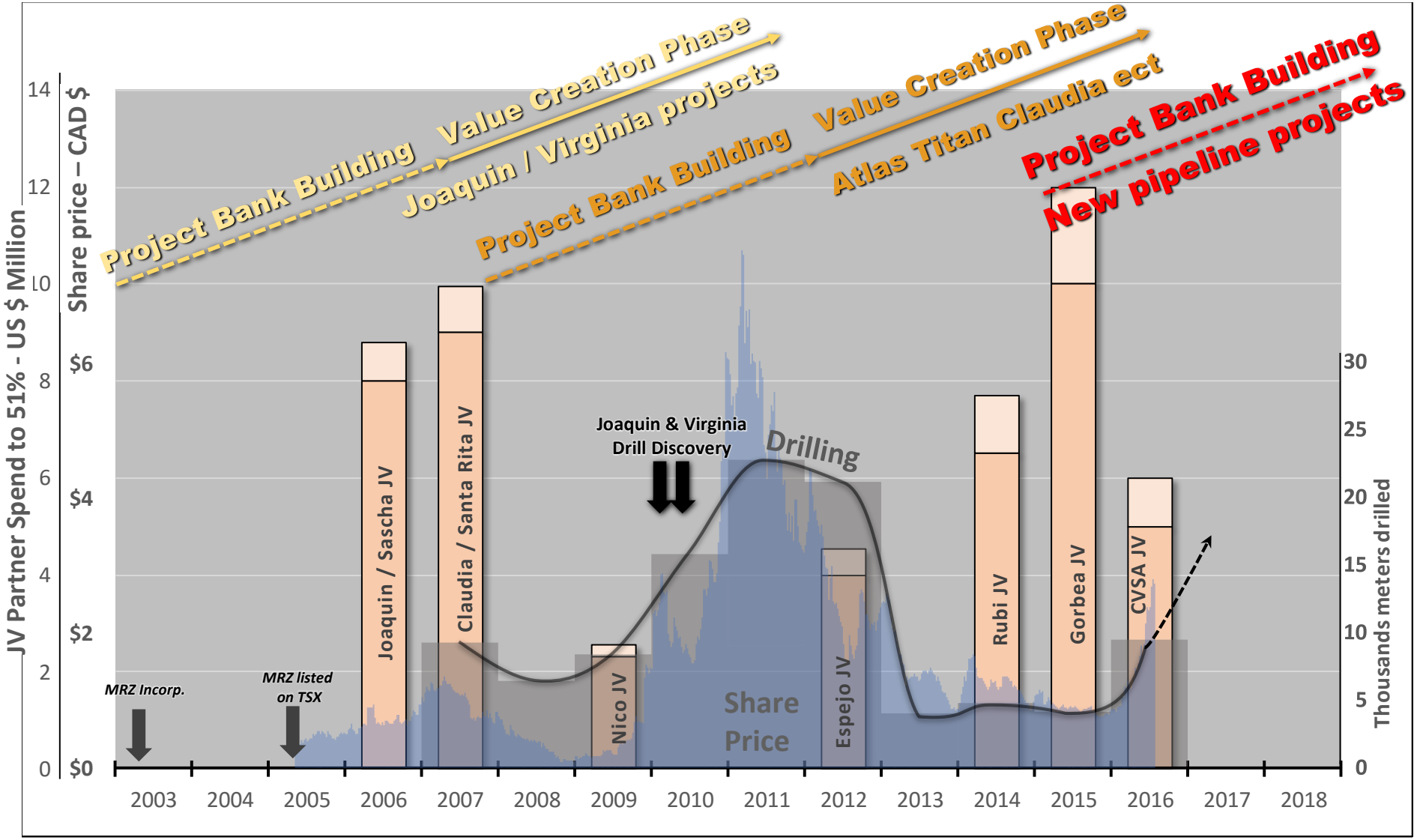

FY 2015/16 - Leveraging existing quality project bank through JV's for drill testing

- 2 active quality JVs
- 9,500 m of JV drilling completed in FY 2016
- CA$ 5.4M JV spend in FY 2016
- Delivering encouraging Au+Ag drill results Atlas and Claudia
- Seeking partners for additional JV ready projects
- New pipeline of quality project in premier mineral belts

→ Primed to take advantage of improving markets

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MIRASOL PROJECT GENERATION

Generative Program
Targeting giant gold-silver-copper discoveries
Delivering new projects to the pipeline

Project Generation: Focus / Pedigree / Capability

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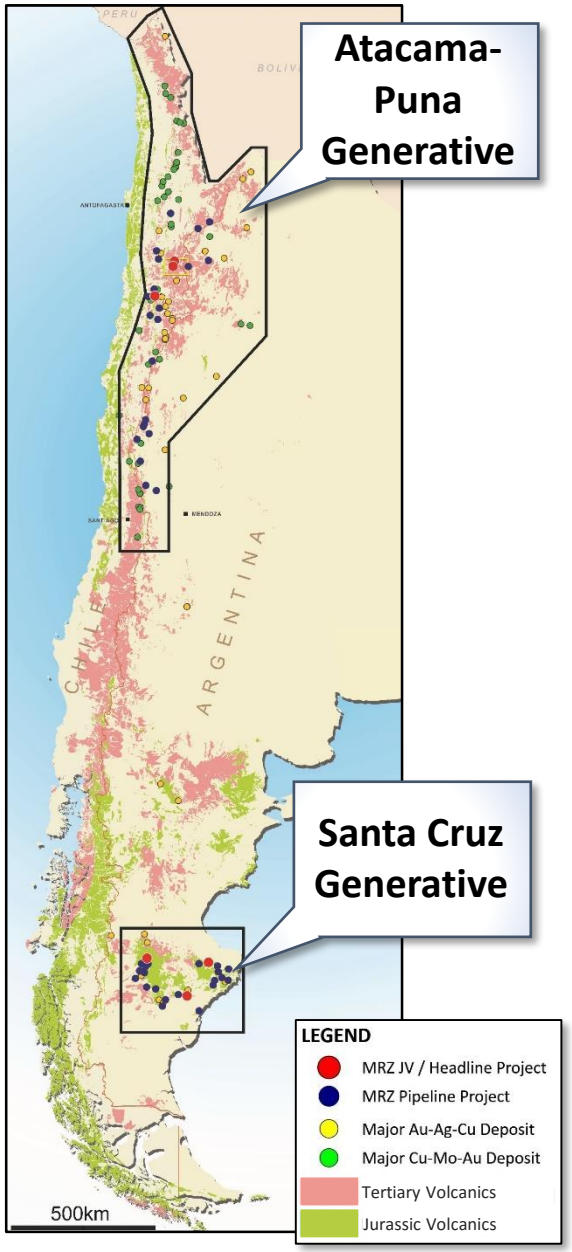

→ Focused on 2 generative regions Atacama – Puna and Santa Cruz

- World class pedigree under-explored precious metal terrains
- Highly compatible with Mirasol's technology driven generative expertize
- High Calibre generative and exploration teams
- Well-funded aggressive programs
- Contrarian approach to generative exploration

→ New Atacama – Puna Tertiary age mineral belts of Northern Chile and Argentina

- World Class pedigree with many operating giant gold, silver and copper mines
- Recent multi-million ounce oxide gold discoveries – new wave "company maker" discoveries
- Mirasol Gorbea Belt JV and large portfolio of new quality pipeline projects

→ Santa Cruz Jurassic age volcanic terrain

- World class high grade gold and silver epithermal terrain
- 4 operating large scale mines and additional new mine development
- Mirasol Claudia - CVSA JV and large portfolio of projects in key mineral districts

Project Generation: Atacama – Puna Region

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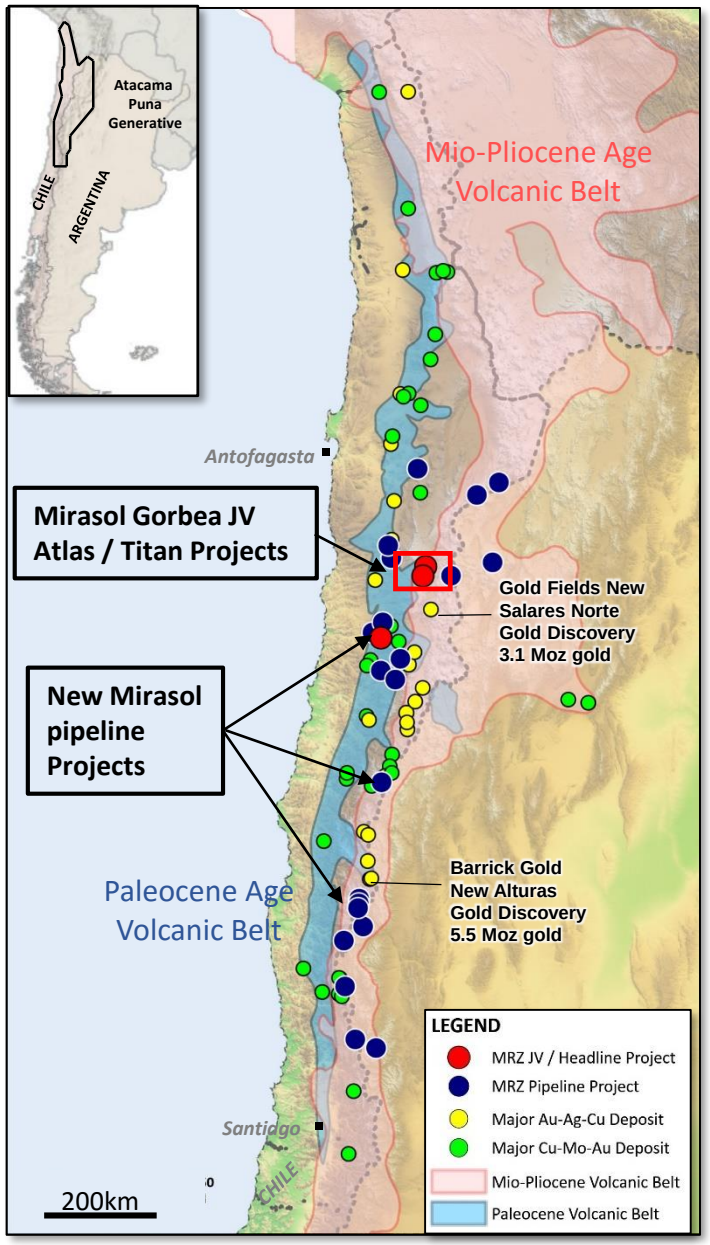

- Investment in new generative program delivering portfolio of quality gold – silver pipleline projects
- Mirasol added approx. 120,000 ha in 25 project areas – dynamic process / new claims pipeline
- Mio – Pliocene belt targeting giant oxide gold discoveries – seasonal but this is where the giants are
- Paleocene belt targeting bonanza grade gold discoveries – year round access / infrastructure advantage

→ Mirasol positioned to take advantage of upswing in demand for quality projects

Project Generation: Santa Cruz Argentina

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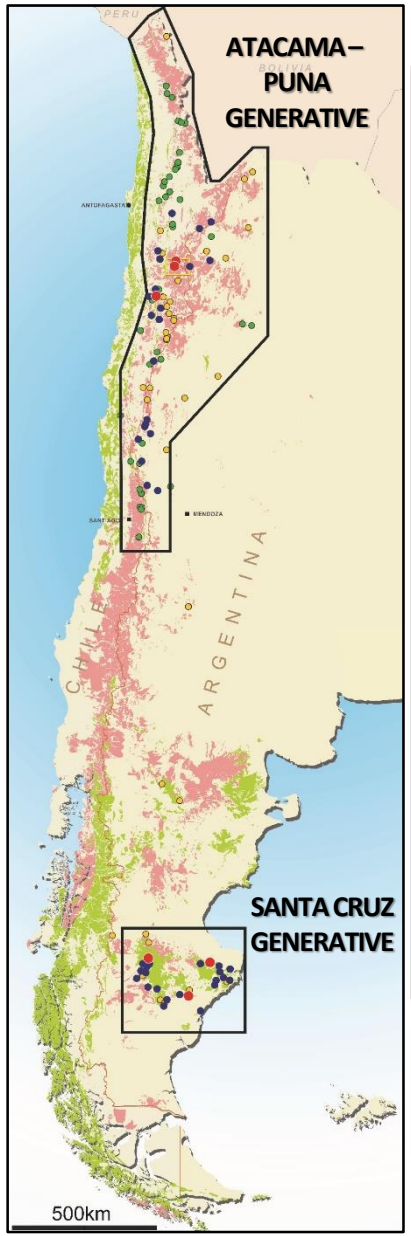

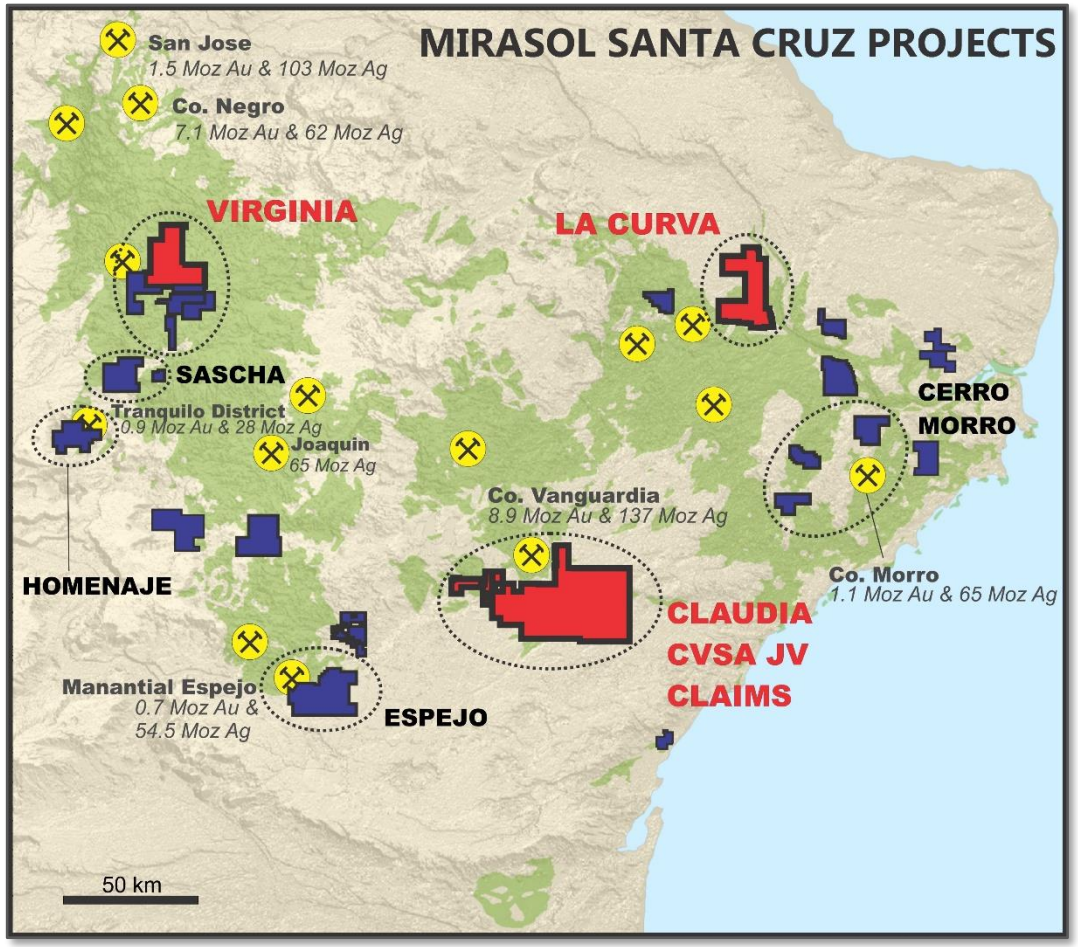

Mirasol Claims
- JV / Headline Project
- Pipeline Project
- Mine / Development Project
- Jurassic Igneous Rocks

Previous Mirasol success in Santa Cruz

- Discovery and sale of Joaquin Deposit
- Discovery of Virginia Silver Deposit

Mirasol portfolio of quality drill ready projects adjoining active mining districts

33,150 ha of new claims staked in FY 2016 consolidating project positions & adding new pipeline projects

New Joint Venture Claudia gold project with Cerro Vanguardia mines (AngloGold Ashanti / Formicruz)

Focus on delivering additional near mine deals → Short timeline to production/cash flow

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MIRASOL PROJECT BANK

Large portfolio of quality drill ready projects

Delivering strong JVs with producers

Gorbea JV → Atlas gold project drilling

CVSA JV → Curahue Trend first drill results

Mirasol Project Bank – Drill Ready Projects Chile and Argentina

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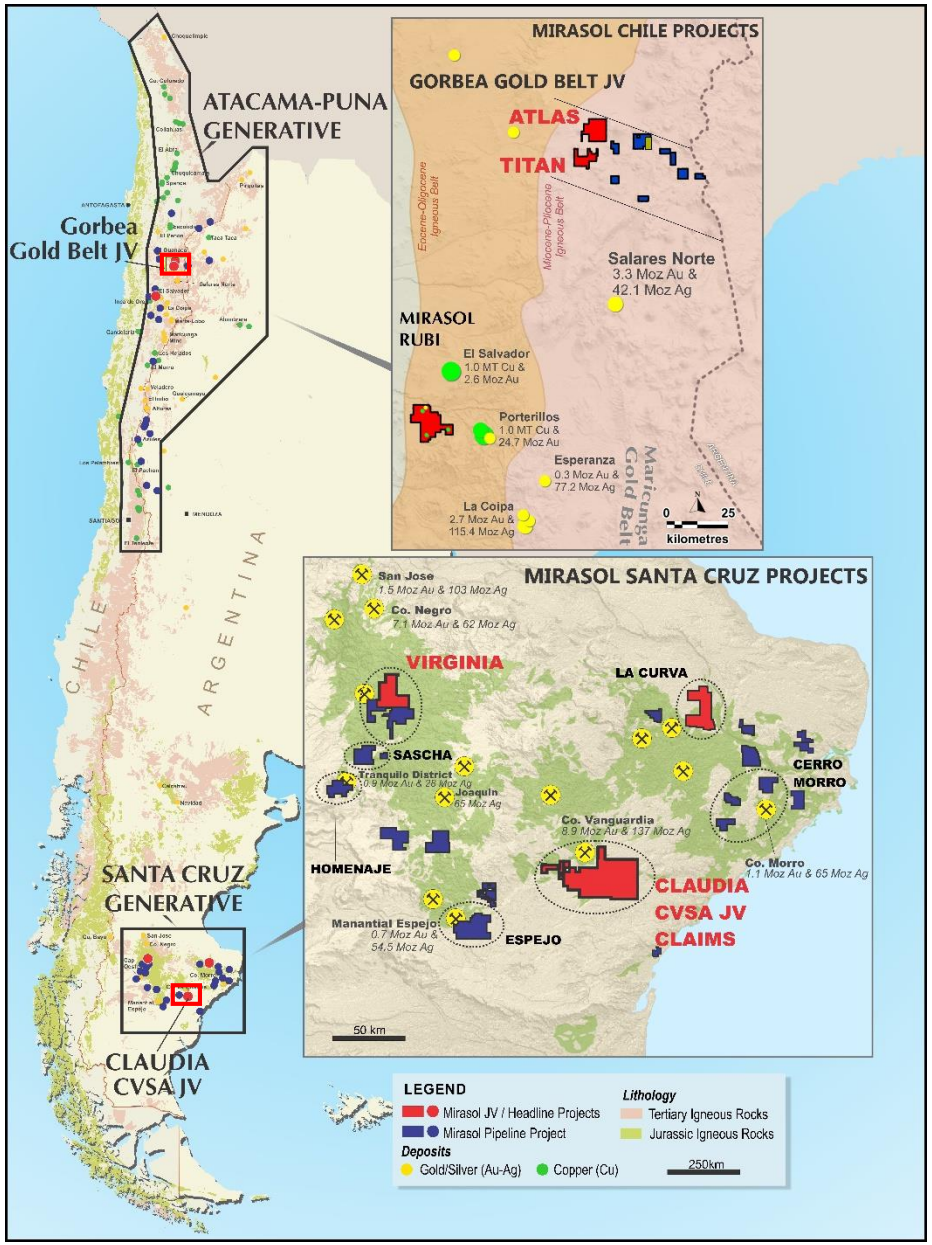

Large Drill Ready Portfolio → Focused on new JV deals

- **Atlas** Au-Ag
- **Titan** Au-Ag
- **Claudia** Au-Ag

2 Active JVs Gorbea JV & Claudia-CVSA

- **Virginia** Ag
- **La Curva** Au
- **Rubi** Cu - Au

Headline Projects ready for JV

- **Espejo** Au-Ag
- **Libanesa** Ag
- **Morito** Au-Ag
- **Sascha** Au-Ag
- **Homenaje** Au-Ag

Additional drill ready projects

see news releases
Claudia (July 26, 2016)
Atlas (April 25, 2016)
Virginia (March 29, 2016)
Titan (Nov 25, 2013)
Rubi (April 2, 2015)
La Curva (Jan 23, 2014)

Chile: Gorbea JV - Atlas Gold Silver Drill Results and IP Geophysics targets

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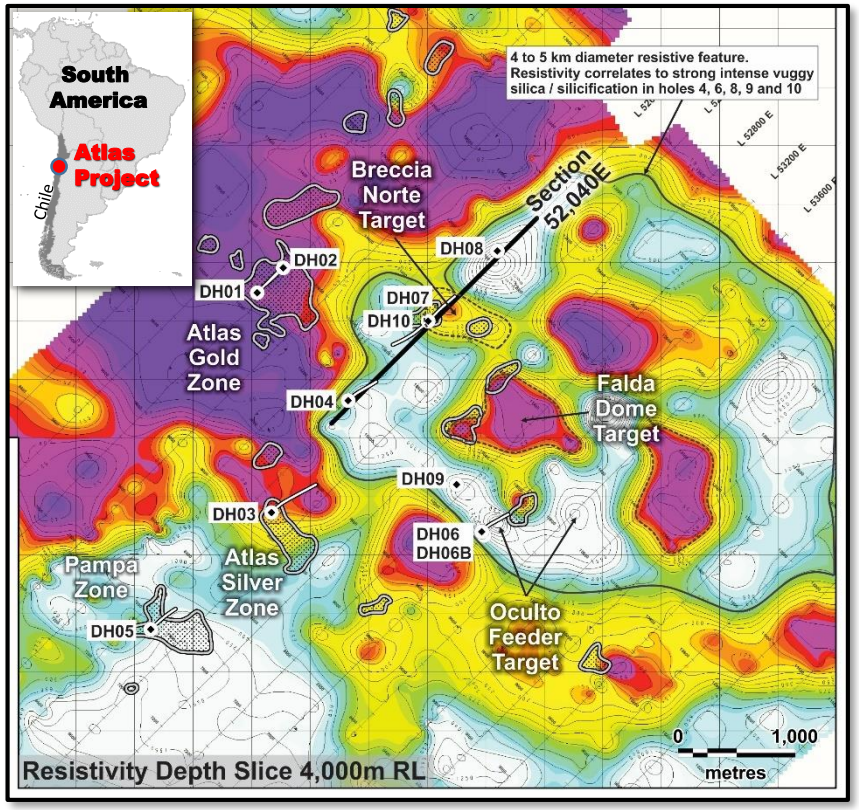

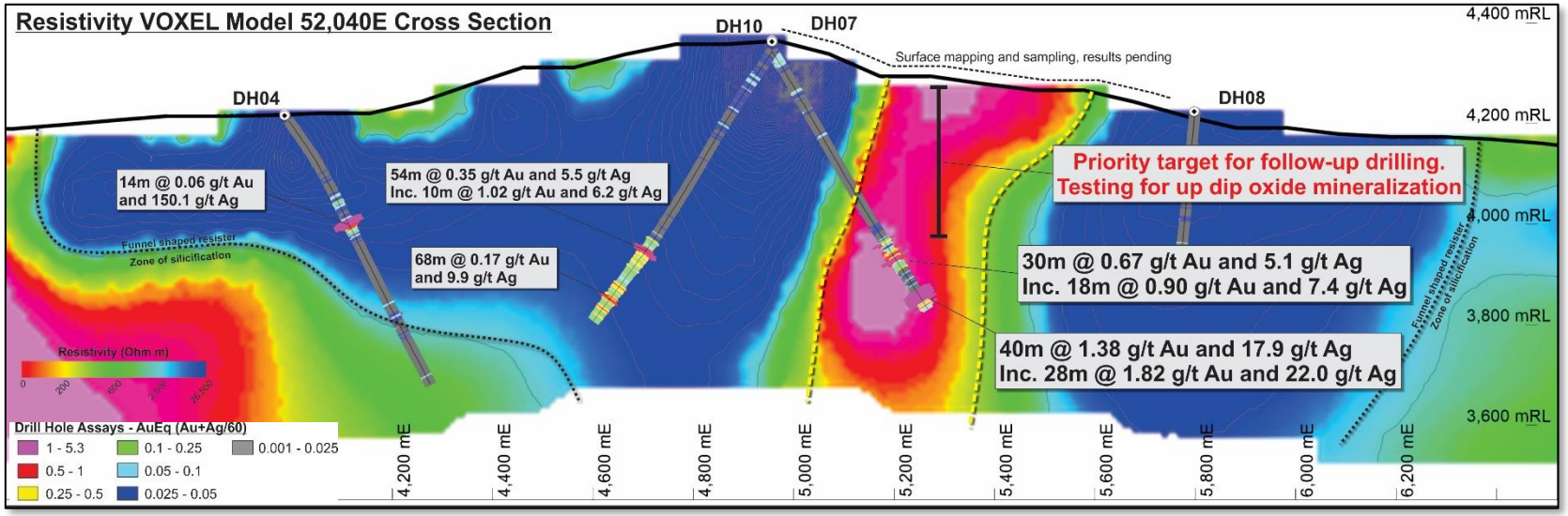

- Gorbea JV terms for portfolio of 7 projects including the Atlas and Titan projects
  - 4 years to earn 51% by spending US$ 10M and making US$ 2 million in staged cash payments
  - Additional 2 years earn 65% by delivering a PEA with minimum resource 1M Oz gold
  - Additional 1 years earn 75% by delivering a feasibility study, decision to mine and by funding to production Mirasol's 25% equity position in the project.

→ **Strong deal terms targeting large stand alone gold discovery**

- Encouraging drill results at Atlas confirm large, deeply oxidised high sulphidation epithermal system of the style that has produced bulk minable gold – silver deposits in this mineral belt
- Best results to date include 40 m at 1.38 g/t Au and 17.9 g/t Ag including 28 m at 1.82 g/t Au and 22.0 g/t Ag
- Intersections are deep but up dip potential for near surface mineralisation is untested
- A range of additional drill targets warrant testing at Atlas for large scale bulk minable gold mineralization
- Second season of exploration anticipated to start in October – November 2016

Argentina: Claudia – CVSA JV Curahue Prospect Drilling

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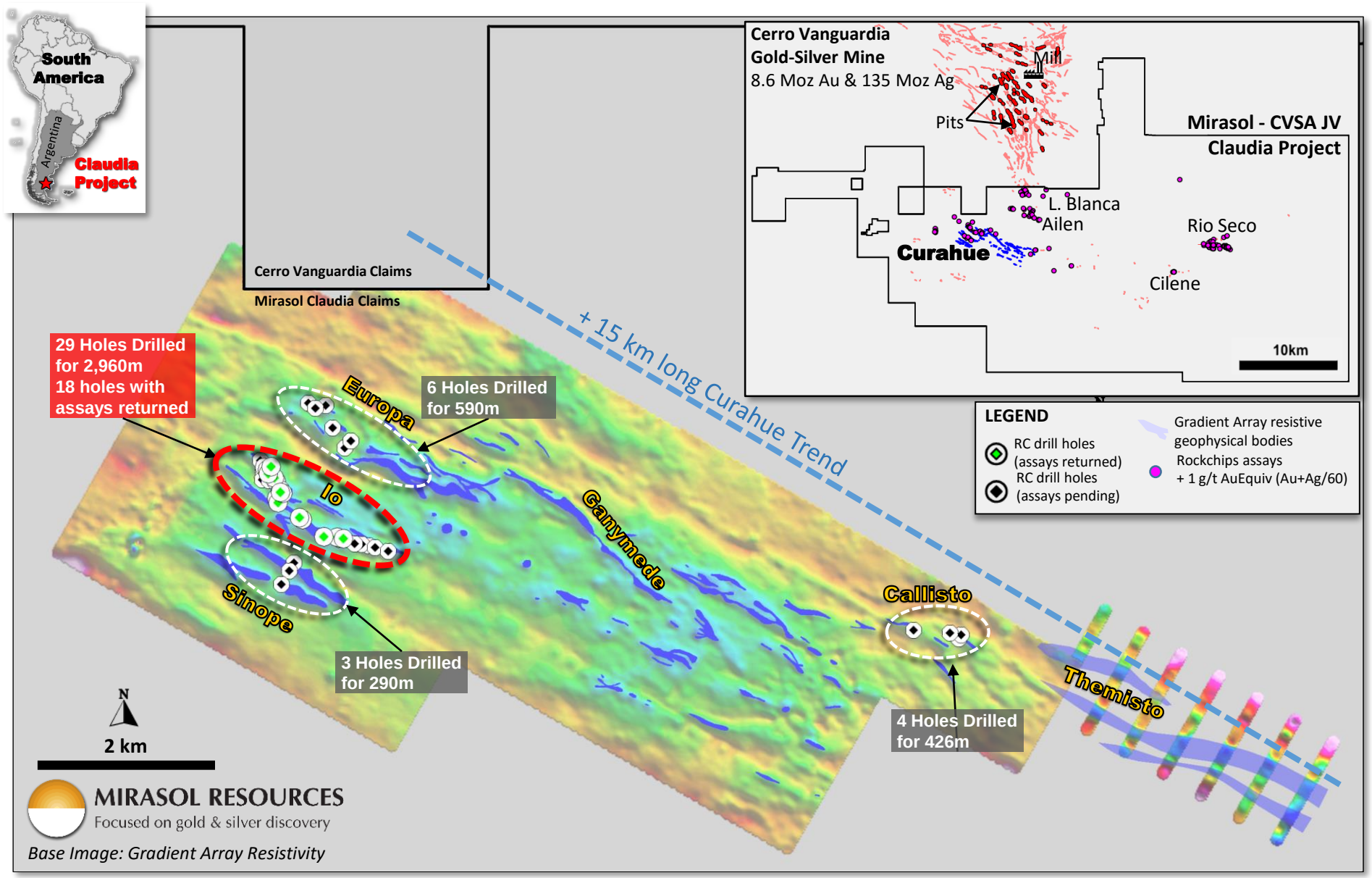

Claudia gold-silver project
5 separate drill ready prospects

Adjoins Cerro Vanguardia mine (AngloGold–Ashanti / Formicruz) district total 8.6 Moz Au and 135 Moz Ag

Joint Venture option terms:

- Year 1 commitment 6,000 m drilling, US$ 200 K geophysics, US$ 2 M spend
- 2 years to earn 51% - 12,000 m drilling, US$ 400 K geophysics, US$ 5 M exploration spend + US$ 1 M cash payments to Mirasol
- 2 additional years to earn 65 % with delivery of PEA with +350,000 oz inferred resource
- 2 additional years to earn 75 % with delivery of pre-feasibility with minimum 350,000 oz resource, decision to mine and provide funding for Mirasol's 25 % equity position

→ Deal structured to facilitate rapid exploration and development as satellite deposit to Cerro Vanguardia Mine

Argentina: Claudia – CVSA JV Curahue, Io Trend Initial Drill Results

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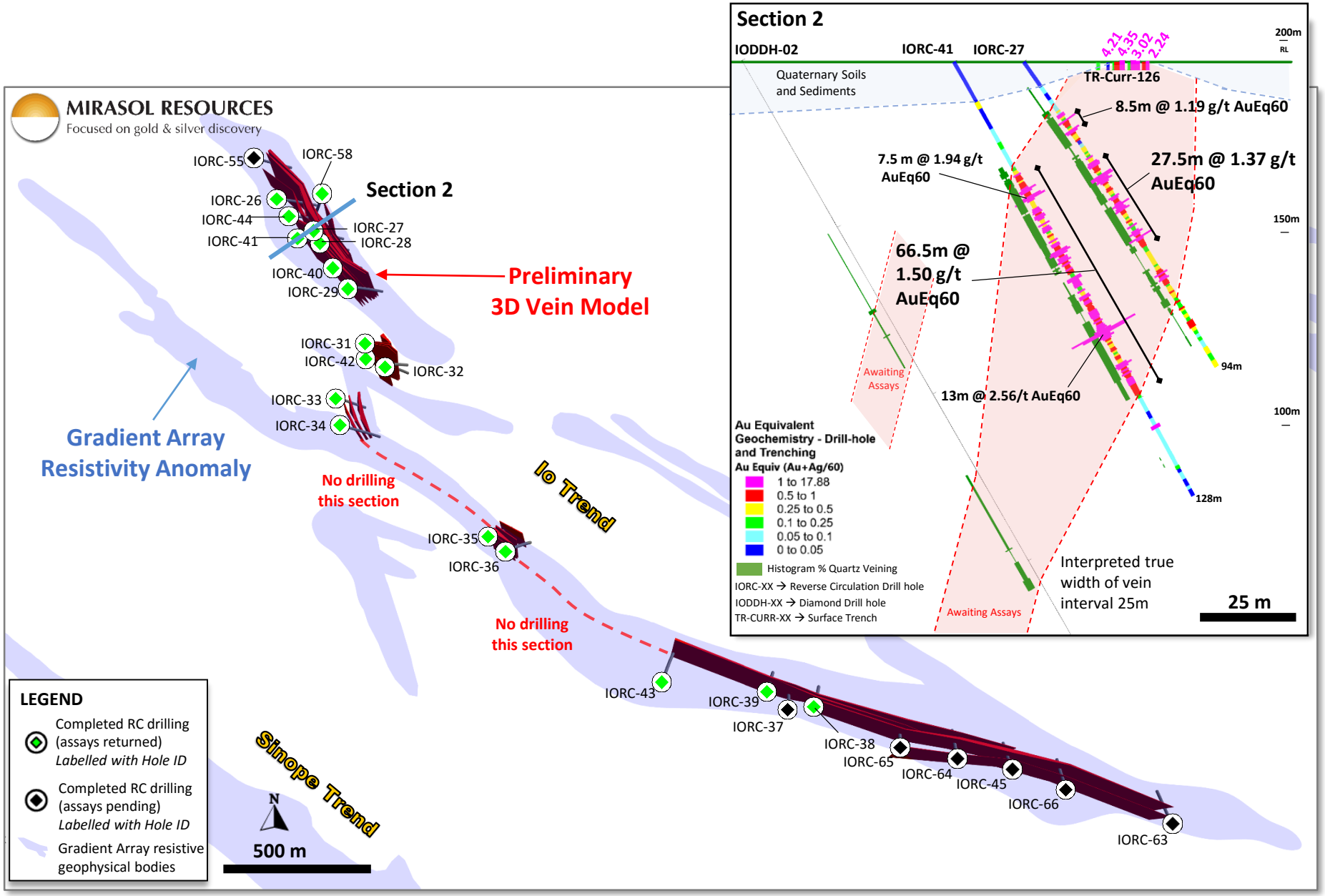

Drilling to date 100% focused at > 15 km long Curahue prospect

- 39 RC and > 4 Diamonds to date totalling > 3,700 m since May
- Assays received for 18 RC Holes on "Io" trend
- Narrow high-grade intervals inc:
  - 0.5m at 7.35 g/t Au & 448.9 g/t Ag
  - 1.0 m at 5.15 g/t Au & 580.6 g/t Ag
  - 1.0 m at 4.58 g/t Au & 180.5 g/t Ag
- Broader low-grade intervals inc:
  - 66.5m at 0.42 g/t Au & 64.74 g/t Ag
  - 39.5m at 0.70 g/t Au & 74.89 g/t Ag
  - 27.5m at 0.56 g/t Au & 48.33 g/t Ag

→ **Suggesting potential for both mill and near surface heap-leach type Au + Ag mineralization at Curahue**

→ **Improving grades to depth**

→ **Further drilling in progress**

→ **1 of 5 prospects at Claudia**

Argentina: Virginia District – High Grade Silver Resource with New Exploration Potential

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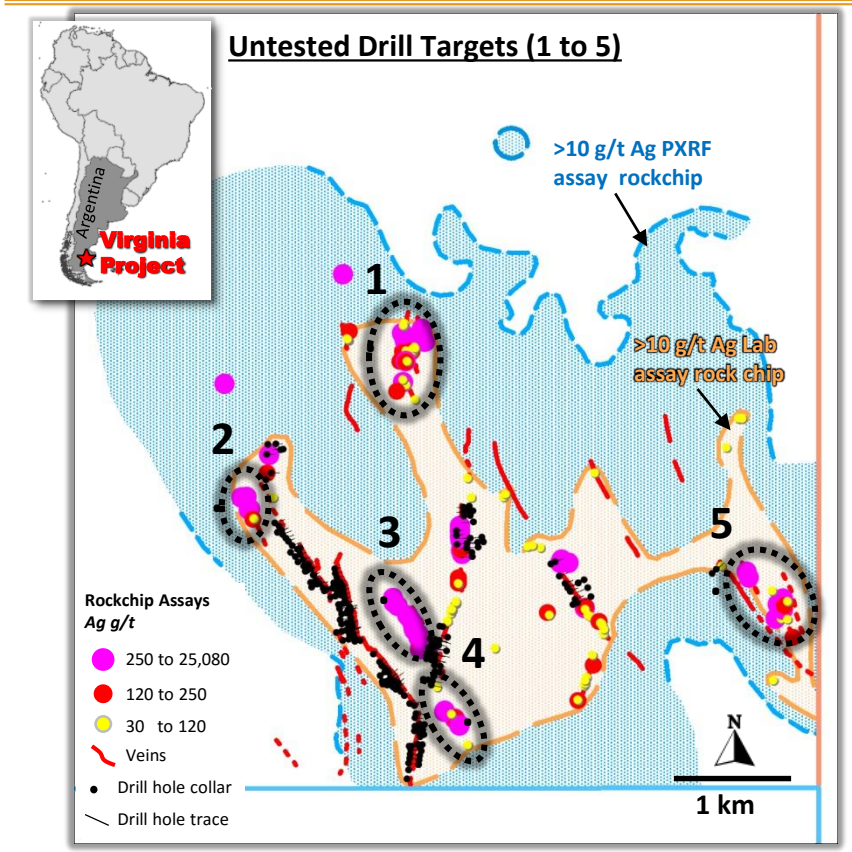

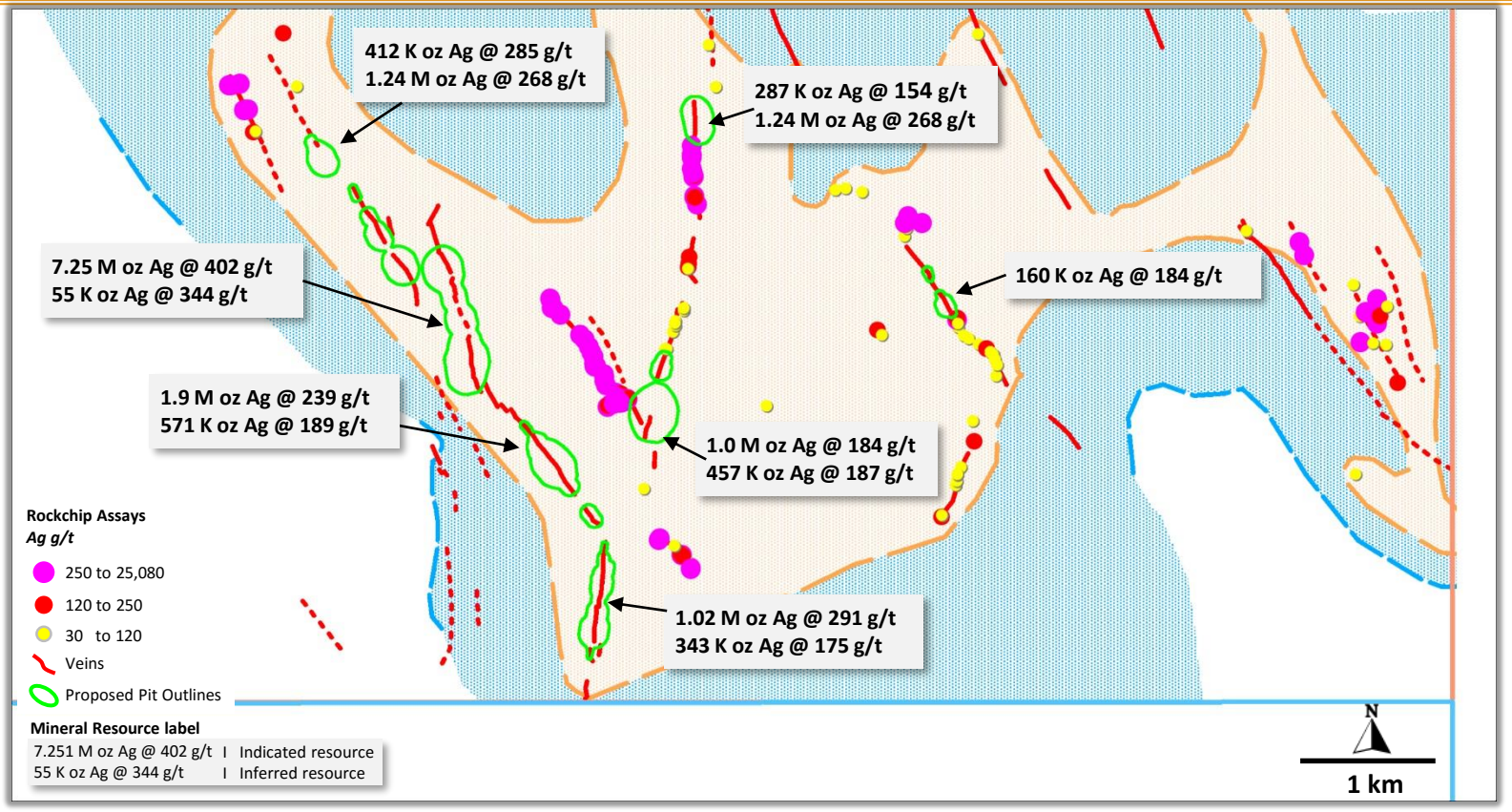

- Outcropping Ni 43-101 compliant pit constrained silver resource of indicated 11.93 Moz at 310 g/t Ag and inferred 3.06 Moz at 207 g/t Ag
- Outlined a series of new drill targets within the existing claims defined by high grade outcrop / trench channel silver results +/- geophysics
- Data analysis suggests that the Virginia Silver system may extend outside Mirasol's claims
- Mirasol is in the process of consolidating surrounding exploration claims to test this and anticipates starting reconnaissance in August

Mirasol Resources Looking Ahead

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- Active drilling at Claudia – CVSA JV → delivering further results over coming months
- New seasons exportation to for Gorbea JV anticipated start up to 2nd season of exploration summer 2016
- Initiating new phase of exploration at Virginia high grade silver project in September 2016
- Actively perusing new JV deal on our drill ready projects
- Initiating exploration on Mirasol's new pipeline projects in the Atacama – Puna region

Mirasol Resources Summary

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Demonstrated track record → Discovery to liquidity event

Conservative share structure 44.7 million issued shares → Managing our capital structure

Well funded CAD $18.7 million

Strong Joint Ventures delivering encouraging gold – silver drill results

Focused on delivering new deals on existing project bank

Aggressive counter cyclic project generation program has delivered (and is delivering) new quality projects

→ Position to deliver shareholder value creation via discovery in an improving precious metals market

Please visit our website and register to follow the Mirasol story www.MirasolResources.com