→ Presentation 1: Project Generator JV Business Model
Risk management for exploration success

→ Presentation 2: Gorbea Gold Belt & Rubi Copper projects
New targets in a mature terrane
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.
New Targets in a Mature Terrane

Chilean exploration has delivered many world class copper & gold deposits

Chile is thought of as one of the world’s more mature exploration terranes

Does this mean that all new discoveries will come from expensive deep exploration?

Mirasol takes a dual approach to exploration in Chile to identify new exploration opportunities

*Known projects with new eyes* → new geological understanding & new technologies

*New projects with old eyes* → new concepts + high calibre experienced geologists

Strong potential for new discovery in Chile – outcropping & covered
Mirasol Resources: Profile

• TSX:V listed 2003
• Well funded – Approx. $29.8M CAD working capital (Cash & Shares as at July 1st 2014)
• Conservative capital structure (44.2 M shares outstanding)
• High-calibre project portfolio:
  o Rubi JV: First Quantum Minerals copper-gold porphyry, Chile
  o Five Headline Projects – large system / multiple targets / drill-ready
• Discovery-focused management & exploration team
• Demonstrated discovery success for Mirasol: Joaquin & Virginia deposits
• Delivered on business model with sale of Joaquin: US $30M with 1.3 Million shares in Coeur Mining

Mirasol is primed for the next discovery
People are Our Most Important Resource

Stephen C. Nano, President, CEO and Director, BSc. (Hons.), +25 years in exploration and management roles in Latin America, Asia Pacific and Central Asia for major mining companies. +15 years in South America.

Timothy W. Heenan, Exploration Manager and Director, BSc., +25 years as exploration geologist and program manager throughout the Americas, with small and large mining companies. +15 years in South America.

Mary L. Little, Director, MSc., MBA, +25 years as geologist, analyst and country manager for major mining companies. +15 years in South America.

Nick DeMare, Independent Director, CA, President of Chase Management Inc. and Board member of several TSX listed companies.

Borden Putnam, Independent Director, CA BSc. & MSc. 17-years as analyst for natural resources hedge funds, 20-years within the mining industry in senior management exploration and consulting positions. Working worldwide with Newmont and AMAX mining.

Bernie Zacharias, Chief Financial Officer, Co-founder of Avisar Chartered Accountants since 2004 and CFO of several TSX Venture listed companies.

Team of High Calibre Chilean, Argentine and Australian Geoscientists & Technicians
Mirasol Project Generation

- Excellent Project Portfolio
- 100% Mirasol owned
- Gold silver copper
- Geographic focus

Atacama, Chile
10 / 100% Mirasol owned projects
Rubi FQM JV: copper, gold
Gorbea belt: strategic area play
2 headline projects:
Atlas: silver, gold
Titan: gold

Santa Cruz, Argentina
23 / 100% Mirasol owned projects
3 headline projects:
Claudia: gold, silver
Curva: gold, silver
Virginia: silver
Rubi Porphyry Copper-Gold Project Chile
First Quantum Minerals JV

Known project → New eyes
Mirasol Rubi JV Chile - First Quantum Minerals

- Targeting large porphyry copper gold deposits
- Adjacent to El Salvador & Potrerillos copper-gold-moly mining districts
- Previous exploration in the project area
- New approach / technologies / models → new outcropping & gravel covered targets
- New JV with strong partner
- Aggressive exploration in progress
- Advancing to drill testing
Rubi JV Project: Known Project / New Eyes

- Previous exploration drilling in project area – 1980’s to 90’s
- New Aster & PIMA alteration / new geochemical & geophysical techniques
- Improved understanding of alteration & mineralization model
  → New (renewed) outcropping & gravel covered porphyry & epithermal targets

Erosion Level:
Lithocap Qbda Salada Target

Erosion Level:
Portezuelo & Corner Target

Rubi ASTER Alteration Mapping

Advanced Argillic / Argillic

Intermediate argillic / Argillic

Propylitic

Strong Fe Oxides

Phylllic Argillic

Aster Alteration

Strong Propylitic

Phylllic argillic

Propylitic

Advanced Argillic

Erosion Level: Rubi ASTER Alteration Mapping

1

2

3

4

Advanced Argillic / Argillic

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Strong Propylitic

Phylllic argillic

Propylitic

Advanced Argillic

Modified from Richard H. Sillitoe
Porphyry copper systems (in A group of papers on porphyry Cu deposits )
Economic Geology and the Bulletin of the Society of Economic Geologists
(January 2010), 105(1):3-41
Rubi JV – El Salvador Porphyry District, Chile

- Multi-target porphyry copper-gold project adjacent to world class El Salvador - Potrerillos porphyry district
- Excellent JV deal terms
- Strong JV partner: First Quantum Minerals
- Aggressive exploration program commenced in November 2013

### Year 1 Minimum Spend

<table>
<thead>
<tr>
<th>$1.5 M USD (no management fee)</th>
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<tr>
<td>→ 3,000 m drilling</td>
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<tr>
<td>→ 100% magnetic coverage</td>
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### 4 years 55% payment

- For $6.5 M USD + $1.1 M USD in staggered cash payments

### +2 years 65%

- NI 43-101 compliant Indicated Resources

### +2 years 75%

- Decision to mine
- Provide to Mirasol financing 25% interest
- Payback from 50% Mirasol cash flow

1. FQM can extend earning 1 or 3 - 2 years by making $500k payment per extension
2. FQM operates
3. Tenure fees part of FQM spend
4. Signed binding Letter Agreement which allows non-invasive exploration to proceed
Rubi Copper- Gold JV - First Quantum Minerals

Adjacent to world class El Salvador - Potrerillos porphyry districts

- FQM initiated exploration in November 2013 – JV Spend to date: ≈ $680,000 USD
- New property-wide, 2,460 line km Helimag survey
- Extensive property-wide soil program
- Detailed mapping & sampling
- Detailed alteration vectoring studies
- Integrated targeting
  - Multiple targets identified for geophysical testing & potential drilling
  - Drill permitting process initiated
Mirasol Gorbea Gold Belt, Chile: Atlas & Titan Gold-Silver Projects

New projects → Old eyes
Mirasol Gorbea Gold Belt, Chile

New strategic area play: 9 x 100% owned Mirasol Projects - Most Advanced: Atlas & Titan

• Concept driven project generation → local knowledge / GIS framework study
• Atlas & Titan new discoveries, large outcropping gold-silver system
• High sulphidation epithermal oxide gold targets
• Conceptual porphyry copper-gold target at Titan
• Atlas: Extensive surface gold/silver rock chips & trenching
• Titan: Scout drill intersections up to 18m @ 2.16 g/t Au Incl. 10m @ 3.58 g/t Au

LEGEND
Miocene-age Deposits
- Copper-Gold Mine/Advanced Prospect
- Gold-Silver Mine/Advanced Prospect
- Mirasol Earn-in JV Area
- 100% Mirasol Claims

Miocene Volcanics Belt
Oligocene-Eocene Belt
Mirasol Earn-in JV Area

Mirasol Gorbea Gold Belt / Atlas & Titan
Gorbea Gold Belt: Atlas & Titan Projects, Chile
2 adjacent Headline Projects / new gold – silver discoveries / good access / workable altitude

- Atlas: new prospects identified
- Anomalous rock chip gold & silver assays over 6.7 sq. km area
- New trench gold/silver channel samples
- New 5.4 sq. km IP electrical geophysics
Atlas Project – Gorbea Gold Belt, Chile

Large gold-silver system / high grade rock chip assays with geophysical anomalies – defining drill target

Atlas Gold Zone
- Anomalous Rock Chips up to 50.3 g/t Au
- Soil covered high-resistant zone. Local outcrops of strong quartz-alunite alteration & elevated Ba-As-Sb-Hg

Atlas Silver Zone
- Anomalous Rock Chips up to 639 g/t Ag

NEW PAMPA ZONE
- Anomalous Rock Chip up to 2.91 g/t Au & 421 g/t Ag

Areas of Gold/Silver Anomalous Rock Chips

Best 3 Rock Chip Samples From beginning of project to June 2014

<table>
<thead>
<tr>
<th>Gold (g/t)</th>
<th>Silver (g/t)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50.3 / 5.2</td>
<td>0.01 / 2470</td>
</tr>
<tr>
<td>30.7 / 42.3</td>
<td>0.08 / 639</td>
</tr>
<tr>
<td>16.8 / 43.9</td>
<td>0.06 / 592</td>
</tr>
</tbody>
</table>

Pleides Base Imagery

Pampa Zone
- 2.91/1.9
- 1.32/5.7
- 1.14/2.1
- 0.08/248

Atlas Surface Rock Chips

Pleides Base Imagery

IP Resistivity 50m Depth Slice

MRZ Atlas Project 7020 Ha

AgZ

ASZ
Atlas Gold Zone (AGZ) Prospect – Priority Drill Targets

- AGZ prospect surface rock chip samples define an 800 by 500 m area with anomalous gold/silver.
- 55 samples in the range 1-50.3 g/t Au outline multiple NW trending vuggy silica structures.
- AGZ gold structures traverse 1.1 km long trend with highly resistivity bodies – hydrothermal feeder zones (breccia’s?) or buried domes?
- New trench channel of vuggy silica structures & breccias, assay:
  - 8.4 m @ 1.85 g/t Au,
  - 11.3 m @ 1.32 g/t Au &
  - 14.9 m @ 1.67 g/t Au

→ Priority drill targets developing

Technician sampling a vuggy silica structure

Vuggy silica after porphyritic andesite with up to 7.28 g/t Au & 5.77 g/t Ag

Late stage barite vein common in vuggy silica structures from 3.27 - 8.85 g/t Au

Hydrothermal breccia zone exposed over 25m in trench TR-02

Breccia vuggy silica clasts re-brecciation & leach clasts with late fill of pink alunite, up to 5.07 g/t Au & 7.95 g/t Ag in TR-02

Jigsaw breccia of the edge of the hydrothermal breccia zone with up to 1.09 g/t Au in TR-02
Atlas Silver Zone (ASZ) Prospect: Overview

- Distinct Ag:Au ratio ≈ 1000:1
- High-grade silver +100 to 639 g/t Ag float & subcrop over 750 m of strike length
- Pervasive silver +100 to 639 g/t Ag float & phreato-magmatic vent breccias
- Intense steam heated alteration overprint (crystobalite-alunite-kaolinite native sulphur & cinnabar)

1 trench in zone to date
26.7 m @ 0.016 g/t Au & 54.76 g/t Ag, Inc. 11.2 m @ 0.013 g/t Au & 92.43 g/t Ag.

Mineralization may extend under cover to east
Laminated ash with bands of intense advanced argillic alteration silver mineralization TR06

Cinnabar wisps in the zone of the phreatic breccia with intense advanced argillic in TR-06

Sulphur vein (dipping SW) in the middle of a phreatic vent breccia with intense advanced argillic alteration in TR-06

Ignimbrites with pervasive quartz opaline silica and sulfide/sulfosalts veinlets TR06

Upward flaring phreatic-hydrothermal breccia with mineralized clasts

Poly lithic hydrothermal breccia clasts of quartz vein fragment with bands of acanthite, suggest ISE or LSE *find grade*
Mirasol – Forward Focus & Objectives

Focus on our core business model – Project Generator JV company

- Chile: focus of our spend / project generation / project exploration
- Argentina: represents a counter cyclic investment opportunity

Build our generative pipeline – our R&D investment & life blood of this company

- Chile: Concept driven generation & early stage project acquisition
- Argentina: Strategic consolidation in key districts / low holding cost

JV deals on headline properties in Chile & Argentina - realize value to our shareholders via discovery – Gorbea Belt & Argentine headline projects

Slow the burn rate: targeting total corporate + exploration spend FY2015 of USD $6.1 to 5.5M

Evaluate accretive business opportunities

Improve information flow to our shareholders & the market so they can make informed investment choices
MIRASOL RESOURCES LTD

A Project Generator Primed for Discovery

- Well Funded
- Strong Rubi JV
- Five Headline Projects
- Management Focused on Shareholder Value
- Focused on Chile – new eyes / old eyes

Chile Explore Congress
Speaker: Stephen Nano
President & CEO