Cautionary Statement

This presentation contains certain statements that may be deemed “forward-looking statements”. All statements in this presentation, other than statements of historical fact, that address future operations, resource 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”, “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, except as may be required by applicable law.

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”), however 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.
25 years of Gold and Copper Discoveries

Major Gold Discoveries by Country, 1990-2015

- Gold discovery by company type
- Type of discoveries

Mirasol is operating in world class terrain – 7% of gold discoveries

Major Copper Discoveries by Country, 1990-2016

- Copper discovery by company type
- Type of discoveries

Mirasol is operating in world class terrain – 40% of copper discoveries

Source: S&P Global Market Intelligence
Macro Supply/ Demand Drivers for the Project Generation Model

Gold space - Key factors:
• Exploration spend falling from 2012 to 2016
• Discovery rate has been falling for a decade
• Approx. 60m oz annual shortfall production vs. discovery
• Yet, the trend in gold and silver prices has been improving

Copper - Key factors:
• Increasing use of copper
• Global decreasing reserves and grades
• Falling discovery rates
• Longer lead times for development of new discoveries
• Copper prices remains low but are improving

→ Mirasol is seeing an increased demand for our projects
→ A strong driver for our project generation business
An improving investment climate in Argentina

Exploration budgets and drilling activity have been raising since 2016

A new mining law passed in June 2017 to attract investments in the sector - congress approval pending

A number of transactions in 2017 with some new entrants in the country:

- OceanaGold first deal in Argentina with Mirasol
- Shandong Gold acquisition of 50% of the Veladero Mine from Barrick
- Pan American acquisition of COSE project, Joaquin project and tailing agreement on the Martha project

Exploration and mining investments are gaining momentum in Argentina

Increasing demand for our projects in the region and a catalyst for further deal making
Corporate Overview
Mirasol Resources: in Summary

- Project generator focused on gold, silver and copper discovery in Chile and Argentina
- Well funded CA $22 M cash (June 30, 2017)
- Conservative capital structure
  - 49 M shares outstanding
  - 3 M Stock options outstanding
- Aligned interest with +30% insider position
- Leading edge technology and discovery team
- Active JVs – strong partners, strong projects, strong deals
- Large portfolio of drill ready projects
- New large pipeline of early stage projects in Chilean / Argentine world-class mineral belts

→ Positioned to maximize value creation for shareholders
Leveraging the JV Business Model for Discovery

- JV Partner funded 6,000 metres drilling minimum to December 2017
- Anticipated exploration spending of C$ 3M to December 2017
- Focusing resources to increase JV drilling accelerating the path to discovery
Project Pipeline
Targeting giant gold-silver-copper discoveries
Project Generation: Focus / Pedigree / Capability

Atacama – Puna: ~ 220,000 ha in 32 Mirasol projects
Santa Cruz: ~ 375,000 ha in 13 Mirasol projects

- World class mineral belts
- Compatible with Mirasol’s technology driven generative expertise
- High Calibre exploration teams with decades of successful experience in these geological environments
- Countercyclical approach to generative exploration delivered an extensive portfolio of quality Gold - Silver - Copper projects

→ 2 Option Agreements in place:
  - Gorbea JV – Yamana Gold
  - La Curva JV - OceanaGold
→ Emphasis on new JV deals to accelerate drill testing
Approximate contained metal reserves & resources

World Class Gold + Silver + Copper belts

Our Focus:
- Paleocene Belt
  → High grade gold - silver
- Eocene-Oligocene
  → Giant porphyry Copper
- Mio-Pliocene
  → Giant Oxide Gold

→ JV Partner search in progress
- Altazor – Gold
- Rubi - Copper
- Odin – Copper
- Indra – Gold / Silver
Mirasol discovery successes in Santa Cruz:
- Discovery and sale of Joaquin Deposit
- Discovery of Virginia Silver Deposit

La Curva: OceanaGold JV in place with drill commitment in Sept/Oct 2017

A positive investment environment in the region and demand for our project is increasing

→ 6 additional JV ready gold and silver projects
→ New high grade silver-gold prospect at Nico
→ Aggressive pursuing new potential partners for drill testing:
  - Claudia – gold-silver
  - Nico – silver-gold
  - Virginia - silver
Large portfolio of quality JV ready projects
Gold / Silver / Copper
Large Drill Ready Portfolio ➔ Focused on new JV deals

- Atlas Au-Ag
- Titan Au-Ag
- Curva Au-Ag
- Odin Cu
- Rubi Cu
- Altazor Au
- Indra Au-Ag
- Claudia Au-Ag
- Virginia Ag
- Brahma Au-Ag
- Nico Au-Ag
- Libanesa Ag
- Morito Au-Ag
- Sascha Au-Ag
- Homenaje Au-Ag

Existing Joint Ventures
Gorbea - Yamana Gold JV
La Curva - OceanaGold JV
6,000m of JV funded drilling to Dec. 2017
Minimum exploration spend of C$ 3.0M

Focused JV Partner Search in Progress

JV Ready Projects

+ A large portfolio of Pipeline Projects
Multiple large scale porphyry copper drill targets identified by Mirasol

Adjacent to world-class copper mining districts of Potrerillos and El Salvador
3 principal high priority prospect target areas remain largely untested by electrical geophysics and drilling:

- **Lithocap** – 3.5 km x 2 km area centered on a large, deeply weathered, advanced argillic alteration zone, surrounded by thin gravel cover
- **Zafiro** – 2.8 km x 2.2 km gravel covered area characterized by a subtle circular magnetic high surrounded by an incomplete, doughnut-shaped magnetic low
- **Portezuelo** – 4.5 km x 2.7 km target area characterized by relatively thin gravel cover and intermittent outcropping

→ Evidence for multiple porphyry centres that merit reconnaissance and detailed follow-up

→ JV partner search in progress
Located on world class Chilean Porphyry copper belt

Increased claims holding to 5,660 ha of prolific copper belt

Key operational advantages in infrastructure and access

35 km North from giant La Escondida Porphyry cluster
Atacama – Puna: Odin Conceptual Porphyry Copper Target

- Mirasol application of integrated leading edge exploration technologies
- Metal and alteration vectors outline exploration model for large scale conceptual covered porphyry copper target
  
  ➔ Exciting new copper project
  ➔ JV partner search in progress
Santa Cruz: Nico Project New High Grade Silver – Gold Aurora Prospect

- Santa Cruz precious metal target with high grade sampling over 4km trend
- Favourably located at modest elevation
- Traversed by a well-maintained provincial gravel road
- Within trucking distance to nearby mines
Santa Cruz: Nico Project New High Grade Silver – Gold Aurora Prospect

- Multiple mineralized vein-breccia zones
- Bonanza grade in rock chip assays with max values of 35.09 g/t Au and 2,095.9 g/t Ag
- Intermediate Sulfidation Epithermal target

⇒ Exciting new prospect
⇒ JV partner search in progress
Projects under JV
Strong deal terms with a major producer:
- Option to acquire 75% over 7 years
- 51% for US$ 10 M in exploration and US$ 2 M in cash payments over 4 years
- Mirasol to retain 25% if carried to production
- Mirasol can convert 9% equity position into a 3% NSR

→ Strong deal terms targeting large stand alone gold discovery

2016 season Atlas drilling confirmed large, deeply oxidized 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 mineralization is untested

→ 2nd drill campaign results are pending
→ 3rd drill campaign expected to start in October 2017 with +3,000 meters planned
New option agreement in place: Strong deal with strong partner
• Minimum 3,000 meters drill 1st year and minimum US$1.25 M in exploration
• Option to acquire 70% over 8 years
• 51% for US$ 7 M in exploration and US$ 1.5 M in cash payments
• Mirasol to retain 25% if carried to production

3 high caliber drill targets ready to test with additional targets at Curva West

➔ New gold results from Cerro Chato prospect
➔ Drill permitting in place
➔ Drilling targeted for Sept/Oct 2017
Mirasol Resources Looking Ahead – News Flow

- Drilling completed for 1st half of 2017 and results pending at Gorbea – Yamana JV Atlas project
- Drilling planned to restart in October at Atlas – Titan with +3,000m targeting giant HSE gold deposit
- Drilling planned for late September at La Curva – targeting high grade gold and silver deposit
- Generative exploration work from Mirasol at Nico and at our new copper and gold pipeline projects
- Pursuing new deals on large package of JV ready projects in the Atacama – Puna and Santa Cruz regions
  - Altazor gold
  - Rubi copper
  - Odin copper
  - Claudia gold-silver

News flow to be expected from both exploration results and from our deal making initiatives
Demonstrated track record → Discovery to liquidity event

Conservative share structure with 49 million shares issued

Well funded: CAD $22 million

Strong joint ventures, drill testing large precious metal projects → Gorbea / La Curva

Focused on business development to deliver new deals on gold, silver and copper projects

New quality projects in the pipeline generated by an aggressive countercyclical project generation program

POSITIONED TO DELIVER SHAREHOLDER VALUE CREATION THROUGH DISCOVERIES

Please visit our NEW WEBSITE and register to follow the Mirasol story
mirasolresources.com