



FOCUSED ON DISCOVERY

TSX-V: MRZ

OTCPK: MRZLF

MIRASOL RESOURCES

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", "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 chang

This presentation may use the terms pit constrained mineral resources estimate and indicated resource. The Company advises that these terms are recognized and defined in Canadian securities regulations (under National Instrument 43-101 "Standards of Disclosure for Mineral Projects"). Investors are cautioned not to assume that any part of or all, of the mineral occurrences in these categories will ever be converted into reserves.

All material project information in this presentation has been previously disclosed to the public by Mirasol.

Tim Heenan (MAIG), President for Mirasol has reviewed and approved the technical content of this presentation and is a Qualified Person under NI 43 -101.



Company Overview







- Leading exploration company
- Exploration partnerships and self-funded drilling

- Focused in Chile and Argentina
- Quality Gold, Silver and Copper exploration targets

- Proven track record of successful project generation and partnering
- Aggressive exploration plans



Board of Directors



Patrick Evans
Executive Chair

- Appointed to the board in 2016
- Over 20 years of senior management experience in various public mining companies



Nick DeMare
Director

- Chartered Professional Accountant
- Over 30 years of accounting, management and securities regulatory compliance experience



Tim Moody
Director

- B.Sc. in Geology and Geophysics
- Over 30 years of experience in the mining industry, with expertise in mineral exploration, resource assessment, business development and corporate strategy



Diane Nicolson

Director

- B.Sc. in Geology and a PhD in Economic Geology
- Over than 20 years of experience in mineral exploration especially in Latin America



John Tognetti
Director

- Over 30 years of experience in the finance industry
- Leading financier of the global resource sector



Management Team



Tim Heenan

President

- Over 30 years of exploration experience in Central and South America
- Involved in several highprofile projects including the famous Cerro Negro Mining District in Argentina



Jonathan Rosset
VP Corporate Development

- Chartered Financial Analyst
- Over 8 years of experience in mineral and royalty companies



Mathew Lee
Chief Financial Officer

- Chartered Professional Accountant
- Over 10 years of experience with public and private companies including mining and financial services



Share Structure and Treasury

Conservative Share Structure Shares Outstanding

54 M

Shares Fully Diluted

59 M

Market Capitalization

~C\$ 25M

Well Funded Cash

~C\$9.5M

Shares

~C\$ 1M (6.55 million shares of CSE:SAND at ~\$0.15)

➤ Insiders Holding: 28%



Project Portfolio



Three Mirasol-funded projects

Seven partner-funded projects

Strong pipeline of projects available for partnership

Exploration Partners

















Project Portfolio – Activities Overview

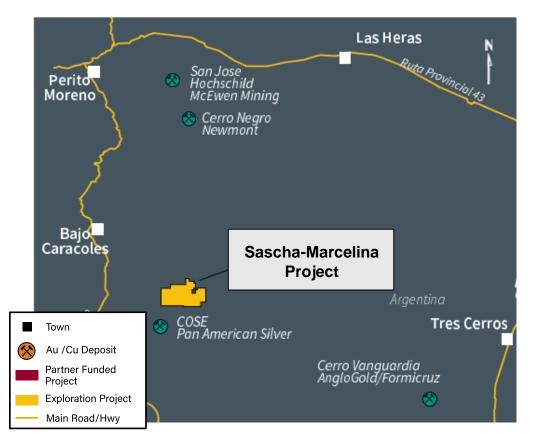
		2020/2021 Field Season	Next Steps
M R Z P A R T N E R	Sascha Marcelina	2,814m drill program completed	Deep penetrating IP geophysics Follow up drill hole
	Inca Gold	1,417m drill program completed	Reconnaissance work on other prospects
	Sobek	Extension staking and aeromag. program	Maiden reconnaissance program
	Virginia	5,935m drill programs completed	~2,900m Phase III drill program ongoing
	Rubi	1,887m drill program completed	Deep-sensing IP and MT geophysical program in Q1 2022
	Gorbea	Preparation for drill program	2,500m drilling in Q4 2021
	Coronación	Community consultation	3,000m drilling* in H1 2022
	Nord	Surface program / initial scout drilling	1,200m Phase II drill program ongoing
	Homenaje	Option agreement executed	Drill targeting program
	Libanesa	Option agreement executed	Refine targets and drilling in Q1 2022
•		12,000m completed	10,000m planned in current field season

^{*} Subject to ongoing community engagement process





Flagship Project - Sascha Marcelina, Argentina



Project Overview Santa Cruz, Argentina

Low sulfidation epithermal (LSE) gold-silver property

30,600 ha - Elevation of 800 ASL

100 km south to Newmont's Cerro Negro mine

Ownership

 24,900 ha owned by Mirasol, 5,700 ha in an option to purchase agreement with a private mining company

Self-funded Exploration

■ 2,814m maiden drill program completed → encouraging results

 Deep IP survey and follow-up drill hole at Pellegrini planned for December 2021

Geology

 Large-scale, zoned alteration system characteristic of a large LSE Au/Ag system (strong geological similarities to Cerro Negro)

Five mineralized vein and silicified breccia trends have been recognized

 Maiden drill program completed at 3 prospects in 2021, providing clear vectors for follow up drilling

Broad zone of Au/Ag + Zn/Pb mineralization identified at Pellegrini Trend → potential for larger body at depth



Sascha Marcelina – Exploration Program

Maiden drill program at 3 prioritized prospects:

Pellegrini:

Encouraging results with broad interval in hydrothermal breccia encountered in drilling

Estancia:

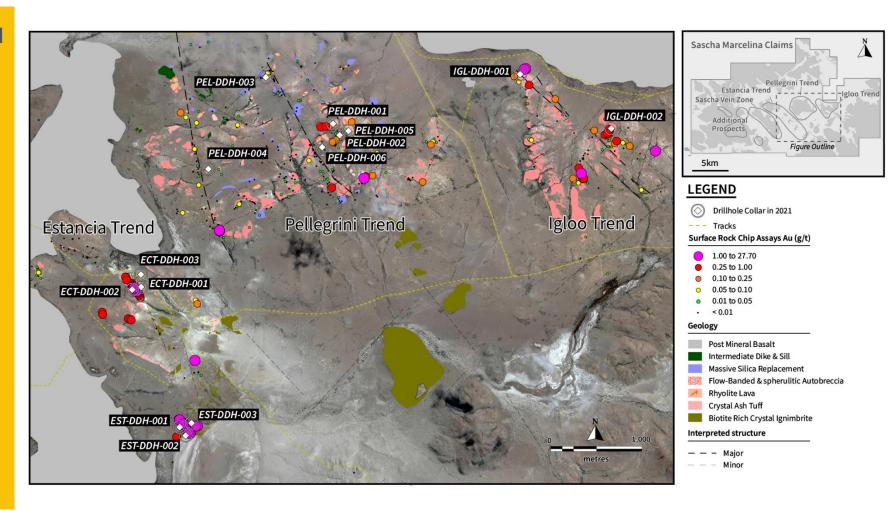
Drilling intercepted poor host rock and returned dispersed mineralization

Deeper drilling required to reach more competent host rock for productive fissure veins (Chon Aike Formation)

Igloo:

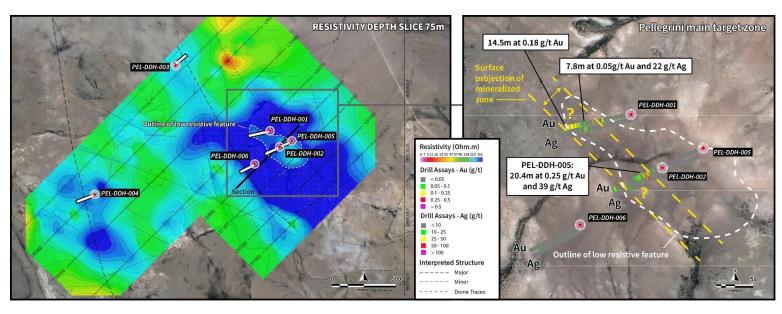
Drilling encountered narrow veinlets, zone of stockwork and brecciation.

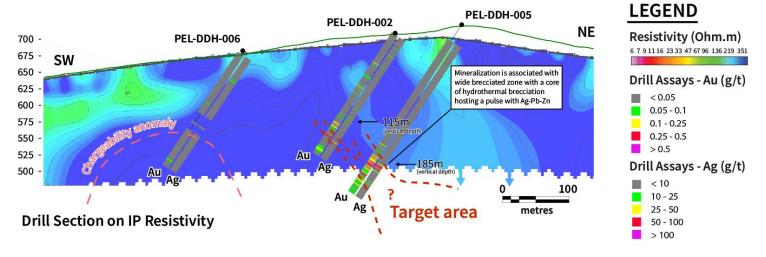
Clear pathfinder anomalies, which typically resides above productive systems in the region





Sascha Marcelina – Exploration Program





TSX-V: MRZ ■ OTCPK: MRZLF

Pellegrini Target:

Returned best result from the 2021 program with:

PEL-DDH-005: 20.4m at 0.24 g/t Au and 39 g/t Ag (58 g/t AgEq) from 242.5m, incl. 10.5m at 0.28 g/t Au and 66 g/t Ag (87 g/t AgEq) from 249m

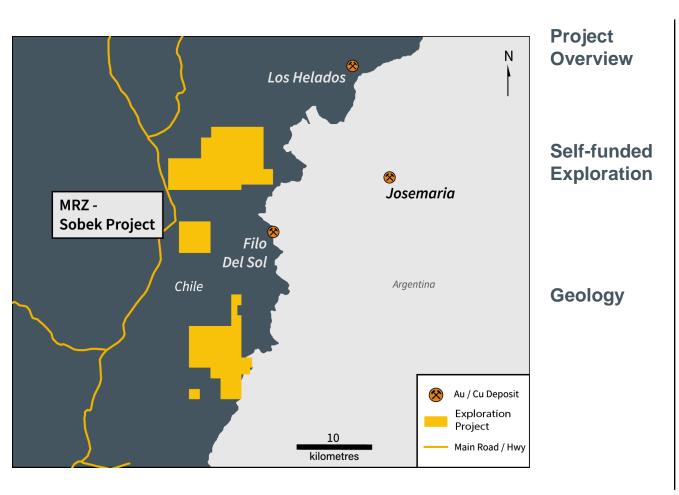
 Broad zone of Au and Ag mineralization overprinting a younger Pb and Zn rich base metal pulse

0.82% Pb and 0.7% Zn over the broader 20.4m interval, including 1.3m with 3.19% Pb and 2.56% Zn

- Potential to represent margin or top of larger breccia body or structure
- Downward vector for the mineralization
- → Deep IP to be completed to map location and orientation of mineralized body
- → 450m drill hole to test extension



Flagship Project – Sobek, Chile

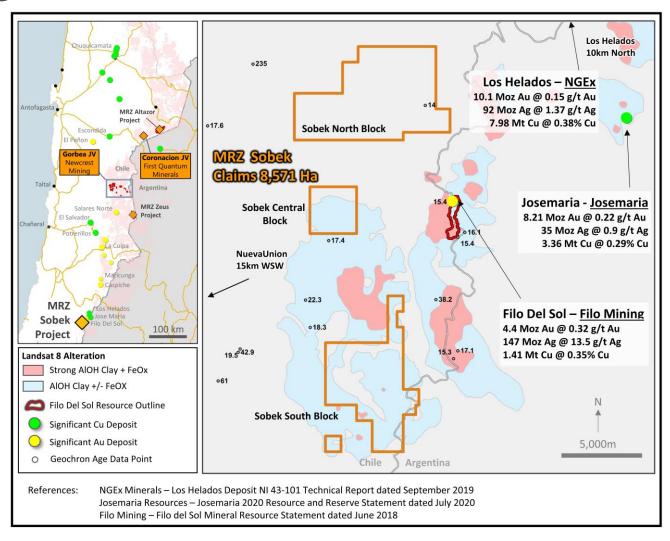


- Mio-Pliocene age mineral belt, northern Chile
- 8,571 ha
- Porphyry Cu / HSE Au Project
- 7 km west of Filo del Sol and 10 km west of Josemaria
- Helicopter supported MAG survey completed
- Maiden reconnaissance program before year end to assess the potential for porphyry Cu-Au and epithermal Au-Ag mineralization with geochemical sampling, detailed geological mapping and potentially additional ground geophysical surveys
- Within the tectonic flat-slab segment of the Mio-Pliocene volcanogenic belt which is known as one of the world's most endowed regions for giant magmatic-hydrothermal ore deposits
- Staked by Mirasol based on prospective local structural architecture with an important NNE trending mineralized structural corridor crosscut by NNW trending deep seated trans-cordilleran lineaments
- In a new and developing mineralized district



Sobek – Exploration Targets

- High resolution 2,690 line-km helicopter supported aeromagnetic ("MAG") survey completed by High-Sense Geophysics Limited in Chile.
- Covered the entire property and was designed to refine the geological and structural interpretation at Sobek.
- Multiple highly prospective geophysical targets have been identified.
- → Ground reconnaissance program to start shortly





Featured Pipeline Project – Altazor Gold

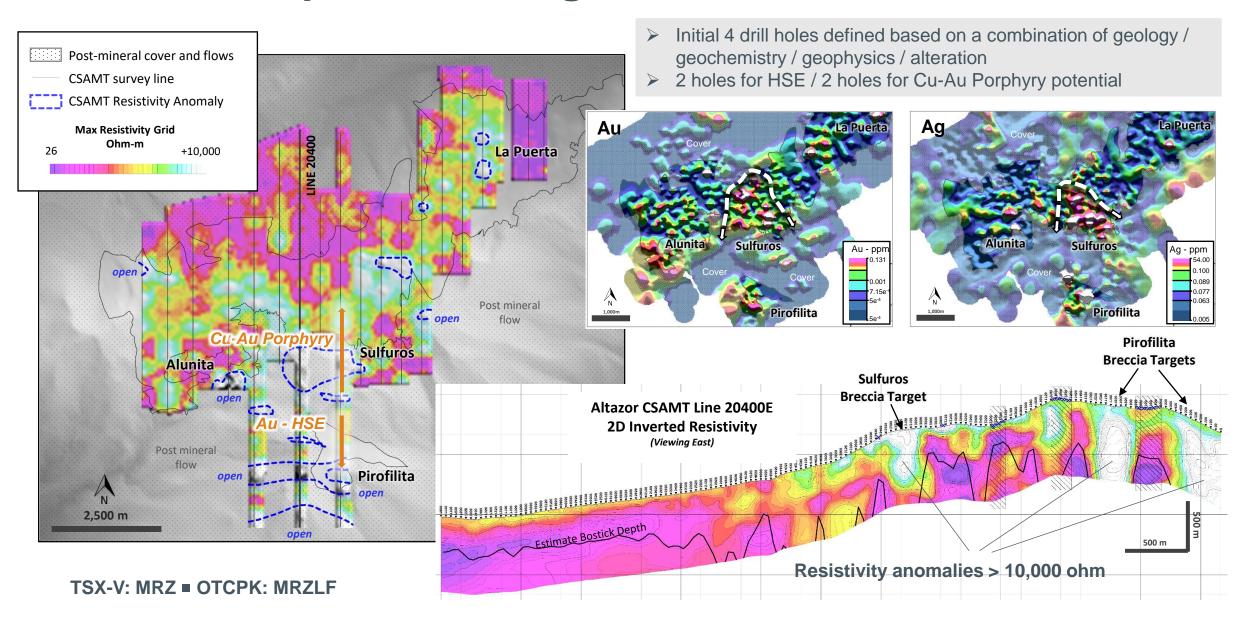


Project Overview

- Mio-Pliocene age mineral belt, northern Chile
- 33,300 ha
- High sulfidation epithermal (HSE) gold property
- 60 km via paved highway south from the village of Socaire
- Near a well-maintained gravel road connecting northern Chile and Argentina and a 20 km south of 345 kV powerlines
- Community engagement continues
- Partner search ongoing / Potential self funded project
- US\$3M in expenditures by previous partner to define quality drill ready targets, that remain untested
- District-scale, zoned alteration system
- Preserved at a level that could conceal HSE gold deposits beneath a "barren" steam-heated cap rocks and post-mineral cover
- Geological features identified that are similar to other multi-million ounce discoveries in the Mio-Pliocene mineral belt
- Two main target areas defined for a 4-hole 2,000m drill program



Altazor – Exploration Targets



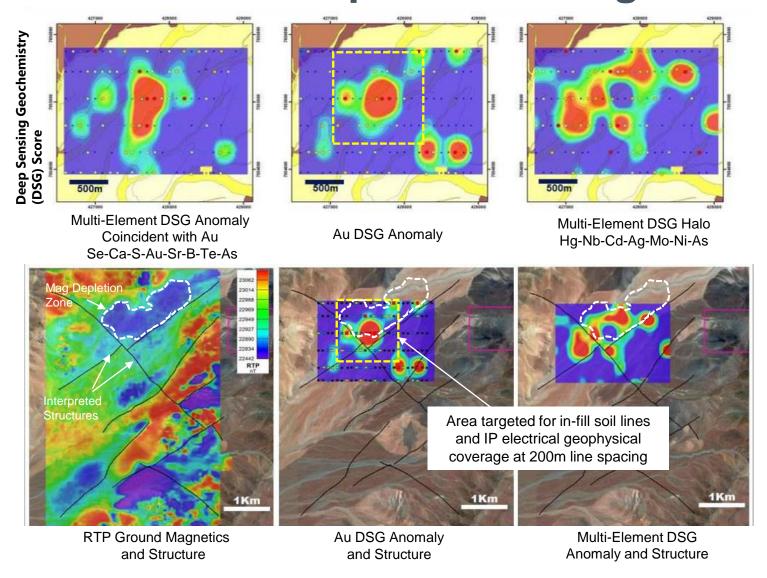
Self-Funded Project – Inca Gold, Chile



- Located on the Paleocene belt of northern Chile
- 16,300 ha Elevation of 2,000 to 3,000m ASL
- Year-round access and near infrastructure
- 100 km north of Copiapó and 17 km east of Inca del Oro town
- Controlled through an option agreement with Newmont Corporation
 - Minimum drilling commitment completed
 - Expenditures required met until early 2023
- 1,417m drill program completed on the Sandra prospect
- Follow up work to be initiated on Vania Porphyry Cu prospect
- Multiple prospects identified to date with various mineralization styles, including:
 - Intermediate Sulfidation Epithermal veins
 - Porphyry Cu-Au
 - Quartz-tourmaline breccia Cu-Au



Inca Gold – Exploration Program



Vania Prospect

- → Compelling porphyry Cu-Au prospect delineated by multi-layered exploration data collected by Newmont prior to the option agreement with Mirasol
- Vania hosts a strong, central Au DSG
 (Deep Sensing Geochemistry) anomaly
 with a peripheral anomalous multi-element
 geochemical halo, highlighted by
 Newmont's proprietary in-house
 geochemical processing technique
- This zone is coincident with a prospective structural intersection of northwest and northeast trending lineaments, and it overlies a magnetic low feature
- Mirasol's assessment will include an expanded soil geochemical survey and a systematic induced polarization ("IP") geophysical survey over the existing Au DSG anomaly



Partner-Funded Projects

Rubi

Partner: Mine Discovery Fund
Target: Porphyry Copper
Objective: Discovery Drilling
Status: Drilling completed / Deep
seeing geophysics to follow

Program: 2,000m

Virginia

Partner: Silver Sands Resources
Target: LS Epithermal Silver
Objective: Resource Expansion
Status: Phase III Drill program

Program: 2,700m

Homenaje

Partner: Patagonia Gold

Target: LS Epithermal Gold/Silver
Objective: Discovery Drilling

Status: Drill targeting

Program: Geophysics, sampling,

mapping

TSX-V: MRZ ■ OTCPK: MRZLF



Coronación

Partner: First Quantum
Target: Porphyry Copper
Objective: Discovery Drilling
Status: Community Consultation /

Permitting

Program: 3,000m

Gorbea Belt

Partner: Newcrest

Target: HS Epithermal Gold / Silver

Objective: Follow up Atlas / Discovery Drilling at El Dorado

Status: Drilling in Q4 Program: 2,500m

Libanesa

Partner: Golden Arrow

Target: IS Epithermal Gold/Silver +

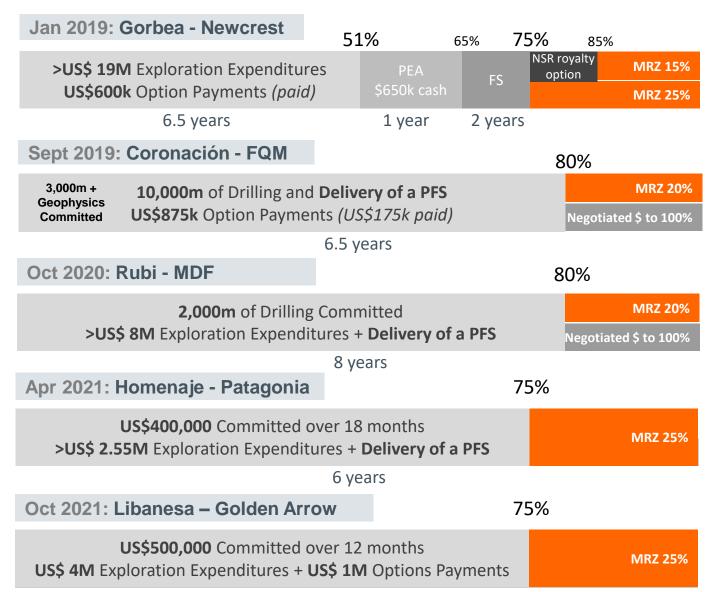
Base Metals

Objective: Drill targeting **Status:** Geophysics, sampling,

mapping



Option to Joint Venture



Option to Purchase

May 2020: Virginia - Silver Sands Res.

19.9% of the S/O after US\$6M in expenditures

Expl. Expenditures - Y1: US\$1M | Y2: US\$2M | Y3: US\$3M

3 years

Royalty: 3% NSR or 2% NSR and US\$2M

Sept 2020: Nord – Encantada SpA

US\$500k Expl. Expenditures over 2 years
US\$3M in Option Payments

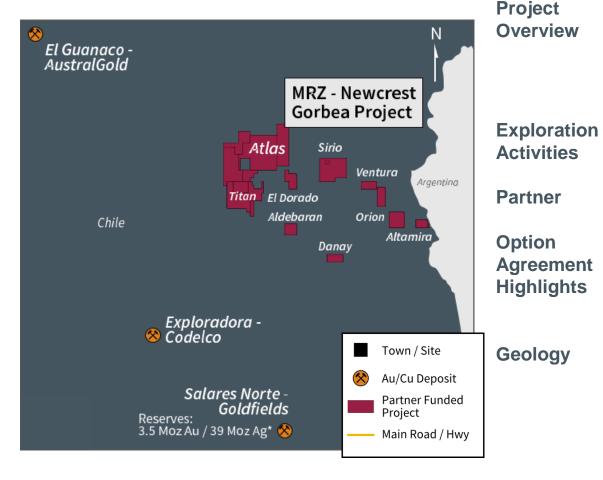
Signing: US\$50k (paid) | Month 14: US\$200k (paid) | Mth 24: US\$400k | Mth 36: US\$600k | Mth 48: US\$1.75M

4 years

Royalty: 2% NSR or 1.5% NSR and US\$3M



Gorbea Gold Project – Overview

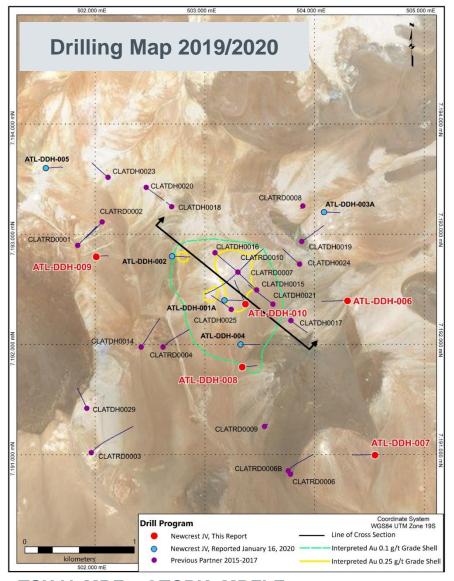


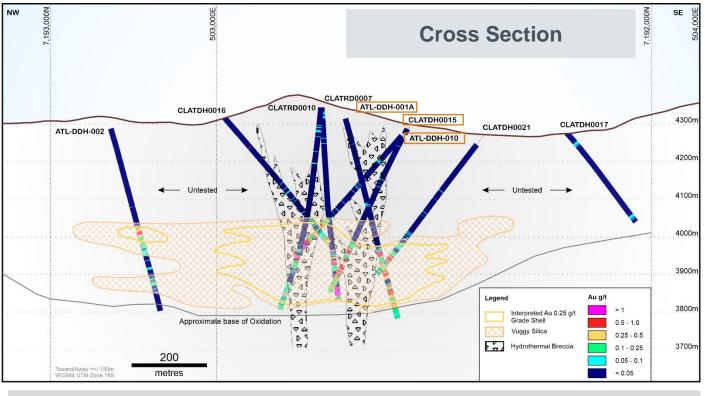
^{*} Goldfields Limited – Mineral Resources and Mineral Reserves Supplement to the Integrated Annual Report 2020

- Mio-Pliocene age mineral belt
- 70 km north of Salares Norte, Chile
- 32,000 ha
- High sulfidation epithermal (HSE) gold property
- To date approx. US\$17M spent and 17,066m drilled
- 2,500m RC drill program ongoing
- 6,000m of drilling in 2022 to maintain Option agreement
- Newcrest International Pty Ltd. (NCM)
- NCM exercised initial option in Dec 2020 with US\$ 500k payment
- NCM to complete a minimum US\$15M in additional exploration expenditure for 51% project ownership
- Delivery of a positive Feasibility Study for 75% project ownership
- A large land package containing nine projects in the Gorbea Belt
- Large outcropping gold systems identified at the Atlas and Titan
- Atlas target: expansion potential indicated by the geochemical footprint is larger than the area covered by the drilling
- El Dorado target: 10 km SE of Atlas. New targets defined by new geological mapping and CSAMT resistivity anomalies



Atlas Target – Exploration Results



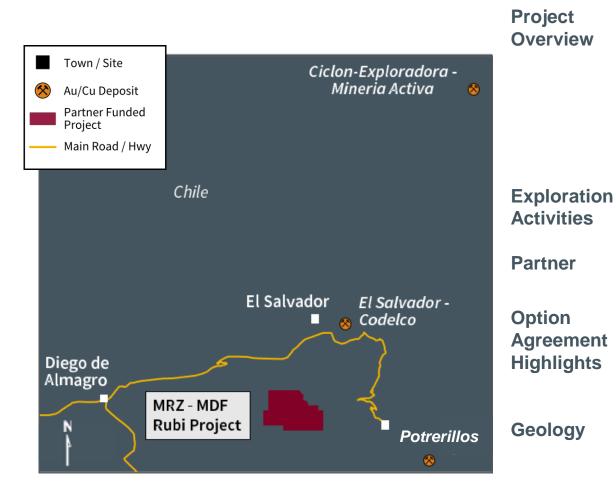


Exploration highlights to date:

- Defined a large, low-grade envelope of mineralization measuring some 865 x 600 x 240m
- Some of the best continuous drill intersections to date include:
 - 114m at 1.07 g/t Au including 36m at 2.49 g/t Au, and
 - 129m at 0.54 g/t Au including 10m at 2.09 g/t Au

TSX-V: MRZ ■ OTCPK: MRZLF

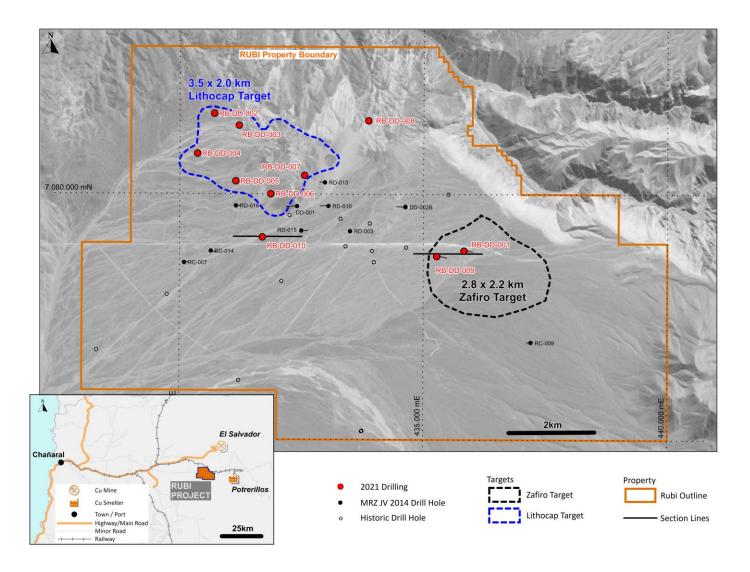
Featured Project – Rubi Cu



- Paleocene age mineral belt, northern Chile
- 7,500 ha
- Porphyry copper project
- Lies at relatively low elevation (1,900 2,100m ASL)
- Year-round access via well maintained gravel roadways
- Adjacent townships with a trained mining workforce, nearby roads, power, water grid and an operating mill and smelter
- 1,887m drill program completed
- Deep-sensing IP and MT geophysical program for Q1 2022
- Mine Discovery Fund Pty Ltd. (MDF)
- Executed in October 2020
- Delivery of a Prefeasibility Study Report for 80% project ownership
- Minimum US\$1M/year in exploration expenditure
- Mirasol acting as the operator
- Two large-scale targets (Lithocap and Zafiro) are identified with potential to host a large-scale porphyry deposit
- 2021 drilling has identified a large and strongly developed porphyry-style alteration system



Rubi – Exploration Program



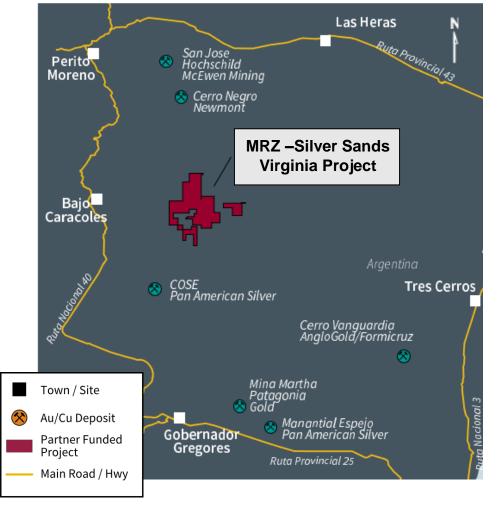
Multiple indicators of proximity to a potential covered and well mineralized porphyry Cu system:

- Occurrence of porphyritic daci-andesite intrusive rocks and hydrothermal brecciation that exhibit strong quartzsericite (phyllic) alteration overprinting now relict K-feldspar alteration that host trace fine pyrite-chalcopyrite-magnetite mineralization.
- Good ground preparation, which is critical for mineral deposition with strong to locally intense fracturing infilled with late gypsum/anhydrite and calcite veining.
- Presence of anomalous Cu, Mo and locally elevated As geochemistry results over substantial intervals.



TSX-V: MRZ ■ OTCPK: MRZLF

Featured Project – Virginia, Argentina



Refer to Amended NI 43 -101 technical report filed February 29, 2016

Project Overview

Exploration Activities

Partner

Option to Purchase Agreement Highlights

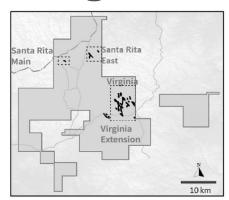
Geology

- Santa Cruz, Argentina
- 74,429 ha
- Low sulfidation epithermal (LSE) silver vein prospect
- 70 km south of Newmont's Cerro Negro Mine
- 160 km north of Pan American Silver's Manantial Espejo Mine
- Phase I and II (5,935m) drill programs completed
- +2,700m Phase III drill program initiated in October 2021
- Silver Sands Resources Corp.
- Executed in May 2020 with a three-year term
- US\$6M exploration expenditure to earn 100% project ownership
- Mirasol as the exploration program operator
- Mirasol to participate with 20% shareholding and 3% NSR royalty
- Seven silver deposits outlined by over 23,000 m of diamond drilling
- Approx. 7.6 km of outcropping mineralized epithermal veins
- NI 43-101 within conceptual pit resource
 - Indicated: 11.9 Million oz contained within 1.197 Mt at 310 g/t Ag
 - Inferred: 3.1 Million oz contained within 0.460 Mt at 207 g/t Ag
- Phase I and II drill program results confirmed strong potential for resource expansion

[1] The Qualified Persons responsible for this amended Technical Report were commissioned by Mirasol Resources Ltd. to review all geologic, geochemical, geophysical, surface trenching, diamond drill core sampling and metallurgical recovery data pertaining to the Virginia Project for the purpose of completing a Mineral Resource estimate in accordance with the guidelines of the Canadian Institute of Mining and Metallurgy (CIMM). For calculating conceptual pits, a silver price of US\$20 per ounce was used. Sensitivity analyses by the Qualified Persons indicate that the Mineral Resources are not particularly sensitive to operating costs or silver price fluctuations. Mineral Resources which are not Mineral Reserves do not have demonstrated economic viability.



Virginia – Exploration Program



LEGEND

O Previous Mirasol DDH collar (2010-2012)

DDH Completed in Phase II (3,104m)

● DDH Completed in Phase I (2,831m)

Mineralized Structures

Vein Shoots

Continuous Vein Outcrop

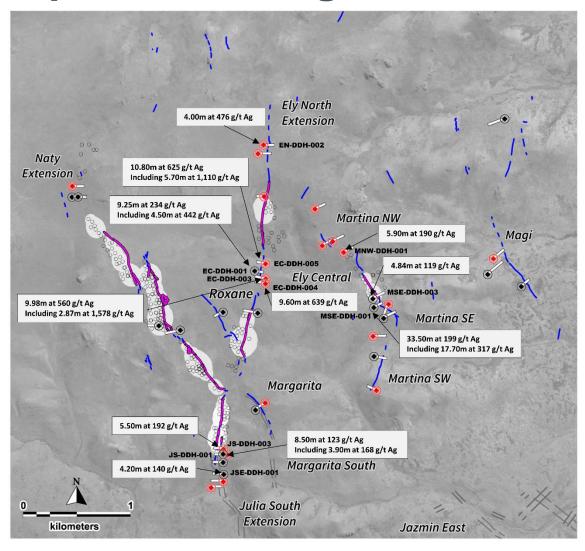
Discontinuous Vein Outcrop

=== Corridor of Mineralization

1

Conceptual Resource Pits at US\$20 Ag (63 g/t Ag Cutoff)

Refer to Amended NI 43 -101 Technical Report filed February 29, 2016



5,935m Phase I and II drill programs completed

2,700m Phase III program ongoing

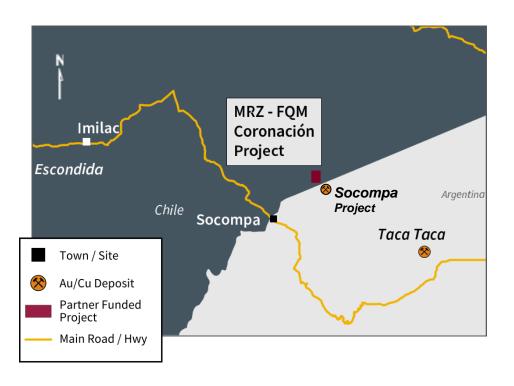
Highlights from Phase I and II Drill Results

- Confirmed the potential for new well-mineralized structures to expand outside of the current NI 43-101 resource area
- Encountered significant intercepts at the gaps and extensions of the principal veins (Ely Central, Ely North, Martina NW and Julia South) which confirmed the potential for new mineralization to be defined in this system



TSX-V: MRZ ■ OTCPK: MRZLF

Coronación Copper/Gold Project



Project Overview

- Mio-Pliocene age mineral belt, northern Chile
- 1,200 ha
- Porphyry Cu and HSE gold project
- 80 km E of Escondida and 240 km ESE from Antofagasta
- Accessible to the main road to the Socompa international pass
- Advance and test porphyry Cu target defined
- First Quantum Minerals (FQM)
- Executed in September 2019
- Annual cash payments totalling US\$875,000
- Minimum 10,000 m of drilling
- Delivery of a NI 43-101 Prefeasibility Study Report for 80% project ownership
- Surface sampling, alteration and geological mapping and geophysical surveys have outlined an attractive porphyry target that displays characteristics similar to other Miocene age porphyry Au-(Cu) systems in the highly productive Maricunga belt

Exploration Activities

Partner

Option Agreement Highlights

Geology



Nord Polymetallic Project



Project Overview Eocene-Oligocene Copper Porphyry belt of northern Chile

■ 1,967 ha

Altitude of 3,200 to 3,900m ASL

Polymetallic Intermediate Epithermal and Porphyry prospect

Exploration Activities

Scout drill program completed in Q2 2021

1,200m drill program ongoing

Partner

Encantada SpA, an affiliate of Mineria Activa

Option Agreement Highlights

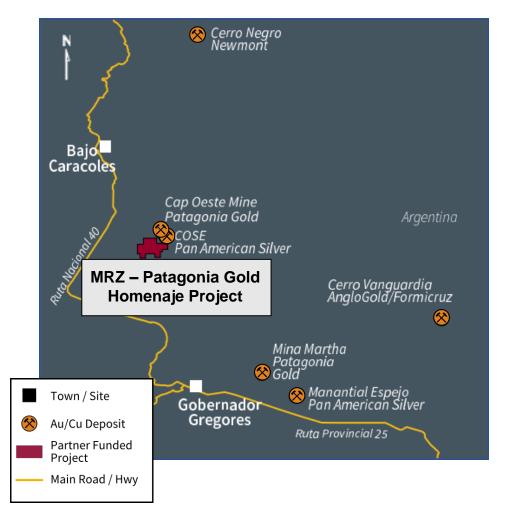
- Executed in September 2020, four-year term
- Annual cash payments totalling US\$3M for 100% project ownership
- US\$500k exploration expenditures over two years
- 2% NSR retained by Mirasol

Geology

- Multiple NNE trending mineralized corridors identified on the property
- Potential for vein type polymetallic (Cu, Zn, Pb, Ag, Au) epithermal and Porphyry style mineralization



Homenaje Gold/Silver Project



Project Overview

- Santa Cruz, Argentina
- 11,056 ha
- Low sulfidation epithermal gold/silver prospect
- Located at the western margin of the Deseado Massif
- 3 km south and southwest from the COSE and Cap Oeste mines operated by Pan American Silver and Patagonia Gold

Partner

Patagonia Gold Corp.

Option Agreement Highlights

- Executed in April 2021 with a six-year term
- Delivery of a NI 43-101 Prefeasibility Study for 75% project ownership
- US\$ 400k committed within the first 18 months and 2,500m of drilling
- Minimum of US\$ 2.55M exploration expenditure over term

Geology

- Four northwest trending prospective structural trends identified
- Similar geologic characteristics to those of the adjacent COSE and Cap Oeste mineralized areas
- Small erosional windows show Middle to Upper Jurassic tuffs assigned to La Matilde Formation, which hosts localized hydrothermal breccias, veinlets and stockworks of chalcedonic quartz

RESOURCES LTD

Libanesa Gold/Silver Project



Project Overview Santa Cruz, Argentina

14,500 ha

Low sulfidation epithermal gold/silver prospect

Located at the NE margin of the Deseado Massif

40 km NW of the Cerro Moro Mine - Yamana Gold

50 km E of the Don Nicolas mine - Cerrado Gold

Partner

Option Highlights Golden Arrow Resources Corp.

Executed in October 2021 with a six-year term

 Initial US\$500k and minimum of 2,000m drilling committed by the end of second year

US\$ 1M in payments over term

Minimum of US\$ 4M exploration expenditure over term

Geology

Hosting several diversified geological, geochemical and geophysical supported drill targets:

 Cerro Plomo prospect is characterized by a well mineralized Au/Ag hydrothermal breccia that is exposed at surface

 Libanesa Main prospect has peripheral polymetallic veins are supported by strong base metal +/- Au mineralization

Lagunita prospect reported some encouraging rock chip Au values from more typical low sulfidation type epithermal veins and breccias

TSX-V: MRZ - OTCPK: MRZLF

RESOURCES LTD

Summary

QUALITY EXPLORATION TARGETS

Gold, Silver and Copper

STRONG FINANCIAL POSITION AND PARTNERS

MULTIPLE PLANNED DRILL PROGRAMS

Gorbea / Virginia / Nord / Sascha Marcelina → Drilling before year end Pipeline of projects to be drilled: Altazor, Coronación, Libanesa, Homenaje, Rubi,...

→ POSITIONED FOR SUCCESS





TSX.V: MRZ

OTCPK: MRZLF

For Further Information:

Tim Heenan, President Jonathan Rosset, VP Corp. Development

Tel: (604) 602 9989

Email: contact@mirasolresources.com
Website: www.mirasolresources.com

