



MISTANGO RIVER
RESOURCES

Building The Next Canadian Gold Story

High Quality Gold Projects in Kirkland Lake and Thunder Bay

Investor Presentation
Q2 2024

Building The Next Canadian Gold Story

KIRKLAND LAKE DISTRICT



- 40+ Moz past production
- Kirkland West Property – Adjacent to Agnico’s Macassa Mine = the highest grade mine in Canada
- Omega Mine – Past producer – Indicated resource 219k oz – Inferred resource 365 k oz

THUNDER BAY – SHEBANDOWAN GOLD DISTRICT



- Large 90km² land package
- Emerging but highly underexplored camp
- Currently drilling new target areas in the camp
 - ❖ 1,400m drill program underway

WELL FUNDED



- \$7MM market cap.
- \$4MM working capital
- Supportive Shareholders
 - ❖ Agnico Eagle 8%
 - ❖ Eric Sprott 12%
 - ❖ OreCap 14%

EXPERIENCED MANAGEMENT + BOARD



- Experienced Management.
 - ❖ Capital markets
 - ❖ Technical
 - ❖ Operational
 - ❖ Finance
- Ore Group – Track Record of building successful exploration companies

STRATEGIC M&A FOCUS



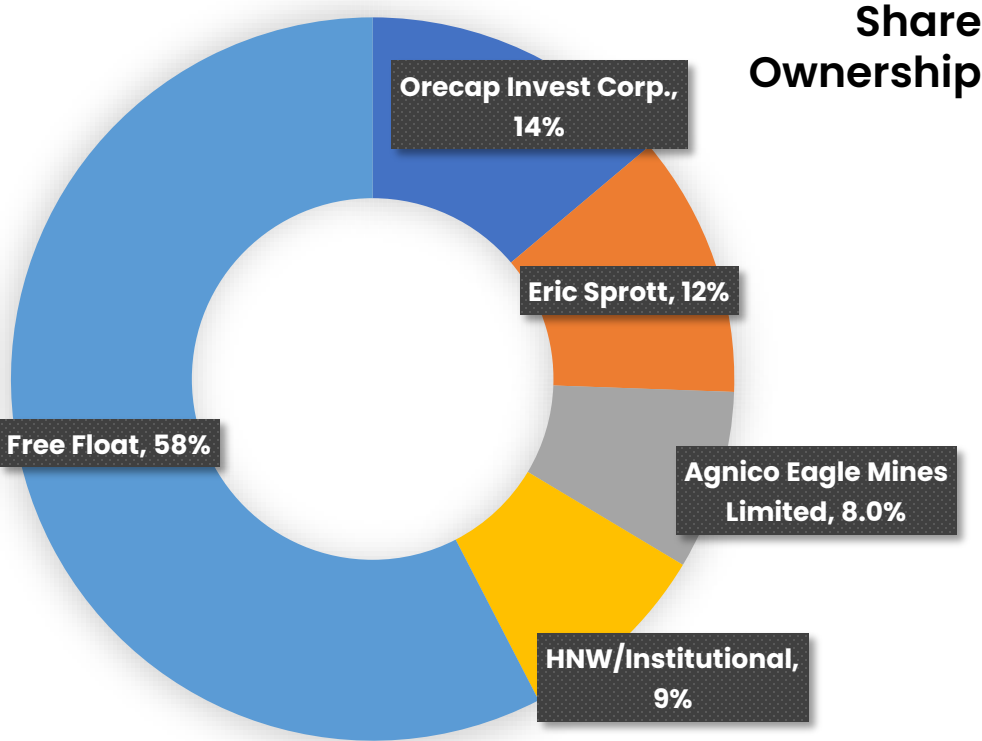
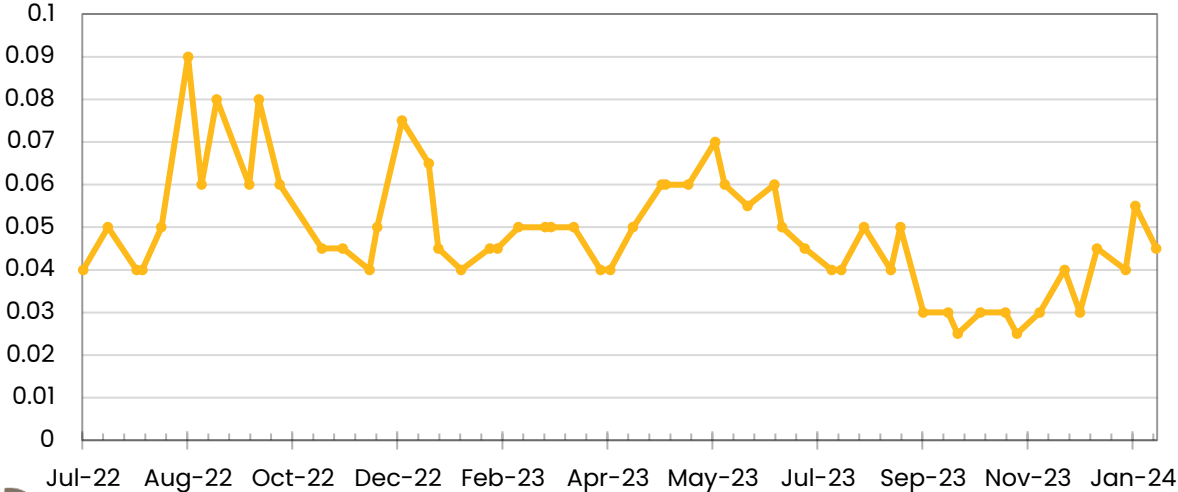
- Capitalize on our bench strength to look at accretive property acquisitions that make sense
- Access to capital
- Tier 1 Jurisdictions

Capital Structure

Canadian Securities Exchange	MIS:CSE
Common Shares Outstanding (m)	178.2
Warrants (m) (@ \$0.10)	13.4MM
Options (m)	8.5MM
Share Price (2024/03/31)	\$0.04
Basic Market Capitalization	~\$7MM
Cash and Marketable Securities*	~\$2.2M Cash & receivables ~\$1.2M Marketable Securities

* As at September 30, 2023

Stock Chart



Board & Management



Jamie Spratt | CEO

- Over 15 years of mining-focused capital markets experience
- Experience in equity research and investment banking
- Previously Partner + Equity Research Analyst at Clarus Securities Inc.



Antoine Schwartzmann | Geology Manager

- Project Geologist managing and coordinating exploration activities
- BSc and MSc in Geology



Joel Friedman | CFO

- Over 10 + years' experience in the Mining Industry
- Held Senior Roles at Banro Corporation and Primero Mining Corporation
- Holds CPA, CA, and Honours Bachelor of Business Administration



Tony Moreau | Director

- CEO of American Eagle Gold (AE: TSX.V)
- 10 years + of experience in the mining industry Previously with Iamgold
- Director of the Young Mining Professionals Toronto and co-founder of the YMP Scholarship Fund.



Stephen Stewart | Chairman

- 15 years of experience in the resource and finance industries
- Focused on the M&A, exploration and development of resource assets
- Held senior offices with numerous TSX Venture companies



Alexander Stewart | Director

- Over 40 years of experience in the practice of securities law and natural resource investment
- In the past he was the founder behind a number of mining projects including the Côté Lake Project and the Eagle One deposit



Charles Beaudry | Director

- Geologist with more than 35 years of experience across the globe
- 17 years with Noranda-Falconbridge-Xstrata as well as a tenure with IAMGOLD as General Manager of New Business Opportunities



Michael Mansfield | Director

- Over 20 years experience as an investment advisor and is currently a Vice-President Industrial Alliance Securities
- Track record of successfully taking public over 100 companies via qualifying transaction by Capital Pool Corporations and secondary financings

Mistango: Part of ORE GROUP

Ore Group consists of in-house technical and financial expertise & is focused on premier jurisdictions & on metals with strong, long-term fundamentals



METAL ENERGY MERG: TSXV

Nickel, lithium exploration, discovery & development



BASELODE ENERGY FIND: TSXV

High-grade near surface uranium in Saskatchewan



MISTANGO RIVER MIS: CSE

Copper & Gold in Ontario & Quebec. Strategic investors incl. Agnico Eagle & Eric Sprott



AMERICAN EAGLE GOLD AE: TSXV

British Columbia focused Copper & Gold exploration



QC COPPER & GOLD QCCU: TSXV

Quebec focused developer of the Opemiska Mine in Chibougamau, QC



CUPRUM (private company)

Developing Ontario's largest copper project – Thierry Mine, Pickle Lake



ORECAP OCI: TSXV

Strategic investors incl. Agnico Eagle & Eric Sprott

AWALE ARIC: TSXV

Newmont-backed, IOCG Project in Cote d'Ivoire



The Kirkland Lake District



Home To Two World Class Mines, Both Of Which Mistango Is Adjacent:

- Macassa – highest grade gold mine in Canada – increasing to production of ~300k oz/year by 2025;
- Kerr Addison – over 11 Moz production to 1996



40,000,000 ounces of historical production



Multiple Deposits and Major operators including Agnico Eagle Mines



Infrastructure, labour pool, local support, government support



Macassa Mill, Kirkland Lake ON

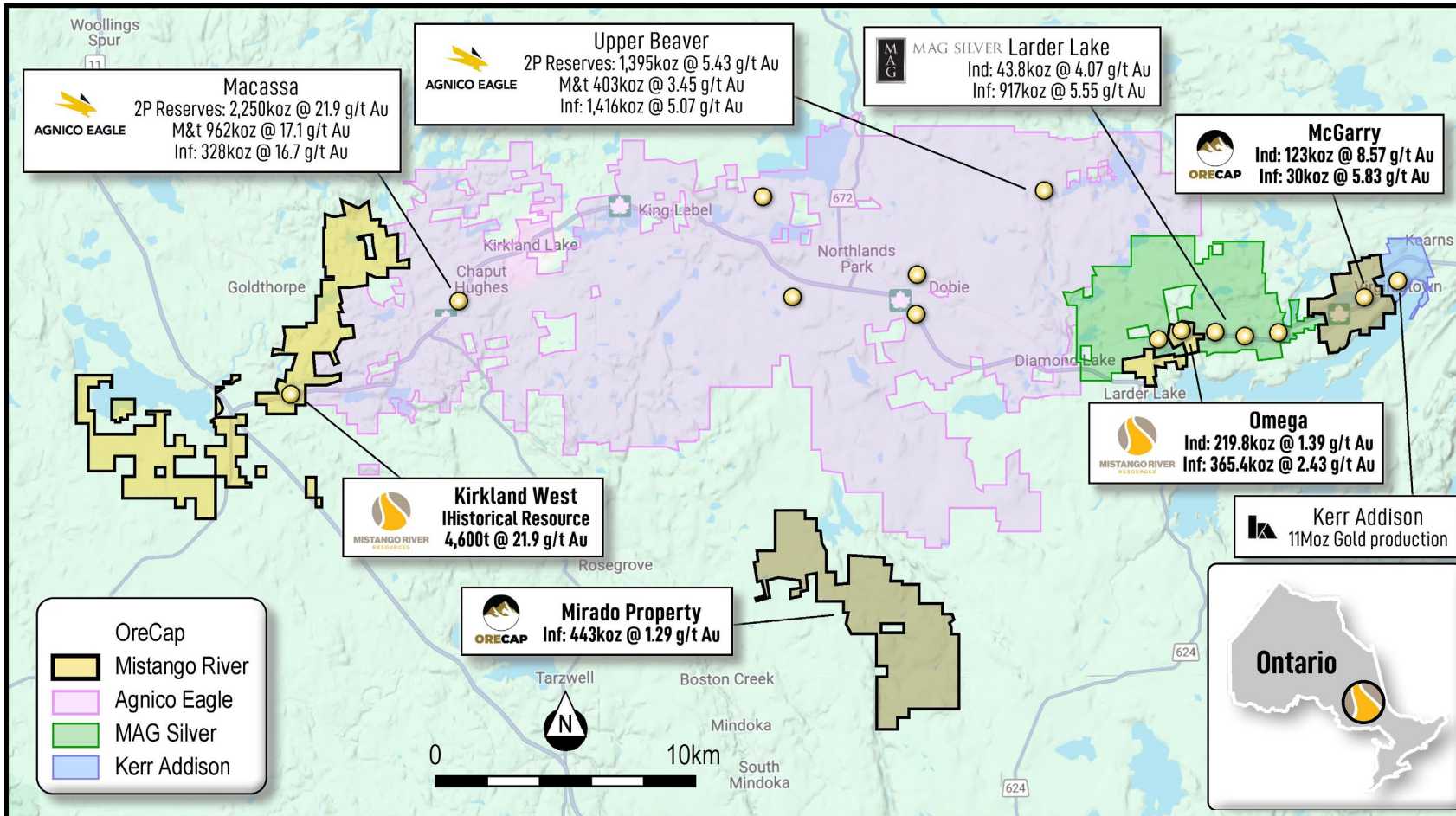
Omega Project. Strategic Land Position in a Prolific Camp

An Established High Grade Near Surface Resource With Expansion Potential

Omega Adjacent to:



- Kerr Addison Mine – 12 Moz Gold Produced
- Agnico Eagle’s Upper Beaver Project; ~3M ounces Gold in development
- MAG Silver’s recently acquired Larder Lake Project ~1M ounces Gold for ~\$20MM (Gatling Exploration)
- Orecap’s past producing McGarry Mine



Omega Project

Historic Data

- Historic production: 217,500 oz Au at an estimated grade of 5.4 g/t.
- Updated Resource Estimate in 2013
 - 4.92 Mt @ 1.39 g/t ; 219 Koz Au (Indicated);
 - 4.69 Mt @ 2.43 g/t ; 365 Koz Au (Inferred)
- Infrastructure: On highway with grid power accessible and > 30,000 metres of prior drilling in database

Drill Results 2022 – Key Intercepts

- OMG22-006: 13.83g/t Au from 33 to 34 meters and 2.56g/t Au from 165 to 169 meters, including 3.82g/t Au from 165 to 167 meters
- OMG22-001: 2.81g/t Au from 162 to 163 meters
- OMG22-003: 0.58g/t Au from 380 to 388 meters and 1g/t Au from 467 to 469 meters, including 1.82g/t Au from 468 to 469 meters and 0.72g/t Au from 574.64 to 578.5 meters, including 1.23t/t Au from 575.64 to 576.64 meters

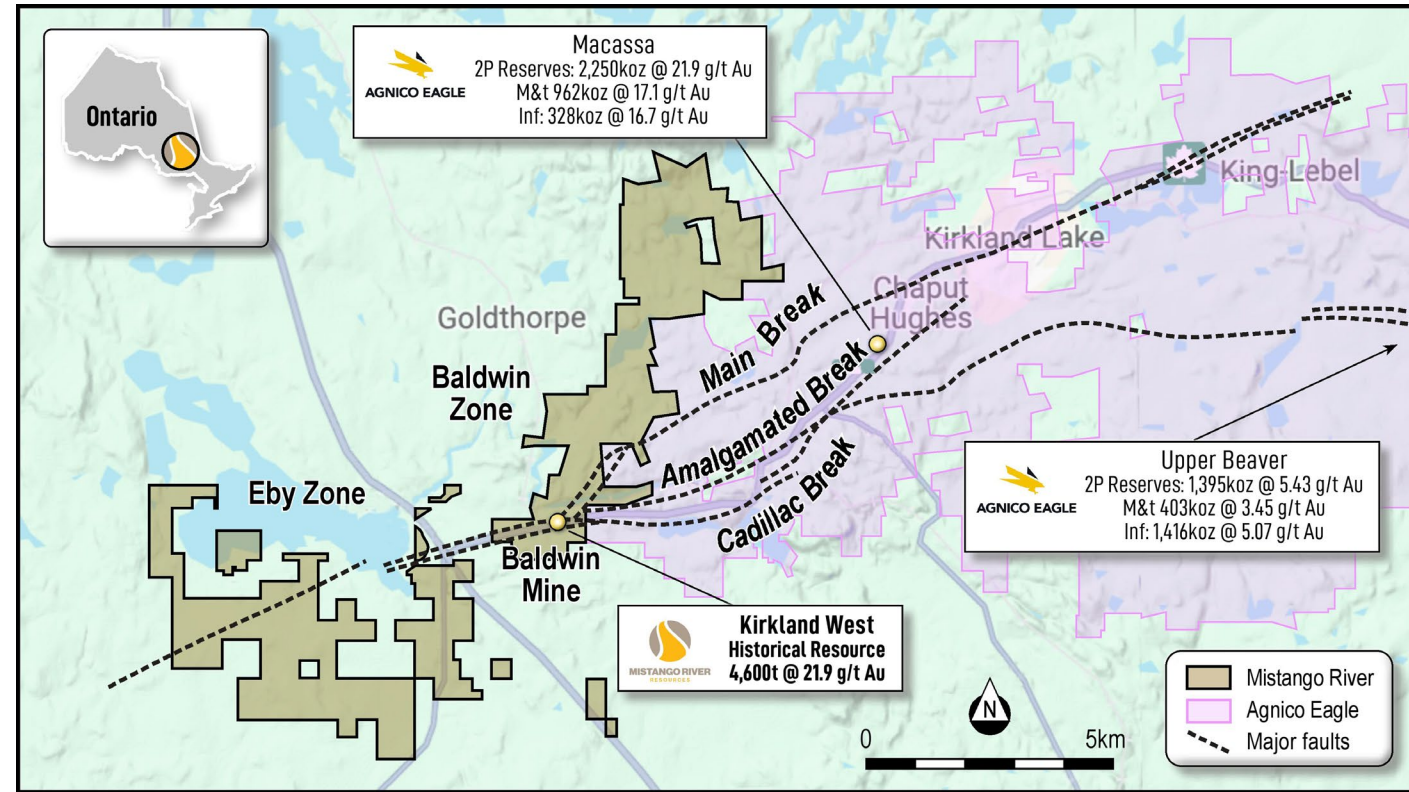
Drill Plans 2024

- Mistango is planning to follow up this program at Omega to expand the known high-grade zones and test for additional gold zones.
- Evaluating the next round of drilling to test beneath previous high-grade intercepts on Omega.

Kirkland West Project

Located Contiguous to a Multi Million Ounce Producing Mine

- ✓ 100% Interest in the Kirkland West Project
- ✓ Operating in an established mining camp with good infrastructure, access and mining suppliers
- ✓ Located next to Agnico Eagle's multi-million ounce Macassa Mine currently producing 200+ k oz annually. Macassa's reserve grade of 21.9 g/t makes it the highest grade operating mine in Canada.
- ✓ Key faults – the Main and Amalgamated Breaks that are host to Macassa trend southwest directly through the Kirkland West property



Kirkland West Project

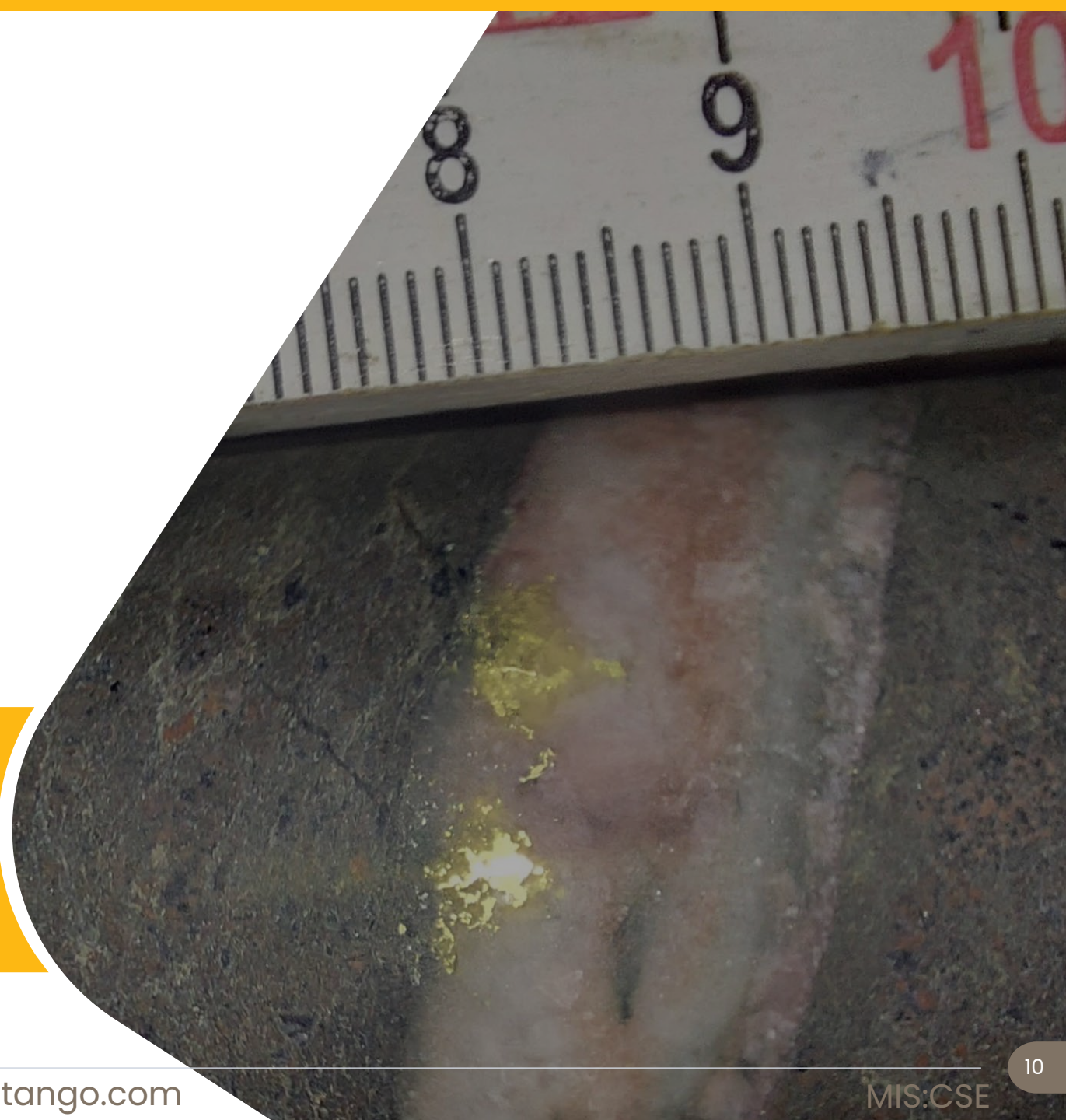


Drill Results 2022:

BAL21-024 – Visible Gold

- Assay returned 86.2 g/t over 0.5 metres beginning from 922.81 metres
- A second intersection of 5.11 g/t gold over 0.97 m beginning from 1079.15 metres

Mistango is evaluating its Kirkland West exploration and drill budgets for 2024.



Goldie Project

With The Acquisition Of Goldie, Mistango Increases Its Exposure To Gold Within the Thunder Bay District.



Mistango owns 100% interest in the 89 square KM Goldie Project



Excellent access to infrastructure

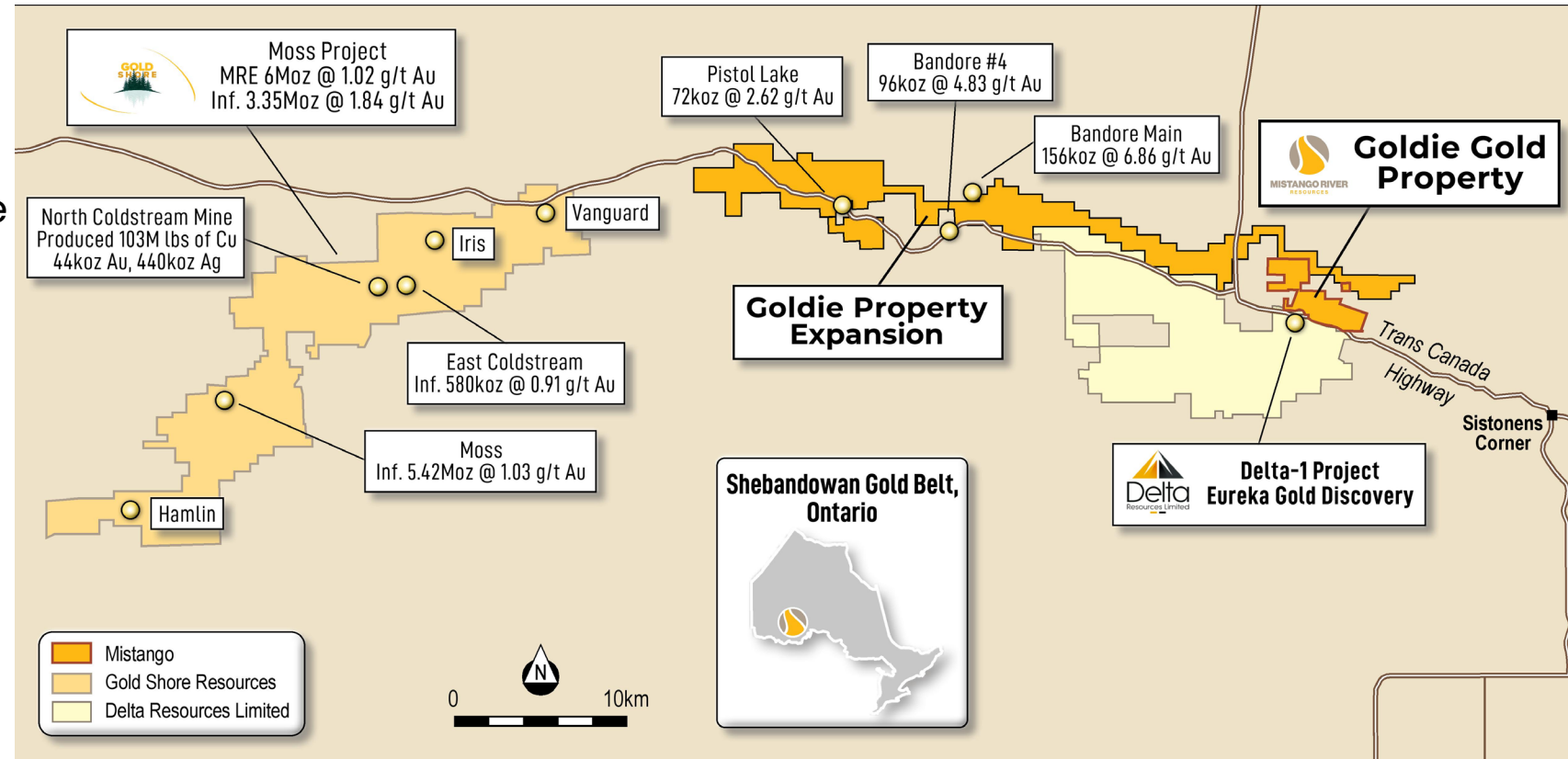


Direct Highway Access



Adjacent to Delta Resources (DLTA: TSXV) Delta-1 Project.

Delta-1 reported multiple holes of visible gold, including an intersection of 11.9 m of 14.8 g/t gold within a broader interval of 31.0 m of 5.92 g/t gold.



Goldie Project



Goldie Project Drill Program:

- Phase 1 – 3,000 metre – 30-hole RC drill program completed
 - Assays Include – See news release March 8, 2023
 - 14 m @ 2.02 g/t Gold from 153 m
 - 1 m @ 16.6 g/t Gold from 70 m
 - 16 m @ 1.13 g/t Gold from 48 m
- Phase 2 – 1,400 metre drill program underway.



Historic Drilling:

- Historical work demonstrates significant gold mineralized zones exist within the property.
- More than 4,000 metres of diamond drilling has been completed across various drill programs
 - GLD 07-10 – 1.56 g/t Au over 11.1 metres and, 1.91 g/t Au over 9.1 metres
 - GLD 07-24 – 8.95 g/t Au over 2 metres and, 1.73 g/t Au over 14.5 metres and, 1.68 g/t over 5.7 metres

Key Takeaways.

- ✓ Kirkland Lake – Quality assets in one of the world’s prolific gold camps
- ✓ Goldie Project – Large prospective land position in an emerging district
- ✓ Well-Funded with CAD\$3.4M in cash and marketable securities
- ✓ Experienced team leveraging the technical strength and access to capital of the Ore Group
- ✓ Laser focused on creating shareholder value + disciplined capital allocation



MISTANGO RIVER RESOURCES



416.644.1567



jspratt@oregroup.ca



55 University Avenue, Suite 1805, Toronto ON, M5J 2H7



Mistango_



Mistango River Resources



TheOreGroup

Forward-Looking Statements

- We are in the mineral exploration and development business. It is inherently risky, and all potential investors should be keenly aware of this.
- This presentation contains forward-looking statements. All statements, other than of historical fact, that address activities, events or developments that Mistango River Resources Inc. believes, expects or anticipates will or may occur in the future (including, without limitation, statements regarding the estimation of mineral resources, exploration results, potential mineralization, potential mineral resources and mineral reserves) are forward-looking statements. Forward-looking statements are generally identifiable by use of the words “may”, “will”, “should”, “continue”, “expect”, “anticipate”, “estimate”, “believe”, “intend”, “plan” or “project” or the negative of these words or other variations on these words or comparable terminology. Forward-looking statements are subject to a number of risks and uncertainties, many of which are beyond Mistango River Resources Inc.’s ability to control or predict, that may cause the actual results of the project to differ materially from those discussed in the forward-looking statements. Factors that could cause actual results or events to differ materially from current expectations include, among other things, without limitation, failure to establish estimated mineral resources, the possibility that future exploration results will not be consistent with Mistango River Resources Inc.’s expectations, changes in world gold markets and other risks disclosed to the Canadian provincial securities regulatory authorities. Any forward-looking statement speaks only as of the date on which it is made and, except as may be required by applicable securities laws, Mistango River Resources Inc. disclaims any intent or obligation to update any forward-looking statement. All currency numbers are in \$CAD unless otherwise stated.
- Important Note Regarding Historical Mineral Resources and Mineral Reserves
- Mistango cautions that a Qualified Person has not done sufficient work to classify the historical mineral resource estimates as current mineral resources or mineral reserves; Mistango is not treating the previous estimates as relevant or as current mineral resources or mineral reserves and the previous estimates should not be relied upon. Mistango considers these results as indications of the presence of mineralization on the property and will use the information to guide future exploration but the reader is cautioned not to rely on these estimates.