



Signature Resources Ltd.

Corporate Update

April 2024

FORWARD LOOKING STATEMENTS

The materials contained herein are for informational purposes only. This is not considered an offer or solicitation to sell securities in any company in any manner.

Except for the statements of historical fact contained herein, the information presented constitutes “forward-looking statements” within the meaning of the Securities Act (Ontario). Such forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievement of the Company to be materially different any future results, performance or achievements expressed or implied by such forward looking statements. There may be factors that involve risk and uncertainty that cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate as actual results and future events could differ materially from those anticipated in such statements. Accordingly, the reader should not place undue reliance on forward-looking statements.

To the investor. The technical information reported herein is in part historic in nature and was disclosed and recorded prior to the implementation of National Instrument 43-101 Rules and Policies, defining disclosure of scientific and technical information. The information has been verified and scrutinized to the extent that can be determined through a review and compilation of archival records, whether obtained from the public domain or from private sources. The technical information has been deemed to have been acquired, recorded and analyzed to acceptable industry standards at the time it was acquired. There is no reason to doubt the veracity of this information, however, confirmation of grades and mineralized extent has not been performed. The technical information contained in this presentation has been reviewed by Walter Hanych P.Geo, the Company’s CEO and President and a Qualified Person as defined in National Instrument 43-101.

The Company refers to a historical resource estimate of 234,648 ounces. This historical estimate is based on prior data and reports obtained and prepared by previous operators, and information provided by governmental authorities. A Qualified Person has not done sufficient work to verify the classification of the mineral resource estimates in accordance with current CIM categories. The Company is not treating the historical estimate as a current NI 43-101-compliant mineral resource estimate. Accordingly, this historical estimate should not be relied upon. Establishing a current mineral resource estimate on the Lingman Lake deposit will require further evaluation, which the Company and its consultants intend to complete in due course. Additional information regarding historical resource estimates is available in the technical report entitled, “Technical Report on the Lingman Lake Property” dated January 31, 2020, prepared by John M. Siriunas, P.Eng. and Walter Hanych, P.Geo., available on the Company’s SEDAR profile at www.sedar.com

Simple Approach with Key Pieces in Place



Established Gold Project with district Potential

- ✓ **Asset in a Tier-One Jurisdiction**
 - Prolific Red Lake District in Ontario, Canada
 - 100% owned near surface gold discovery, Lingman Lake Project
 - Open in all directions, drilled only to 200m depth
- ✓ **Developing Regional Infrastructure will improve access to project**
- ✓ **Multiple opportunities for new discoveries on huge land package**
 - 24,761 hectares covering 85% of 32Km wide greenstone belt
 - Package contains 1,318 claims

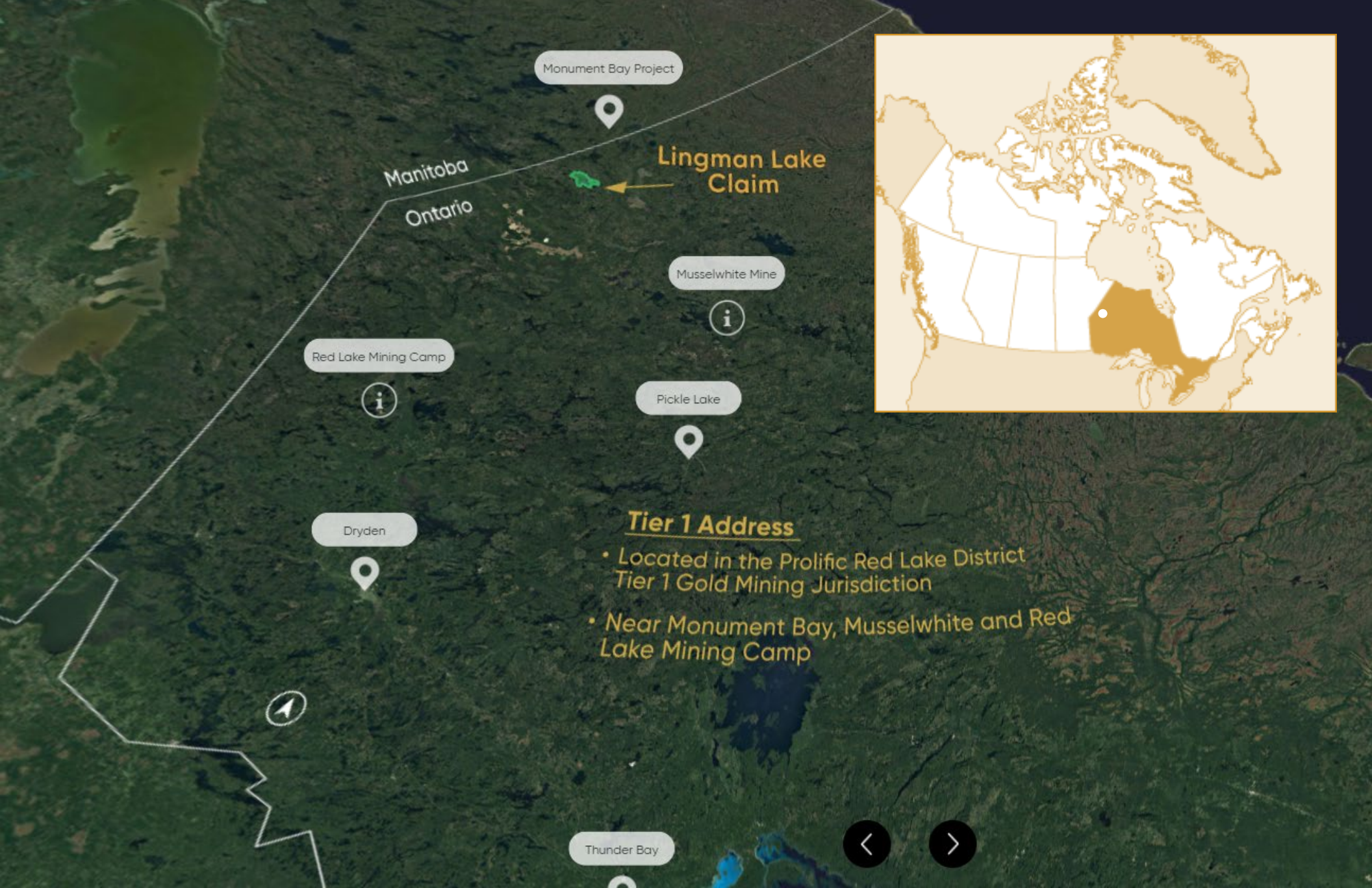
Focused Strategy to Demonstrate Value

- ✓ **Optimized strategy to advance the Lingman Lake Gold Project:**
 - **Complete foundational work** including updating geologic modeling, designing targeting 2024 drill program and completing field mapping program to help targeting new drill program and compiling historic work on the property.
 - **Complete new drill program** targeted to fill in known data gaps in the pit, provide better data on high-grade blocks discovered in the 1940's and better understanding of the overall mineralization controls.
 - **Complete Initial 43-101 resource estimate** to deliver confidence in the Lingman Lake Project.

Regional Targets Identified

- ✓ **Advancing regional growth prospects with over 14 high-potential targets identified:**
 - **Airborne geophysics and LIDAR completed** in 2021 on the complete 100% owned land package covering 85% of the entire Lingman Lake Greenstone belt
 - **Highly favorable geologic conditions** for the possibility of multiple gold discoveries

Tier-1 Location: near the Prolific Red Lake Gold District



Monument Bay Project

Manitoba
Ontario

Lingman Lake
Claim

Musselwhite Mine

Red Lake Mining Camp

Pickle Lake

Dryden

Tier 1 Address

- Located in the Prolific Red Lake District Tier 1 Gold Mining Jurisdiction
- Near Monument Bay, Musselwhite and Red Lake Mining Camp

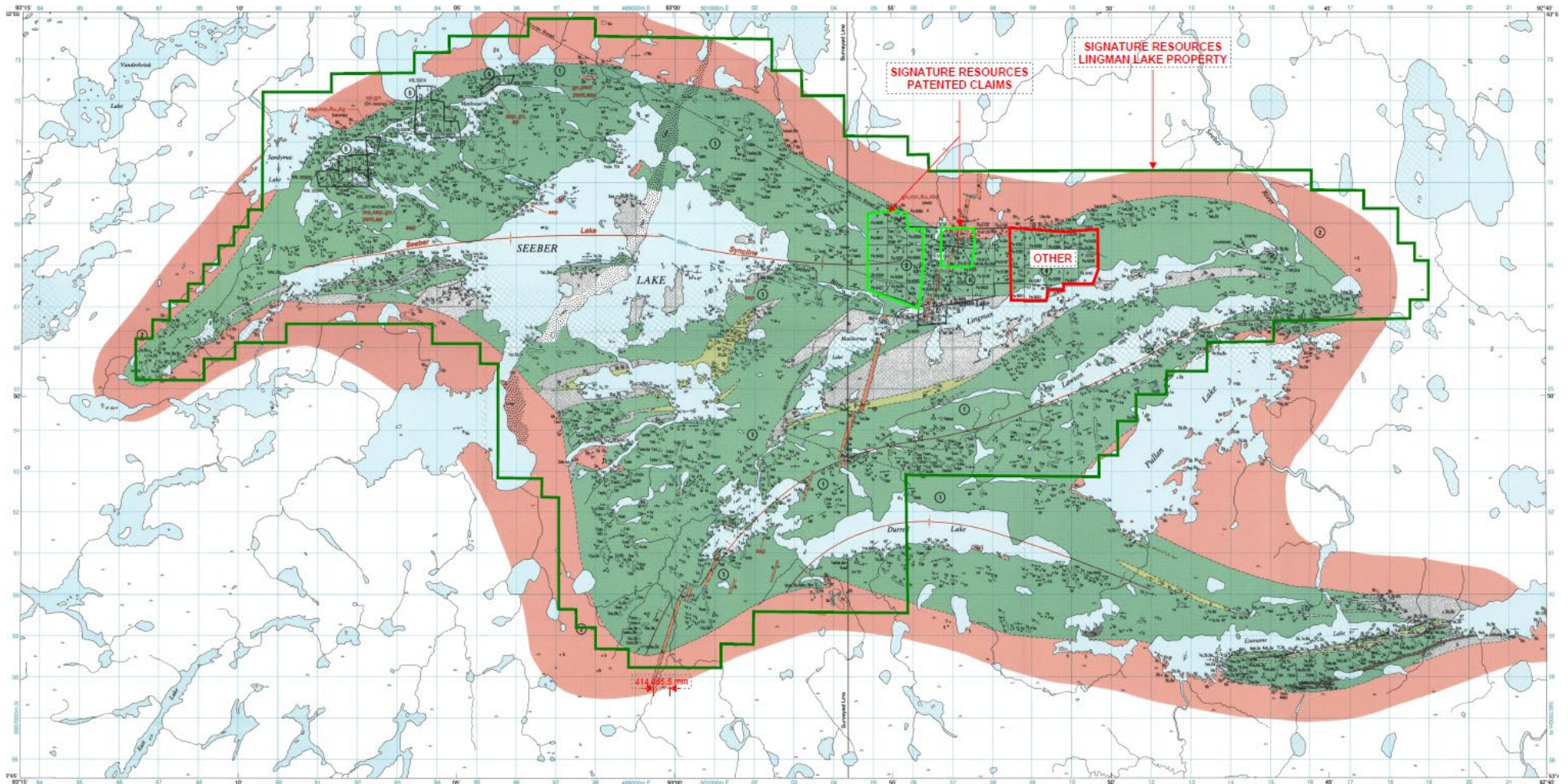
Thunder Bay

LINGMAN LAKE PROJECT HISTORY

- 1939-42: gold discovered in vicinity of Lingman Lake mine, probably South Zone area.
- 1945: diamond drilling commences.
- 1946: shaft sinking commences.
- 1945-49: 72 holes drilled totaling 10,562 m. 3 levels at 46 m, 84 m and 12 m depths (150L, 275L, 400L) established, serviced by 131 m deep shaft.
- Total workings 998 m of drifts, 235 m of X-cuts, 134 m of raises
- At mine closure 1949, 134,263 tonnes grading 14.1 g/t (60, 865 oz)
- 1949-1987 mine shuttered
- 1987-89: Massive Energy-Agassiz Resources-Twin Gold Mines drilled 176-holes totaling 28,847 m.
- Project closure
- 1996: Echo Bay Mines drilled 11-holes totaling 2,051 m outside the current four patented claims.
- 2013: Signature Resources acquired Lingman lake Mine patents from Cool Minerals and surrounding Crown staked claims from Anaconda gold . Property consists of 16-claims totaling 617-ha.
- 2017-2023: various staking campaigns and acquisitions by Signature Resources has resulted in land package of 1,300 staked claims, 4 mineral and surface rights patents, and 14 mineral rights patents totaling approximately 24,761 ha.

Large Contiguous Land Package

Over 30km long covering 85% of the prospective Greenstone Belt
3% NSR's on original claims with the rest of the ground being royalty free*



- NSR is with vendor who sold three properties to Signature – 1.5% NSR on each property can purchase back for \$1.5 million each
- Newly staked claims are royalty free

Power/Road Infrastructure Rapidly Developing Nearby

The Government Project is the construction, operation, maintenance and retirement of approximately 1,630 km of a 115kV, 44kV, 25kV alternating current transmission system, located north of Red Lake and Pickle Lake, to connect to 17 remote First Nation communities.

Construction Progress

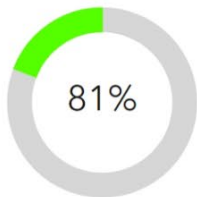
The dashboard was last updated on: April 2, 2024

The information presented on this page is based on reported progress from the constructor. Certain activities may be occurring on the ground before they are shown in this data due to factors such as: how activities are deemed "complete" in reporting, and the timing difference between work occurring and then being validated and reported on.

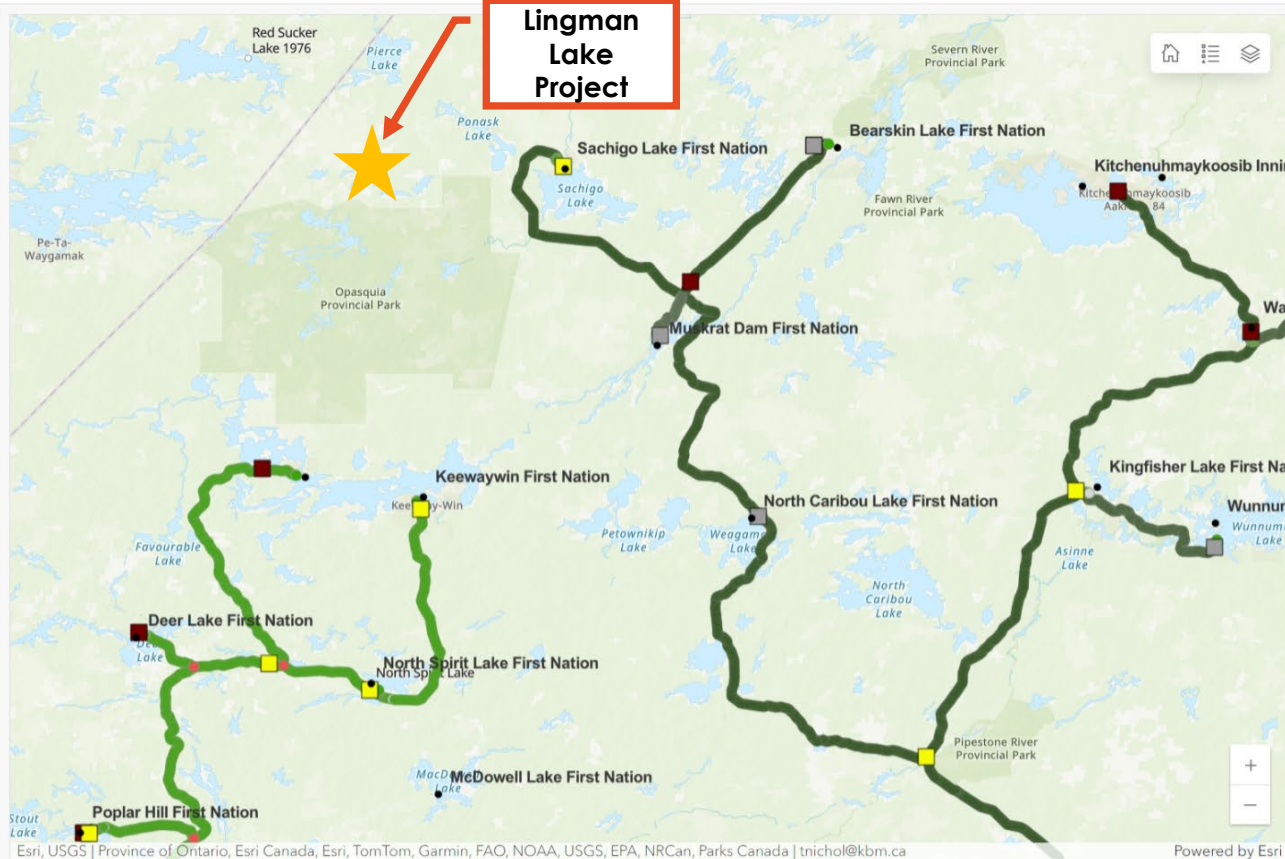
Clearing & Raking



Installed Structure Progress

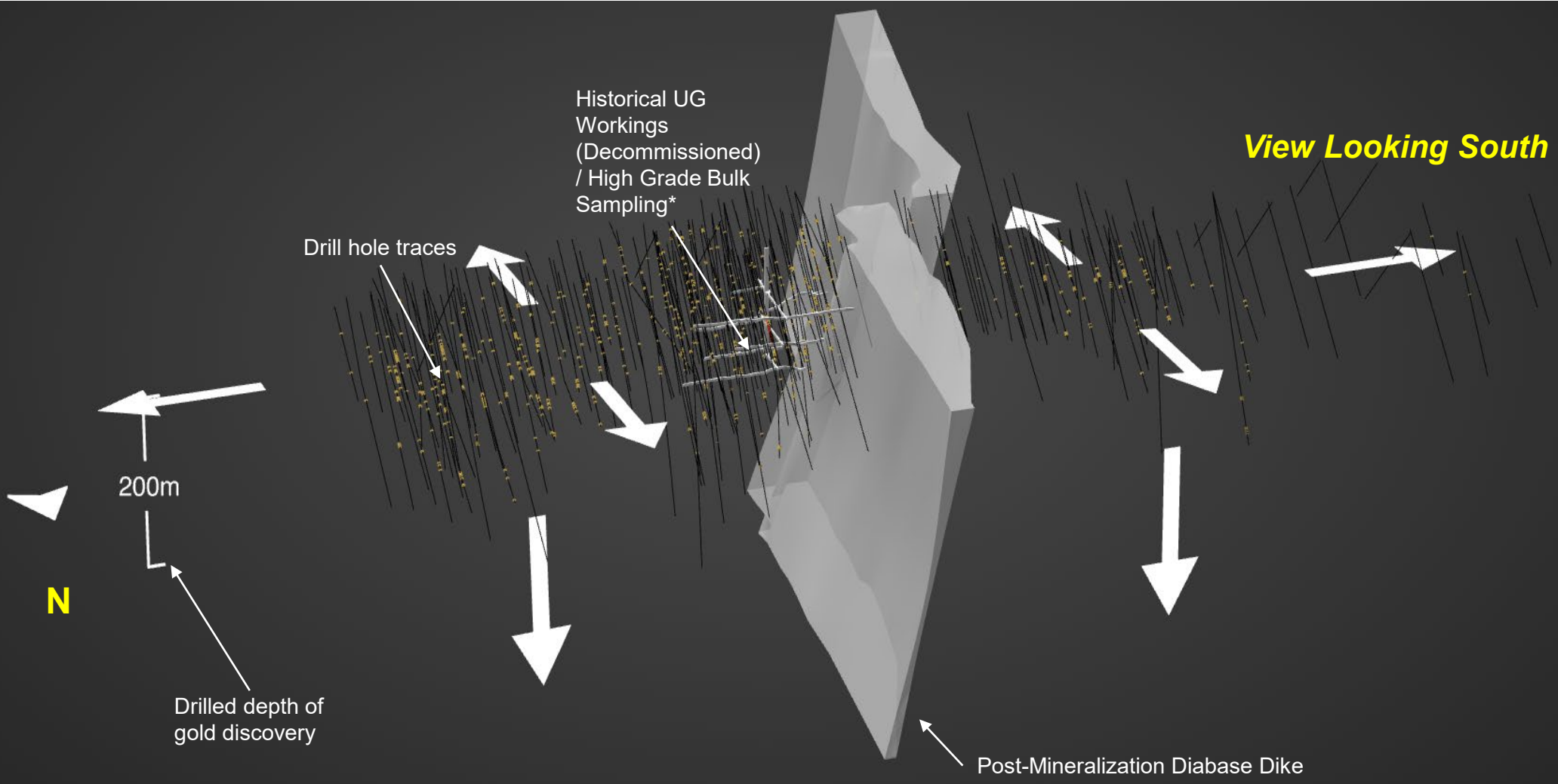


Stringing Progress



28,000m of Historical Drilling Completed

- Extensive near-surface gold mineralization discovered
- Historical drilling only down to 200m
- Open in all directions



* Composite of two bulk samples from the 150L and one sample from 275 level reported an assay of 19.3 g/t in 1948

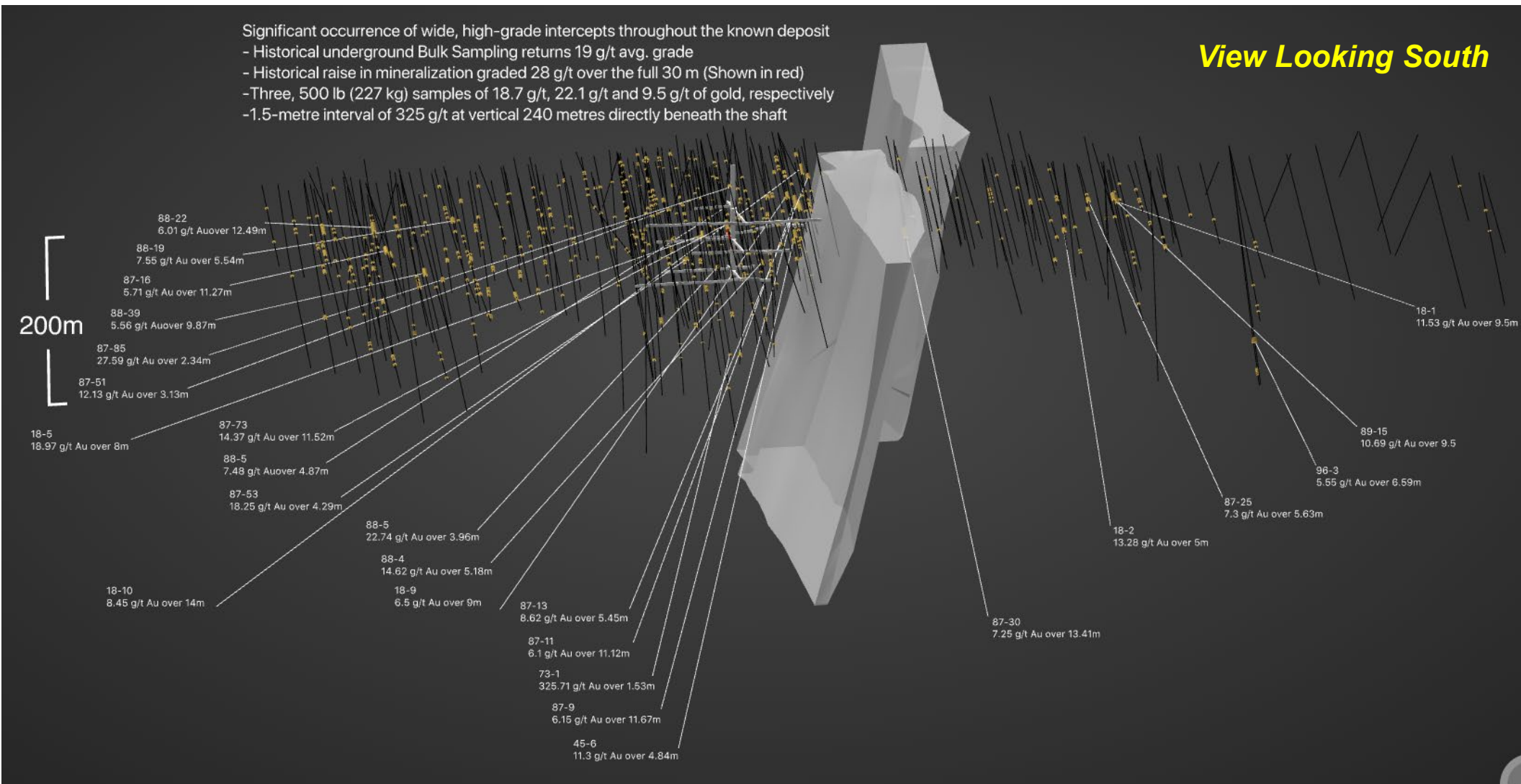
High Grade Gold Drill Results

- High-Grade gold pervasive across the entire known gold mineralization envelope

Significant occurrence of wide, high-grade intercepts throughout the known deposit

- Historical underground Bulk Sampling returns 19 g/t avg. grade
- Historical raise in mineralization graded 28 g/t over the full 30 m (Shown in red)
- Three, 500 lb (227 kg) samples of 18.7 g/t, 22.1 g/t and 9.5 g/t of gold, respectively
- 1.5-metre interval of 325 g/t at vertical 240 metres directly beneath the shaft

View Looking South



2024 Geologic Model

- Updated Geologic Model has Extended the high grade Mineralization (>5 g/t)
- Identified Moderate Grade Mineralization (>2g/t and <5 g/t) not previously a focus of the model

2024 Geologic Model

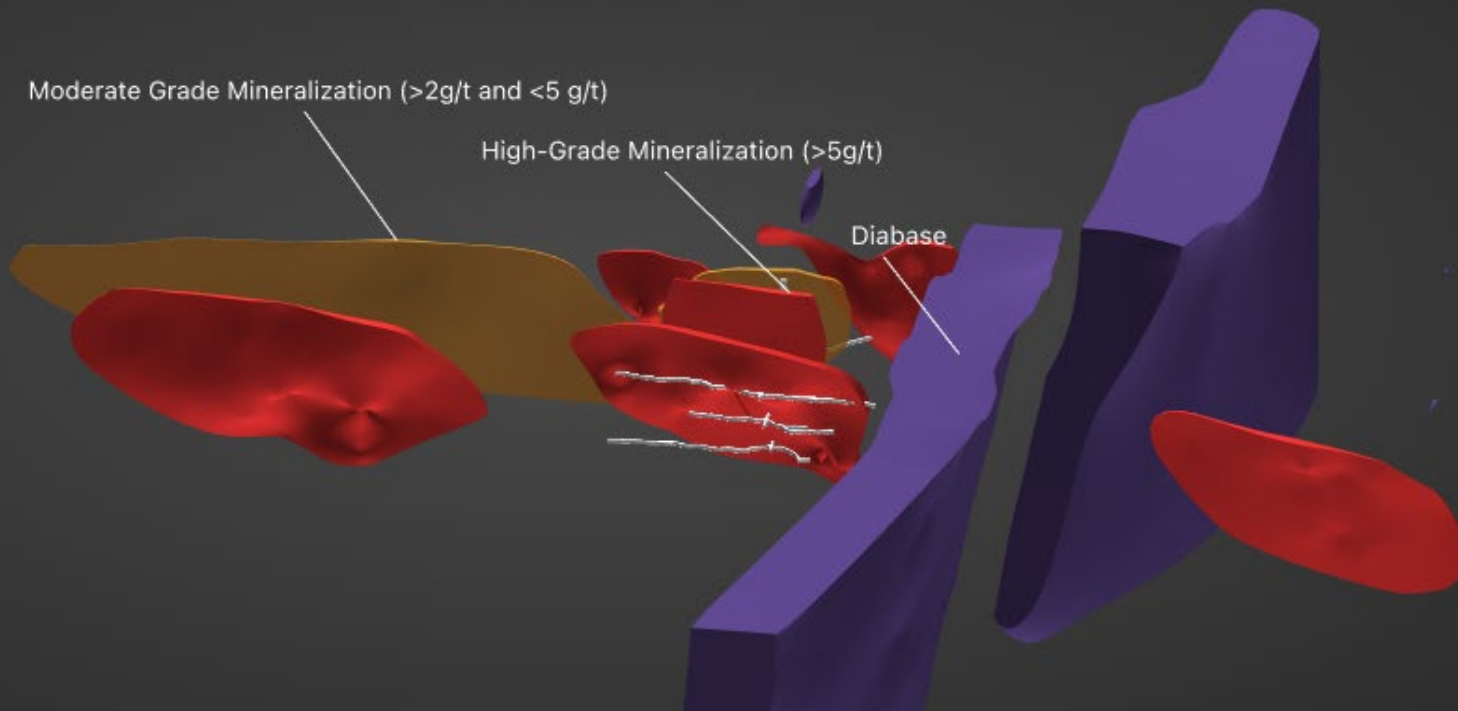
View Looking South

200m

Moderate Grade Mineralization (>2g/t and <5 g/t)

High-Grade Mineralization (>5g/t)

Diabase

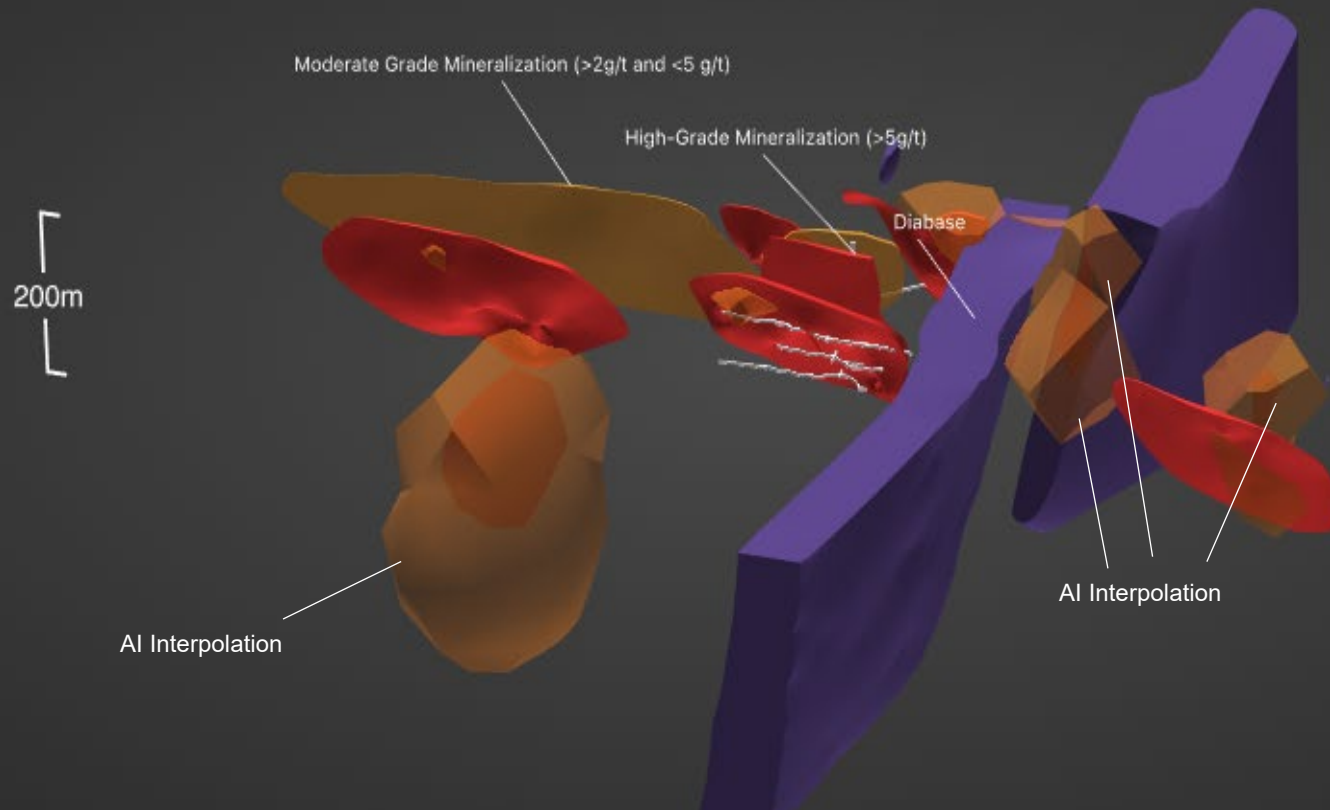


2024 Model with AI Intelligence Modeling

- Use of AI Modeling has identified several interesting areas with data gaps.
- Model reinforced by Geophysics strengthening Confidence

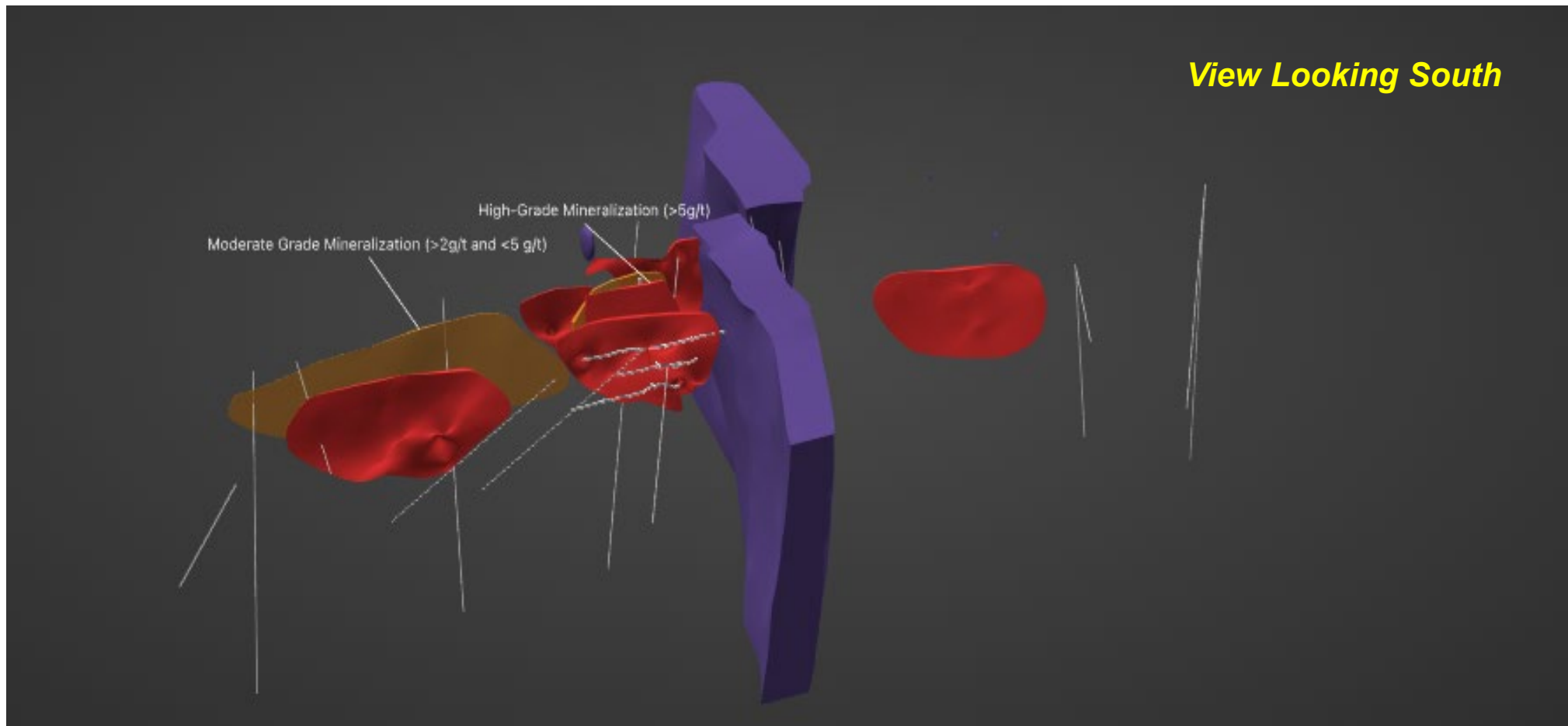
2024 Geologic Model with AI Interpolation

View Looking South



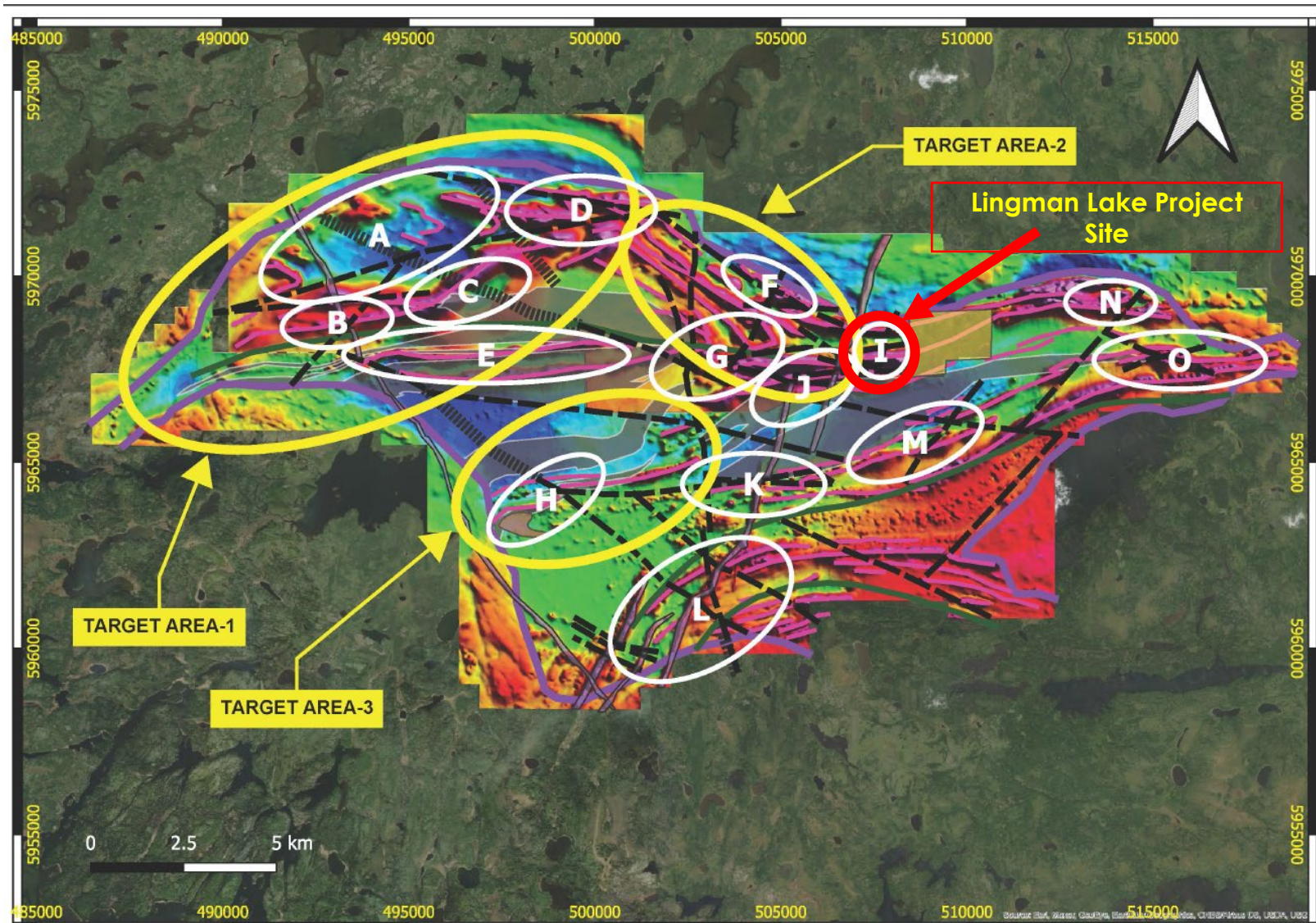
2024 Drill Program

- Approximately 5,000m drill program to be completed this year
- Completion of program will provide necessary data to complete initial NI 43-101



Vast Regional Discovery Potential and Growth Prospects

- Property-wide LIDAR and Geophysical surveys completed in 2021
- Preliminary regional exploration data assessments identified over 14 regional exploration areas
- **Major Potential Exists for New Regional Discoveries**



Pathway to Delivering Shareholder Value

Field Program and Drill Program Design

- Updated Geologic model used to design 2024 drill program to most efficiently use our exploration funds to enrich our understanding and knowledge of the Lingman Lake Project.
- Field program to improve structural mapping, nearby trenching review and locating any structural outcroppings to improve our drill program locations

Execute Drill Program and Update Modeling

- Complete new 5,000m drill program
- Will include full core assaying providing a total lithological gold distribution and a much richer data package about the mineralization contained in the envelope around the mineralized zones.

Complete Resource Estimate and Develop Resource Expansion Targets

- Complete initial NI 43-101 and review results
- Design new drill program to rapidly expand the resource at depth and on strike
- Regional work focused on top target(s) surface geologic work, mapping and test drilling

- **New geologic model completed by WGM has identified the best opportunities to improve the drill dataset, facilitated the the design of a targeted drill program to allow for the completion of the initial 43-101 resource estimate.**
- **Completion of initial resource will identify necessary drilling to rapidly expand the resource on the patented claims and will be the proof of concept for interested strategic partners.**

Why Own Signature?

What's Our Value Proposition

- ✓ 2024 will be a catalyst rich year
- ✓ Company has significant investment in its owned drilling rigs and exploration camp which improves control and efficiency over drilling operations
- ✓ Control over 85% of greenstone belt in a very favorable mining jurisdiction
- ✓ Improving regional infrastructure approaching the Lingman Lake Property
- ✓ Re-evaluation of geologic model has improved database for initial resource
- ✓ Re-rate potential with publication of Initial 43-101 resource estimate
- ✓ Management and Board has significant ownership aligning interests with shareholders
- ✓ Restructured share capital structure reduces shareholder dilution

Growth Potential

- ❑ Resume drilling at the Lingman Lake gold project to rapidly expand gold resources and test strike extension and new zone targets
- ❑ Advance regional exploration on new high-potential targets and complete test drilling of top priority targets

Key Components in Place Underpinning Fundamental Value Generation and Risk Management

- ✓ Fully Operating Exploration Camp
- ✓ 100% owned land claims package hosting the Lingman Lake Gold Project
- ✓ 2 x 100%-owned drill rigs and ~10,000 meters of drilling consumables to support next-stage drill campaigns
- ✓ Significant new property-wide geologic data collected
- ✓ Completed compilation of new and historic exploration data with updated geologic modelling



Capital Structure and Shareownership

As of January 31, 2024:

• Shares Outstanding:	106,745,127
• Options Outstanding: Avg Ex Price \$0.27	7,010,000
• Warrants Outstanding:	0

Management and Board Owns >22% of shares outstanding

Cash Balance :	\$0.5m
Debt Outstanding:	\$0.00



Management

J. Dan Denbow, CFA Interim CEO and Director has spent over 30 years in capital markets with his most recent experience associated with USAA Investment Management Company. As a portfolio manager for USAA, Mr. Denbow was responsible for managing over US\$4 billion in three strategies; a domestic dividend and global dividend strategy and the USAA Precious Metals and Minerals Fund. The USAA Precious Metals Fund received numerous awards during his tenure. Dan also serves as a director for the Denver Gold Group and is an independent director of Gemdale Gold, a private company with exploration assets in Finland. Dan is also President of Denbow Oil & Gas. Dan holds an MBA from Texas Christian University, Neeley School of Business and is a CFA charter holder.

Rebecca Hudson, CFO has 23 years' experience as a Chartered Professional Accountant having worked as a senior auditor with firms Grant Thornton LLP in Toronto, Canada, and PricewaterhouseCoopers in the Dominican Republic. She is currently the CFO of EV Minerals Corporation, Nova Mentis Life Science Corp., and a private drilling company, Andean Drilling Services Inc. Ms. Hudson also works as a consultant with Grove Corporate Services where she acts as Controller for several clients. She has held managerial positions at mining companies Xstrata, and Falconbridge, completed project-based work for IAMGOLD at its offices in Quito, Ecuador, and was the Controller of Royal Nickel Corporation, and Barkerville Gold Mines Ltd. Ms. Hudson formerly served as the CFO of TerrAscend Corp., Hornby Bay Mineral Exploration Ltd., Wabi Exploration Inc., Lithium One Inc., and Claim Post Resources Inc. Ms. Hudson has both her Bachelor of Arts and Master's Degrees from the School of Accountancy at the University of Waterloo. She is fluent in English and Spanish.

Walter Hanych, P.Geo. HEAD GEOLOGIST is a Professional Geologist registered in Ontario and has over 40 years of experience in the exploration industry from grass-roots projects to advanced mine feasibility projects, including corporate structure and financing. Mr. Hanych has a broad range of mineral exploration experience in; gold, base metal, nickel, uranium, PGE, and industrial mineral exploration throughout Canada and internationally. Mr. Hanych has worked or consulted for major and junior companies, including INCO, Falconbridge Nickel, and Copper Fox Metals. Mr. Hanych was involved with the team that initially recognized, the Cote Lake deposit (Iamgold Corporation) as a gold mineralized brecciated intrusive system. Mr. Hanych holds an Honours Bachelor of Science Degree in geology, (1978), from Laurentian University. He is a member of the Professional Geoscientists of Ontario and the Society of Economic Geologists.

Board of Directors

Paolo Lostritto, P.Eng., Chairman of the Board has an extensive background in mining capital markets and working with companies across the globe since 1997 as they advance their projects through exploration, development, and production. Mr. Lostritto is currently serving on the Board of Blue Thunder Mining Corporation, which is focused on gold exploration in Quebec near the recently discovered Nelligan deposit. Paolo is a cofounder and board member of Interstellar Mining Inc which is focused on leveraging a leading Canadian space mining robotics group (Delfion Innovations Ltd.) along with Watts, Griffis, and McOuat Ltd.'s space mining group to develop and produce energy commercially for the rapidly growing space industry. Over his career, Mr. Lostritto was a Director of the Mining Equity Research at National Bank Financial and worked in equity research at Wellington West, Scotia Capital and TD Securities. He served as an Independent Director at Savary Gold Corp. which was sold to SEMAFO in 2019. Mr. Lostritto holds a Bachelor of Applied Science in Geological and Mineral Engineering in Rock Mechanics from the University of Toronto and he is a registered Professional Engineer in the Province of Ontario.

J. Dan Denbow, CFA Director and Interim CEO

Stephen Timms, Director, is currently an IBM Canada executive who brings 25+ years of his broad-based functional expertise in operations, business transformation, change management, corporate strategy and finance. Mr. Timms drives made-in-Canada innovation to IBM which helps accelerate social and economic growth in Canada through a proven model working cooperatively and collaboratively with industry, governments and academia. These initiatives leverage transformational and emerging technology including high-performance computing, advanced data analytics, AI and machine learning, digital trust technologies such as Blockchain, and now Quantum Computing. Mr. Timms is a results-oriented problem solver who has a proven ability to successfully analyze an organization's critical business requirements, lead change, implement best practices, and execute disciplined performance management systems to drive successful business outcomes. In his career with IBM Mr. Timms has participated in numerous executive, management and leadership development courses.

Lisa Davis, Director brings to Signature's board significant perspective from the industry as the Chief Executive Officer of Peartree Securities Inc., a boutique financing and advisory firm focused on the junior Canadian resource sector. Drawing on the in-depth knowledge of securities regulation gained in part while on secondment to the Ontario Securities Commission Lisa is also responsible for the legal and compliance aspects of the firm's business as well as for PearTree Financial Services Ltd., the originator and leading provider of flow through donation financing services in Canada. Prior to joining Peartree, Lisa was General Counsel for a specialized investment fund business with more than \$3B in assets under administration. A graduate of Osgoode Hall Law School, Lisa was a partner at Fraser Milner Casgrain LLP (currently Dentons) where she specialized in corporate and securities law. Lisa has earned the ICD.D designation from the Institute of Corporate Directors and has served as a Director of the Prospectors & Developers Association of Canada (PDAC) as well as a member of the PDAC's Executive Committee and co-chair of the Finance & Taxation Committee of the PDAC.

Board of Directors (Cont.)

John Hayes M.Sc., MBA, P.Geo, Director, is a professional geologist with over 20 years of exploration, and many years of capital markets experience. John worked for ten years in mining equity research at BMO Capital Markets and at the time of his retirement in 2014 was a managing director covering global precious and base metal companies as they advanced projects from exploration to production. Most recently, Mr. Hayes served in senior roles at Pretium Resources and Osisko Mining. He is currently a Director and Chairman of Maritime Resources Corp. John graduated from Memorial University of Newfoundland with an Honours Bachelor of Science in Geology (1989) and a Master of Science in Geology (1997). He also holds an MBA from Dalhousie University (2003) and is a member (P. Geo.) of the Professional Engineers and Geoscientists Newfoundland and Labrador.

Matthew Goodman, CFA, Director, Mr. Goodman has over 12 years of experience in capital markets and junior mining. Matthew joined Dundee Corporation in 2013 as a member of Goodman & Company, Investment Counsel, where he was responsible for evaluating strategic resource investment opportunities for Dundee Corporation and the Goodman Gold Trust. Matthew was a founding member of Dundee Private Equity and part of the team that launched the first Canadian Special Purpose Acquisition Company, raising over C\$100 million in its IPO. In September 2018, Mr. Goodman rejoined Goodman & Company, Investment Counsel, as an associate and, subsequently, as lead portfolio manager of the CMP and DGRC funds. Throughout Matthew's tenure at Dundee, he has been a part of the corporate development team, overseeing Dundee's most significant on-balance sheet assets. Matthew's prior background includes in-field mineral exploration and equity capital markets experience. Matthew is a CFA Charterholder and holds an Honours Bachelor of Arts degree, specializing in Global Economics and Microeconomic Analysis from York University.

Advisors

John Leliever, FOUNDER & CONSULTANT, is the founder of Signature Resources and is a third generation "Prospector" mineral explorationist with over 40 years' experience in the industry. In the past, he has worked in the remote wilderness of Canada servicing the industry through his contracting companies specializing in surface exploration development to include owning and operating diamond drill rigs. For the last 12-years he has been directly involved in corporate development of exploration stage private and public companies. Mr. Leliever has been responsible for discoveries resulting in significant property acquisitions, including involvement in the now famous Cote Lake acquired by IAMGOLD and Trelawney Mining in consolidating a portion of the lands and NSR's. Mr. Leliever's extensive knowledge of the exploration logistics and planning, particularly with remote locations and his corporate background have been the key to his success.

Dr. Scott Jobin-Bevans, PhD, P.Geo, Advisor, has more than 25 years in worldwide mineral exploration and has public company experience as a director, officer and technical advisor. Scott is currently Co-Founder, Chairman and CEO of Caracle Creek International Consulting. He has expertise in project evaluation and in leading multi-million dollar projects from generative stage through advanced exploration and into development. Dr. Jobin-Bevans is an advisor and member of the board of directors for a number of public and private companies and held the volunteer position of President (2010-2012) of the Prospectors and Developers Association of Canada.



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