

# Revitalizing The Homestake District Of South Dakota



**NYSE American: DC** Investor Presentation | December 2024

dakotagoldcorp.com

Dakota Gold is a South Dakota-based, responsible gold exploration and development company with a specific focus on revitalizing the Homestake District in Lead, South Dakota.

### Disclaimer

#### **Forward-Looking Statements**

This presentation contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. When used in this presentation, the words "plan," "target," "anticipate," "believe," "estimate," "intend," "potential," "will" and "expect" and similar expressions are intended to identify such forward-looking statements. Any express or implied statements contained in this presentation that are not statements of historical fact may be deemed to be forward-looking statements, including, without limitation: our expectations regarding the drilling to be completed in 2024 and 2025; our expectations for the improvement and growth of the mineral resources; the grade potential of the drilling completed after the effective date of the Initial Assessment; the timing for the updated S-K 1300 Initial Assessments to be released in 2025 or thereafter; and our overall expectation for the possibility of near-term production at the Richmond Hill project. These forward-looking statements are based on assumptions and expectations that may not be realized and are inherently subject to numerous risks and uncertainties, which could cause actual results to differ materially from these statements. These risks and uncertainties include, among others: the execution and timing of our planned exploration activities; our use and evaluation of historic data; our ability to achieve our strategic goals; the state of the economy and financial markets generally and the effect on our industry; and the market for our common stock. The foregoing list is not exhaustive. For additional information regarding factors that may cause actual results to differ materially from those indicated in our forward-looking statements, we refer you to the risk factors included in Item 1A of the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2023, as updated by annual, quarterly and current reports that we file with the SEC, which are available at www.sec.gov. We caution investors not to place undue reliance on the forward-looking statements contained in this presentation. These statements speak only as of the date of this presentation, and we undertake no obligation to update or revise these statements, whether as a result of new information, future events or otherwise, except as may be required by law. We do not give any assurance that we will achieve our expectations.

All references to "\$" in this presentation are to U.S. dollars unless otherwise stated.

# Dakota Gold

- a unique investment opportunity

1. Located in the historic Homestake Gold District that has produced ~45 million ounces of gold since 1878

2. Our Richmond Hill and Maitland projects are located on "Private Land" in South Dakota, a mining state

**3.** The **existing Richmond Hill permit could be amended** to allow restart and expansion with State and County approval

**4. Key management** personnel who **have** worked at the **Homestake and Wharf Mines** bring that **experience** to our exploration and development programs. Local knowledge and experience has significant value for Dakota Gold and its shareholders



Robert Quartermain Co-Chair, President & CEO

Mining Experience:

- Canadian Mining Hall of Fame, Inductee - 2022
- Pretium Resources, Founder and CEO - 2010 to 2019
- SSR (formerly Silver Standard),
  CEO 1985 to 2010

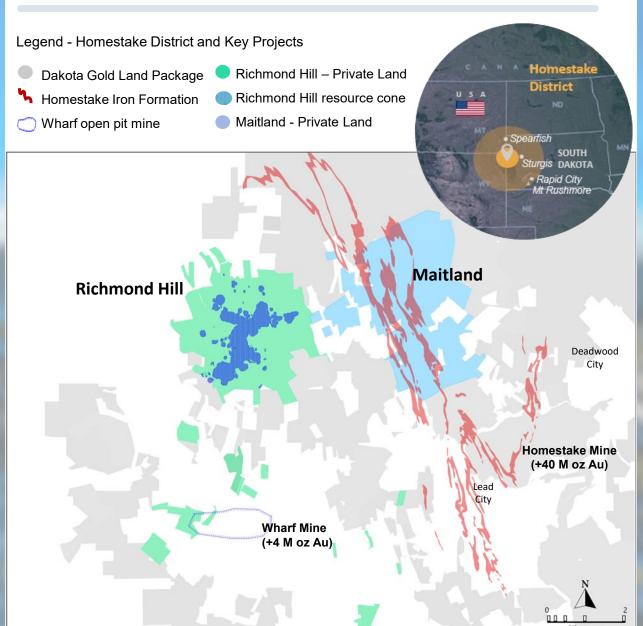
"Over my career in the mining and resource industry, first with Silver Standard Resources (now SSR) and then with Pretium Resources, my focus has been on creating shareholder value through advancing gold and silver exploration projects to production. We have that opportunity with our Richmond Hill and Maitland projects in Dakota Gold"

#### **Homestake District: New Opportunities**



Richmond Hill Gold Project

- Private Land
- 2,749 mineral acres
- Adjacent to operating Wharf Mine that has generated + 4 million oz Au
- Focused on adding shallow oxide mineralization
- S-K 1300 Maiden Resource
- o 1.33 M oz of Indicated Gold
- $\circ~$  1.13 M oz of Inferred Gold

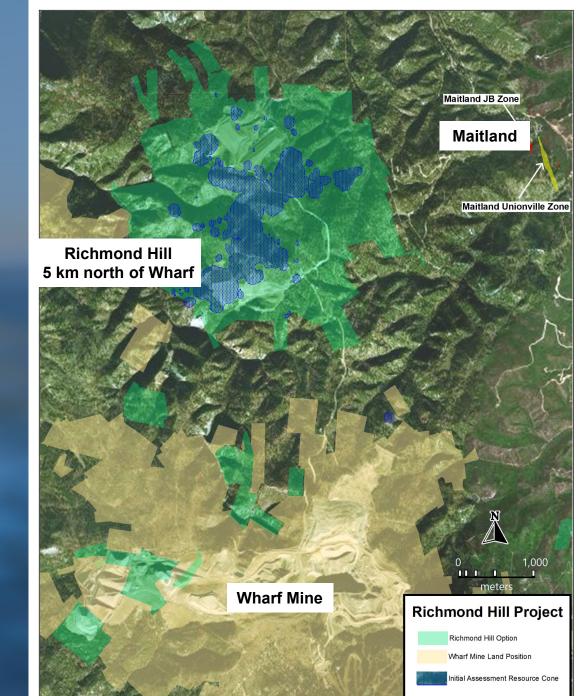


#### Maitland Gold Project

- Private Land
- 2,112 mineral acres
- Contiguous with Homestake
  Mine
- Two Discoveries:
- JB Gold Zone Homestake Minestyle gold mineralization (iron formation)
- Unionville Zone shallow Tertiary epithermal gold mineralization

### Richmond Hill Gold Project – Developing One of the Next Gold Mines in the USA

- Drilling commenced March 2022
- S-K 1300 Maiden Resource
  1.33 M oz of Indicated Gold at 0.80 g/t Au
  1.13 M oz of Inferred Gold at 0.61 g/t Au
- Maiden Resource was derived from a historical database containing 69,401 gold assays from more than 900 drill holes, including 57 drill holes from Dakota Gold's drill program
- Adjacent to the 4 M oz Wharf Mine that is expected to generate over \$100 million in free cash flow in 2024 from approximately 90,000 ounces of gold.
- Updated S-K 1300 resource in Q1 2025 expected to include an additional 88 drill holes totaling approximately 17,000 meters (*Similar to a Canadian 43-101 Resource Study*)
- Updated Initial Assessment with Cash Flow in Q2 2025 (Similar to a Canadian PEA)





## Coeur's Wharf Mine – Dakota Gold is developing Richmond Hill as a heap leach open pit similar to Wharf

WHARF MINE PRODUCTION Year to Date as at Sep 30, 2024		RESERVES & RESOURCES as of Dec 31, 2023		
Free Cash Flow	\$75.4 million		Ounces	Gold Grade
Gold Production	76,066 ounces	P&P Reserves	764,000	0.96 g/t (0.028 oz/t)
CAS per ounce	\$941/oz	M&I Resources	498,000	0.72 g/t (0.021 oz/t)
Total Ore Mined	4.1 mt	Inferred	4.40,000	0.70 = (4 (0.004 = - (4))
Avg Strip Ratio	2.2	Resources	149,000	0.72 g/t (0.021 oz/t)

ASSET OVERVIEW		
Ownership	100% Coeur Mining	
Employees	243 as of Dec 31, 2023	
Claims	7,852 net acres	
Туре	Open pit and heap leach	
Processing	Crushing, "on-off" heap leaching, spent ore neutralization, carbon absorption/desorption	
Metals	Electrolytic cathodic sludge	
Mine Life	~6 years	

Source: Latest available public company information



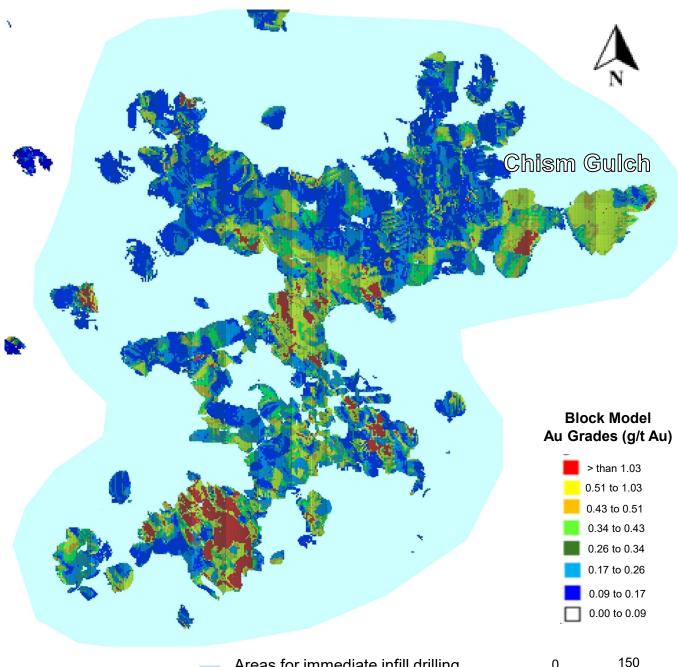


Shawn Campbell Chief Financial Officer

"Since Coeur acquired Wharf for \$99.5 million in 2015, it has not only replaced reserves but increased them by 204,000 ounces for a total of 764,000 as of Dec 31, 2023, and it has generated a total of approx. \$500 million FCF, making it a very profitable open pit mine in the US."

### Richmond Hill -Potential Step-Out & Infill Areas

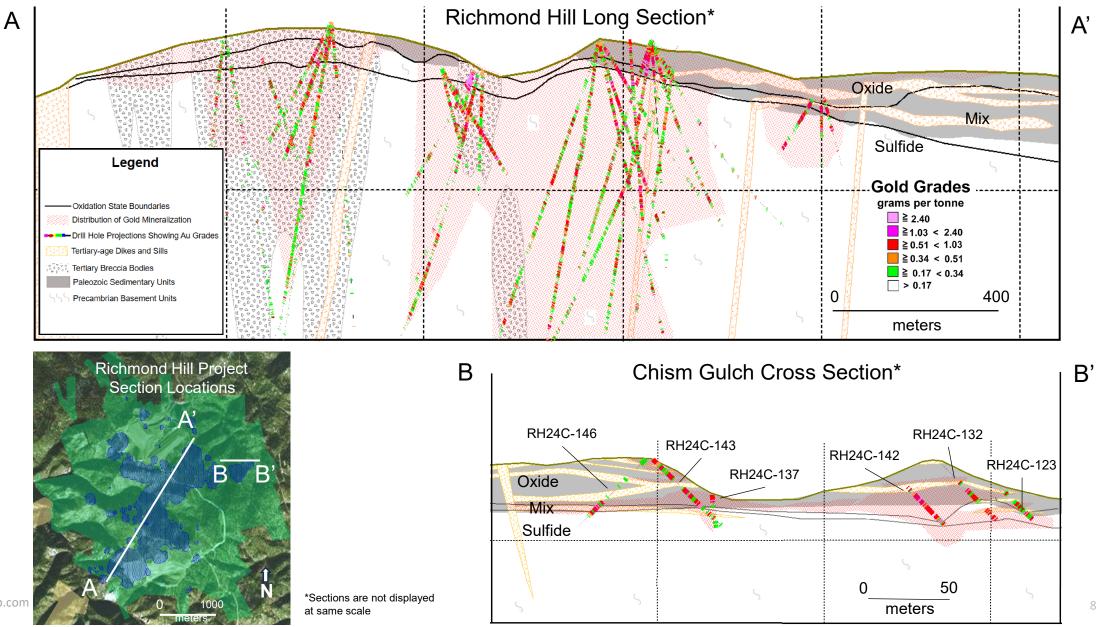
- Maiden Resource was derived from a historical database containing 69,401 gold assays from more than 900 drill holes, including 57 drill holes from Dakota Gold's drill program
- Shallow mineralization with portions outcropping. Resource is open in most directions
- Recent Drilling includes: 60.9 meters of 1.68 g/t Au 50.0 meters of 2.22 g/t Au 42.8 meters of 1.71 g/t Au 38.1 meters of 1.48 g/t Au 51.7 meters of 1.15 g/t Au
- Updated S-K 1300 resource in Q1 2025 expected to include an additional 88 drill holes totaling 16,966 meters



**Plan View** 

meters

#### **Richmond Hill - Geologic Model**



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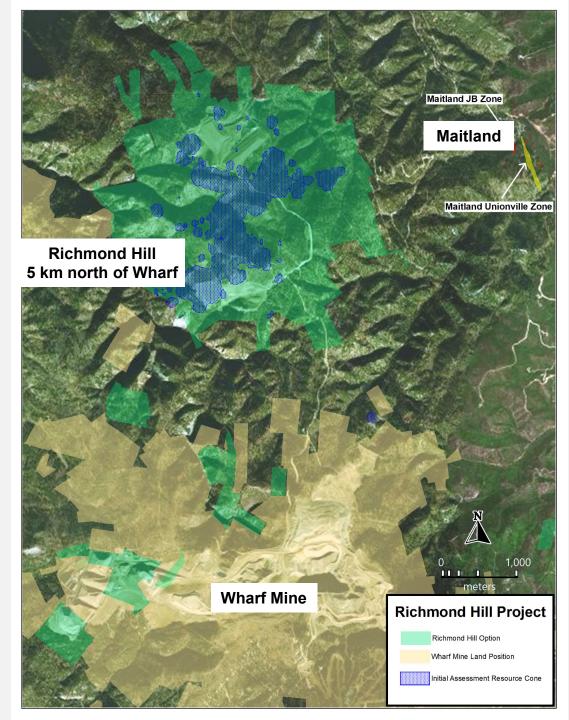
## Richmond Hill -Permitting

- The Project Area is virtually 100% private land since the Project is not located on Federal lands, State and Local governments are expected to be the primary permitting entities
- South Dakota Large Scale Mine Permit 445 Much of the Project Area is currently being managed as a closed mine under an existing permit for open pit mining. We anticipate the permit would be amended to restart and expand operations under a new mine plan

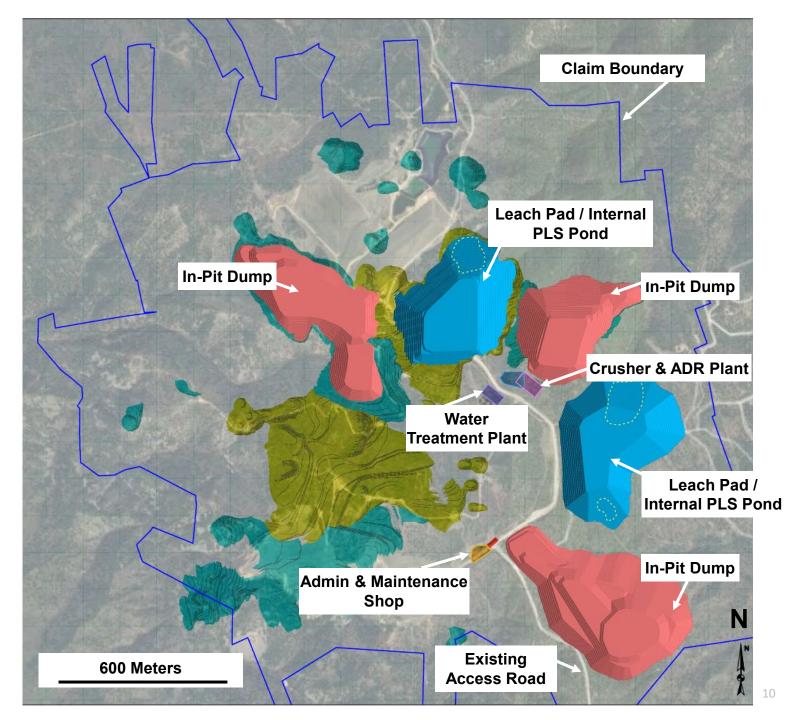


Patrick Malone Senior Vice President

"Richmond Hill's private land position and status as an inactive mine provide a pathway from feasibility through permitting to production financing. Competencies I acquired as Barrick's former VP of Permitting and Closure will allow me to support our team in advancing Richmond Hill into production."

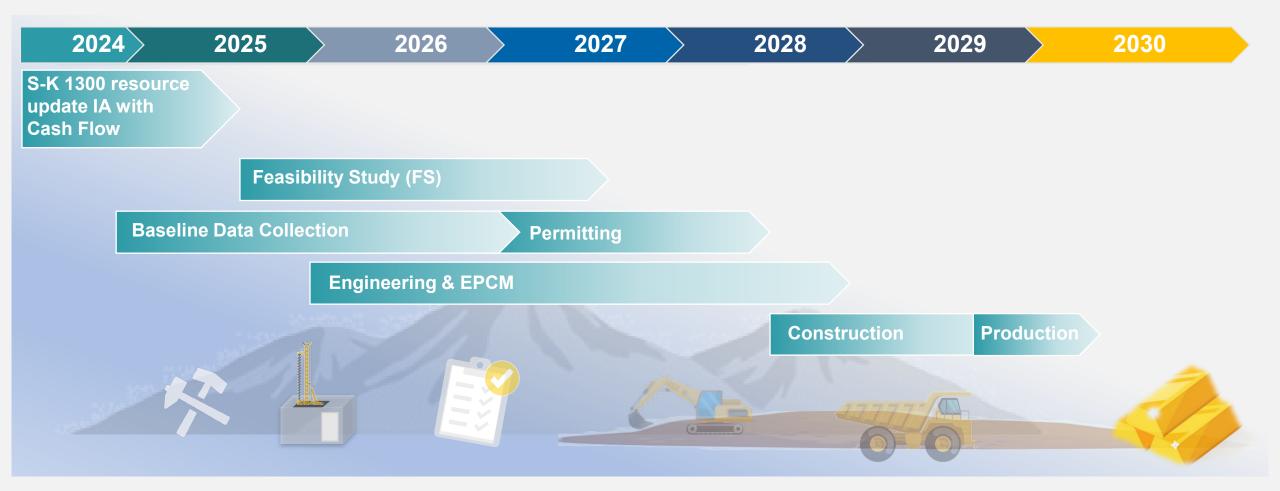


# Richmond Hill-Heap Leach Open Pit Proposed Mine Site Plan



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### **Richmond Hill - Timeline to Production**



## **Orion Mine Finance -Financing Support**



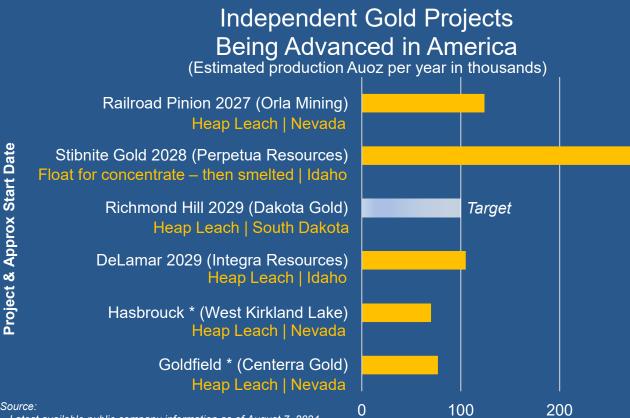
Robert Quartermain Co-Chair, President & CEO

"I had the privilege to work with Orion in arranging the \$540 million construction package for the Brucejack Mine. We are fortunate to have them as major shareholders and their balance sheet support." On October 20, 2023, Orion Mine Finance became Dakota Gold's largest shareholder and agreed to provide a non-binding proposal for up to \$300 million of financing support to the Company for the purposes of financing the construction and development of the Company's assets.

There are few exploration companies that have the benefit of potential financing with a company with the resource expertise of Orion.



### **Richmond Hill - Ready to become one of the next independent** US gold mines, in a market with limited assets



Latest available public compar	ny information as	of August 7, 2024
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- Dakota Gold is currently evaluating various production scenarios as part of advancing the Initial Assessment with Cash Flow for Richmond Hill. 100.000 oz/yr has been used as an internal assumption in some such scenario planning, but annual production has not yet been evaluated by a Qualified Person.

Production start date unknown



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		2024E	100 kozpa as	EV (US\$M)	
Company	EV (US\$M)	Prod'n (AuEq koz)	% of production	per 100kozpa	
Alamos Gold	\$8,000	560	18%	\$1,429	
B2Gold	\$3,683	840	12%	\$438	
Buenaventura	\$3,397	568	18%	\$598	
Coeur	\$3,508	493	20%	\$712	
Coeur + Silvercrest	\$4,779	628	16%	\$761	
Centerra Gold	\$652	475	21%	\$137	
Equinox Gold	\$3,799	610	16%	\$623	
OceanaGold	\$2,214	539	19%	\$411	
Orla Mining	\$2,836	300	33%	\$945	
New Gold	\$2,615	405	25%	\$646	
Hecla	\$3,517	386	26%	\$911	
Evolution Mining	\$7,962	1,054	9%	\$756	
Average	\$3,914	571	18%	\$697	

Production estimates and Enterprise Values are based on BMO GoldPages November 25 estimates, unless otherwise noted. Coeur Investor Presentation October, 2024

Silvercrest Investor Presentation September 2024.

Buenaventura 2023 Investor Day presentation. 2024 estimates

Evolution UBS Australia Deck. 11-12 November

300

Orla Production Guidance based on combined 2024 guidance Orla (Midpoint of 130-140koz) and and Musselwhite LOM averages as per the technical report (202koz)

Enterprise Value for Coeur, Silvercrest, Buenaventura, Evolution are based on November 25, 2024 market capitalization, adjusted for cash and debt as of September 30, 2024 financial reporting.

Enterprise Value for Orla is based on November 25, 2024 market capitalization, adjusted for cash and debt as of September 30, 2024 financial reporting and proposed issuances for the acquisition of Musselwhite 13

#### **The Historic Homestake District**

Gold was discovered on the "Homestake Mining Claim" in 1878 leading to the discovery of one of the richest gold mines in the world. The mine operated for over 120 years producing an average of 300,000 ounces of gold a year with some years averaging 600,000 ounces. A total of 40 million ounces of gold was mined along 2 miles of strike length and to depths of 8,000 feet. Low gold prices of \$300 per ounce in 2000's led to the mine closure in 2002.

With gold at \$2,600 per ounce the best place to explore for gold is in the historic camps. Dakota Gold has discovered gold in the JB Gold Zone on its Maitland property along the trend of the Homestake Mine. Average of 47 intersections in the JB Gold Zone of 10.76 g/t gold over 4.0 meters are analogous to gold zones mined in the West Ledges of the Homestake Mine which produced almost 6 million ounces. Maitland could be a significant underground gold mine giving Dakota Gold shareholders exposure to a long-term gold.



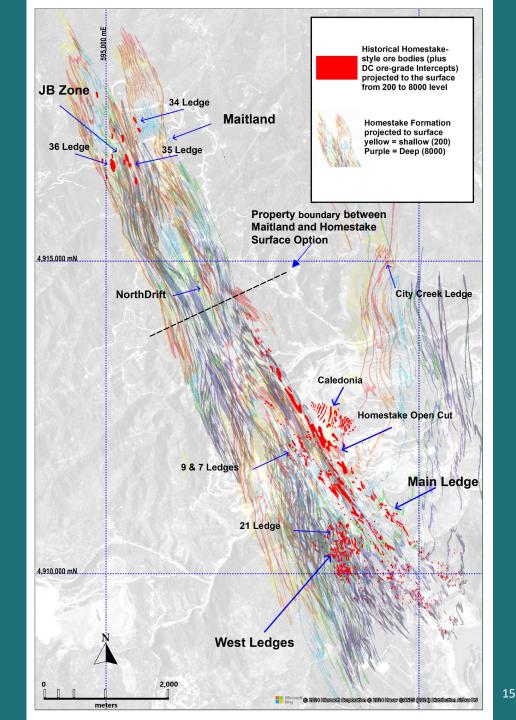
Robert Quartermain Co-Chair, President & CEO

"My rationale for becoming the largest individual shareholder in Dakota Gold was the potential of the Maitland property adjacent and along strike of the old mine. Banded iron formation gold deposits like the Homestake or Musselwhite or Back River can be mineralized with gold over long distances.

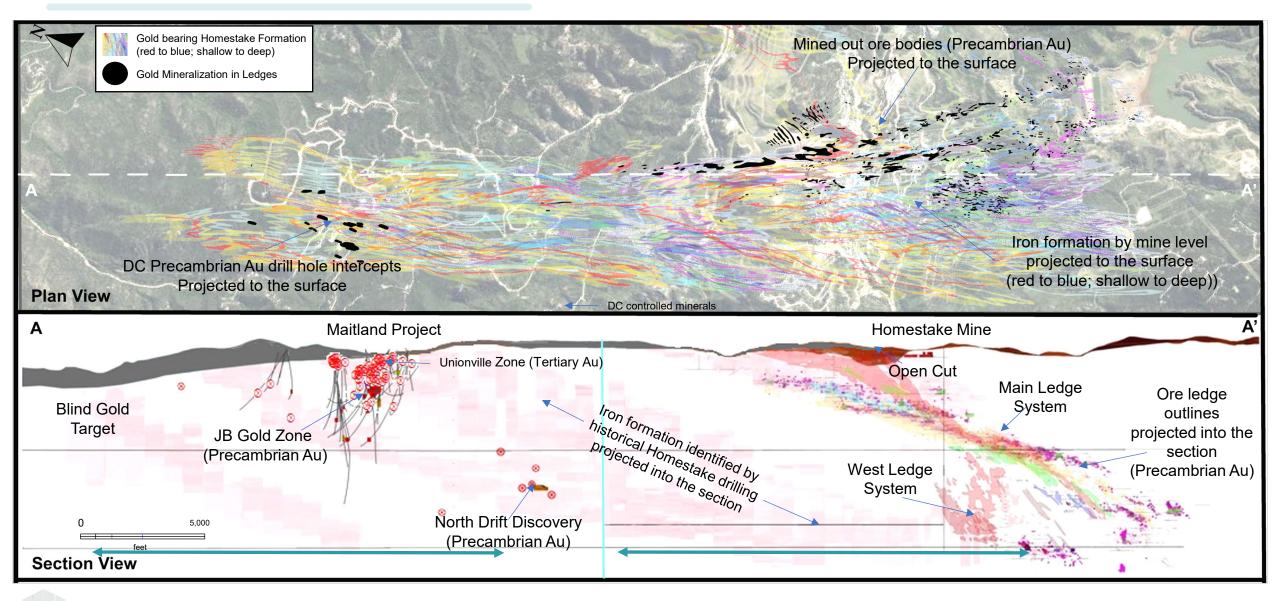
We have demonstrated we have significant highgrade gold at Maitland with an average of 10.76 g/t Au from our initial drilling. That's high-grade and it's open in all directions where we have the North Drift and Blind Gold zones to drill test as well. By developing the Richmond Hill project first, it can provide the cash to fund the drilling necessary to turn the Maitland discoveries into economic resources."

## Maitland Gold Project – JB Gold Zone

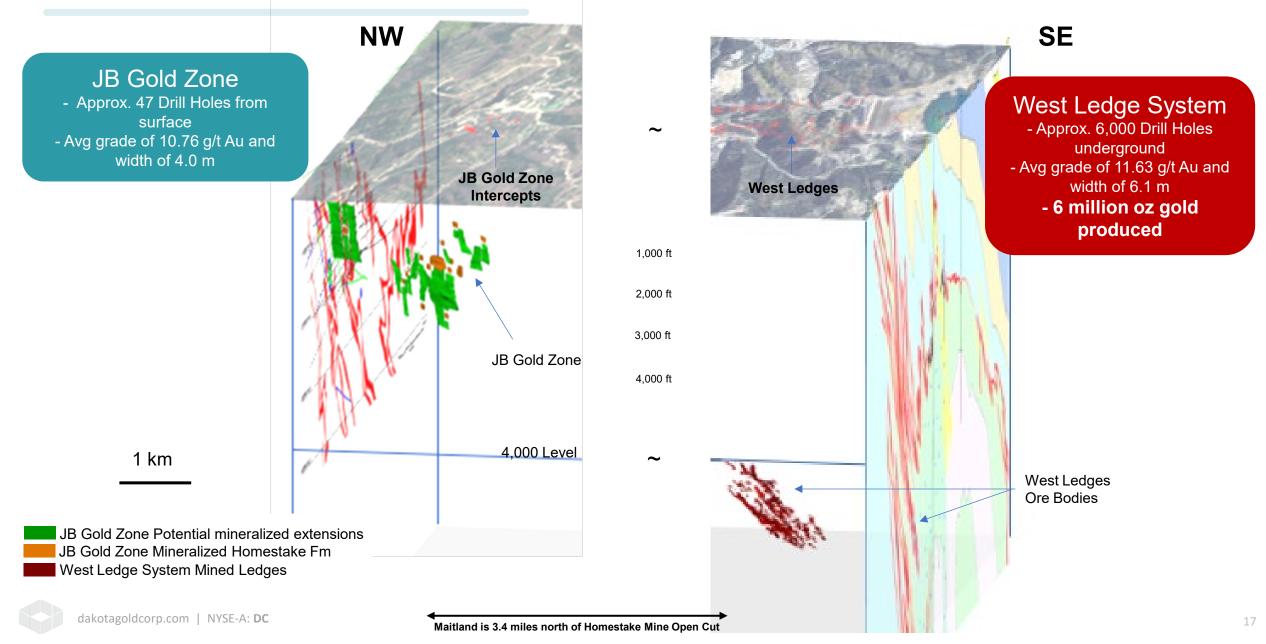
- Since commencing exploration in 2022, Dakota Gold has completed 73 drill holes totaling 63,448 meters at Maitland. In 2024, 35 drill holes were completed including 14 daughter holes totaling 25,172 meters.
- Three distinct ledges (34, 35, 36) have been discovered at Maitland in the JB Gold Zone.
- The width, grade and stratigraphy of intercepts identified are analogous to the gold mineralization found in the West Ledge System at the historic Homestake Mine which produced ~6 million ounces of gold.
- Average grade of the West Ledges was 11.63 g/t Au over an average thickness of 6.1 meters. Average grade of the JB Gold Zone is 10.76 g/t Au over an average thickness of 4.0 meters.
- We are awaiting final assays from 2024 drill program, and our geology team led by James Berry is assessing our 2024 results that will inform our 2025 drill plans.



### **Homestake Corridor - Long Section**



#### **Opportunities at JB Gold Zone & Potential Size of the Prize**



# Maitland Gold Project

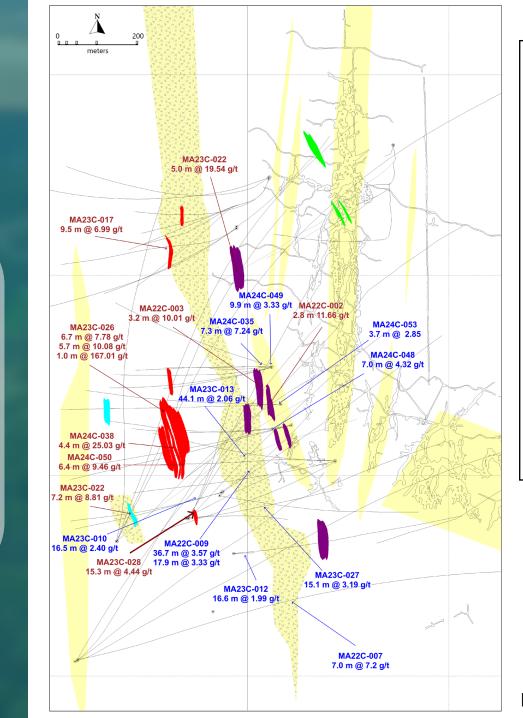


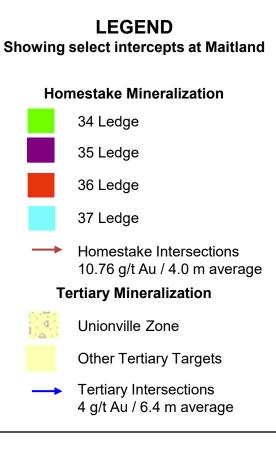
"The opportunity we see at Maitland is unique in that we have the possibility to access two distinct types of mineralization.

Vice President **Exploration** 

The Homestake Mine and Maitland is Banded Iron Formation, similar to the Musselwhite deposit in Ontario, Canada which contained approximately 6.3 million ounces of gold at a grade of ~6 g/t Au."





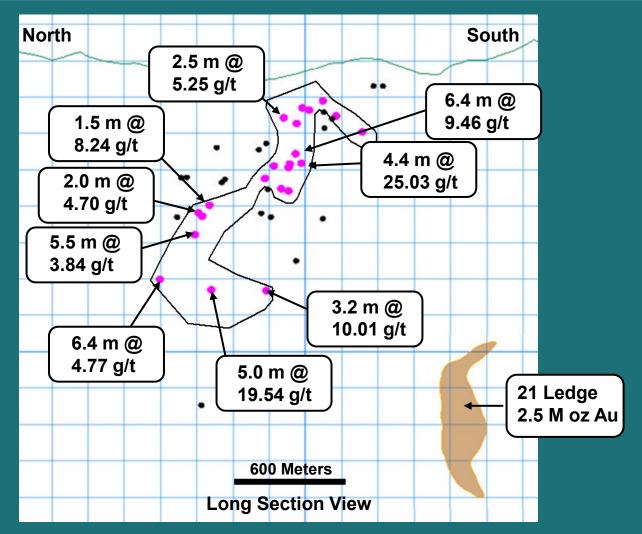


The objective of the 2025 drill program will be to join the mineralized areas of the 35 and 36 Ledges

**Plan View** 



# Maitland – JB Gold Zone Analogous to West Ledge System



Homestake Mine - West Ledge System (17, 19, 21 Ledge) 2.74 g/t Gold Cut-off

Total of ~6 million ounces of gold produced

- Ledge 17 1.4 M oz
- Ledge 19 1.4 M oz
- Ledge 21 2.5 M oz

#### AVERAGE GOLD GRADE

- JB Gold Zone: 10.76 g/t Au
- West Ledge System: 11.63 g/t Au

#### **AVERAGE THICKNESS**

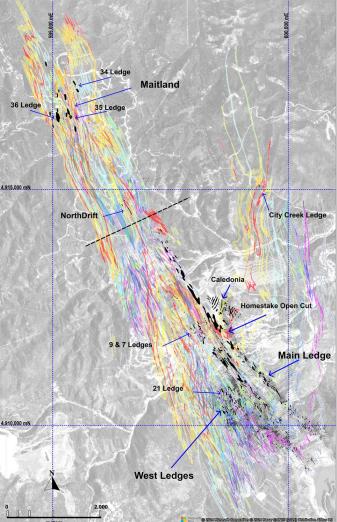
- JB Gold Zone: 4.0 meters
- West Ledge System: 6.1 meters

Homestake Mine 21 Ledge System Outline Drawn to Scale for Comparison to Maitland Homestake Drill Intercepts

Mineralized Intercept (not always True Thickness)

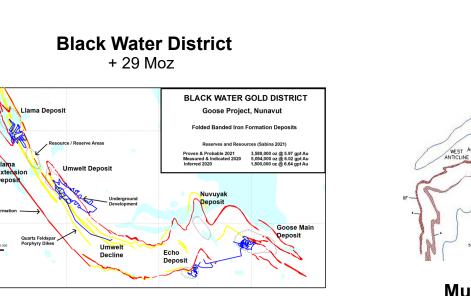
Unmineralized Intercept

### Homestake, Black Water & Musselwhite Plan Views\*



Homestake District

Note all three deposits are banded iron formation, however what distinguishes Homestake, is that it is by far the largest deposit. Furthermore, it benefits from being located in South Dakota, just a 15-minute drive from a city with existing infrastructure and a mining community which contrasts those deposits in remote areas.



Matic volcanic rocks Felsic volcanic rocks transfore

5 Clostic metasediments

EXPLANTION

- 7 Felsic intrusive rock
- 86 Ultramatic intrusions

PQ ZON

10 Ultramafic valcanic rocks

NIF 🐆 Northern Iran Formatic SIF — Southern Iran Formatic

Musselahite Joint Venture

– Lithologic Contact
 Iron Formation Boundar

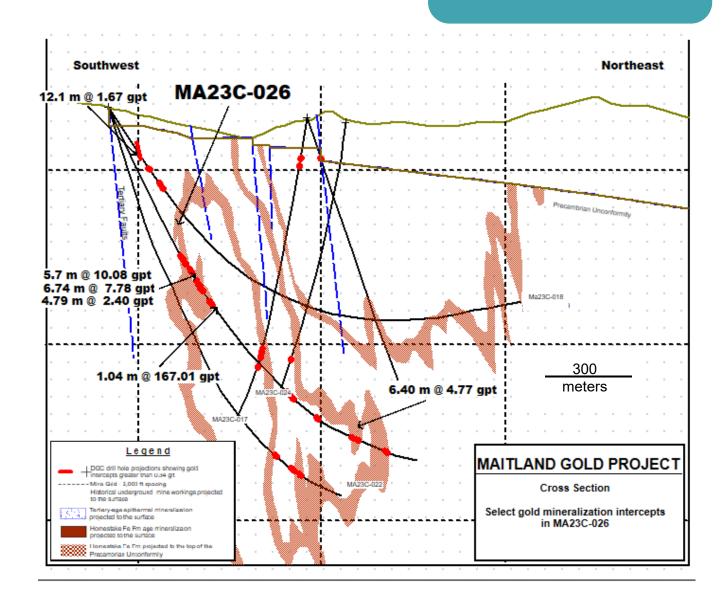
Musselwhite District + 6 Moz

\*All systems are shown at the approximate same scale

# Maitland – JB Gold Zone Hole MA23C-026

- Highest-Grade Intercept To Date at Maitland 167.0 g/t Au over 1.0 meter.
- 14 sample intervals in Homestake Formation with visible gold between 695.9 and 774.1 meters and an additional occurrence at 1558.4 meters in the lower portion of the hole.
- MA23C-026 also intersected 1.67 g/t Au over 12.1 meters in a new Tertiary zone of epithermal gold mineralization in the upper part of the drill hole, located approx. 150 meters west of the Unionville Zone discovery area. This mineralization appears to be in a distinct Tertiary-age structural zone west and parallel to the Unionville Zone.

Multiple High-grade Homestake-style Mineralization Hits



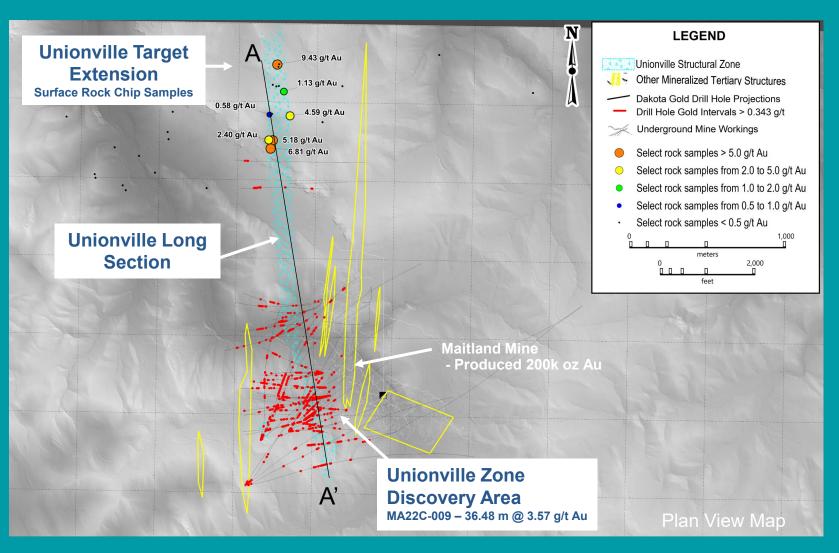
### Maitland – Unionville Zone

- Exploration drill results to date show a near surface Tertiary epithermal gold system opportunity that could expedite development of the deeper JB Gold Zone below.
- Unionville Target Extension Strike length could extend to over 3,000 meters to the North and is open to the South.
- Parallel mineralized Tertiary structures including historic Maitland Mine shown on the map have yet to be drill tested.
- The Unionville Tertiary mineralization has an average width of 6.4 meters and an average grade of 4 g/t Au.

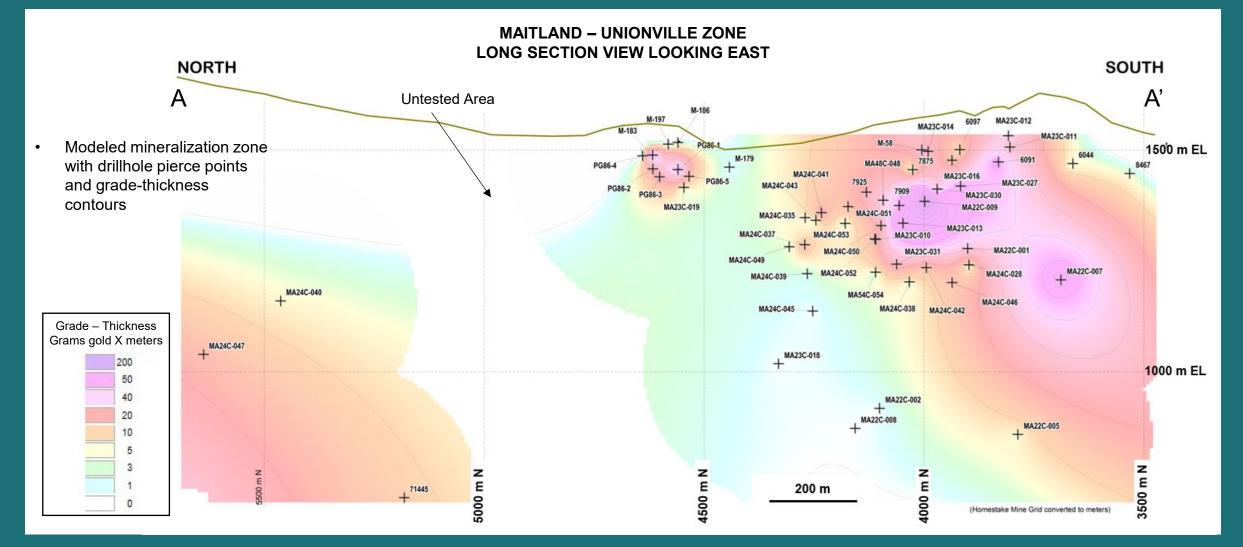


James Berry Vice President Exploration





### Maitland – Unionville Zone Long Section





 To date 25 drill hole intersections have been made into the tertiary Unionville Zone averaging a grade of ~ 4 g/t Au over 6.4 meters



Patrick Malone

"Dakota Gold is committed to sustainable development as a core value, as further articulated in our Environmental and **Senior Vice President** Community Relations

Policies."

# **Dakota Gold is a Responsible Miner** - Sustainability Highlights 2023

#### **HEALTH AND SAFETY**

- Achieved 3 YEARS with ZERO Lost Time Incidents (2021 to 2023)
- Voluntarily provided full Mine Safety & Health Administration training to our workforce
- Employed 40 full-time & 2 part-time employees, 4 interns, 10 consultants, and 40 contractors



#### ENVIRONMENT

• **ZERO Reportable Environmental Incidents** since commencing drill programs in 2022

#### COMMUNITY

- Over \$59,000 Direct Investments to Local Community and professional organizations, and educational institutions in South Dakota
- More than \$26.5 Million Invested in South Dakota through payroll, payments to vendors and contractors and purchases on land and buildings
- Hosted 17 Community Engagement Events

#### GOVERNANCE

- Co-Chairs, Steve O'Rourke and Robert Quartermain sit on ESG Committee
- · Adopted or updated and made available on our website the following policies

Code of Ethics Environmental Policy **Community Relations Policy** Anticorruption Policy



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## Dakota Gold NYSE American: DC

CAPITAL STRUCTURE (Sep 30, 2024)	(in millions)
Shares Outstanding	93.7
Stock Options	4.6
Restricted Share Units	1.5
Performance Share Units	0.7
Warrants Outstanding	7.6
Fully Diluted	108.1
Cash (as at Sep 30, 2024)	\$14.7
Market Cap (as at Dec 9, 2024)	~\$215

#### ANALYST COVERAGE

Agentis Capital	Michael Gray
BMO Capital	Andrew Mikitchook
Canaccord Genuity	Peter Bell

Management Owns ~15% Alignment with Shareholders

**SHAREHOLDERS** 

(Dec 9, 2024)

Other,

42.4%

Note: Dakota Gold included in Russell 3000 and GDXJ Indices (as of Jun 2022)

Orion Mine Finance, 9.6%

- Robert Quartermain, 8.0% - Co-Chair, Director, President and CEO

Jonathan Awde, 6.0%

Gerald Aberle, 4.6% - Director and COO

BlackRock Fund , 4.1%

- Marin Katusa + KCR LLC, 3.9%

Fourth Sail, 3.9%

-Van Eck Associates, 3.7%

The Vanguard Group,...

Fidelity Management, 2.8%

CI Investments, 2.4% Barrick Gold , 2.3% Geode Capital Management, 1.6% Vestcor, Inc., 1.1%

#### **Directors and Management**

BOARD OF DIRECTORS	Robert Quartermain Co-Chair, Director, President and CEO	Past Executive Chairman of Pretium Resources Inc. and CEO of Silver Standard. Inducted to Canadian Mining Hall of Fame in 2022.
	Stephen O'Rourke Co-Chair, Director and Managing Director	Former President of Global Petroleum Exploration for BHP Billiton.
	Gerald Aberle COO, Director	Homestake Mining Company (22 years). Co-founder of DTRC.

	Patrick Malone SVP & Chief Legal Officer	Former Vice President at Barrick Gold and President of Homestake Mining Company of California. Over twenty years of in-house legal and experience with permitting and closing mining operations.
_	Shawn Campbell CFO	Former Chief Financial Officer of GT Gold Corp. Experience with both Goldcorp and Newmont.
AGEMEN	James Berry VP, Exploration	Worked for Barrick at Homestake and for Goldcorp at Wharf, in the Homestake District. Previously VP, Exploration for Romarco Minerals.
MAN	Carling Gaze VP of IR and Corp Communications	Former Senior Investor Relations and Corporate Communications Associate of Pretium Resources Inc. with over 15 years of experience in the mining and natural resource industry.
	Mark Rantapaa	Operations Manager of Black Hills Operations at DTRC. Over 25

years with Barrick Gold Corporation.

Jennifer Grafton Director

**Ron Everett** 

**Business** 

Director

Geology

Bill Gehlen

Sr. Manager -

Sr. Manager –

**Timm Comer** 

Environmental

**Amy Koenig** 

Director

Director

Lead Independent

Alice Schroeder

VP, Governance, Corporate Secretary & Deputy General Counsel for Black Hills Corporation. Director for Children's Home Society of South Dakota.

Serves or has served on numerous public company boards including Carbon Streaming Corp., Natus Medical Inc., HSBC North America Holdings Inc., and Prudential plc.

Currently serves as Lead Independent Director of Farmland Partners, Inc. and most recently served as EVP & General Counsel of E2open Parent Holdings Inc.

Mayor of Lead, and former Administration Manager of Wharf Mine and Richmond Hill Mine.

Three decades of experience in environmental permitting, policy development, and compliance program implementation of mining properties with effective operation, reclamation, and closure focus.

Former Manager, Corporate Development at Gold Standard Ventures and former Manager, Resource Development with OceanaGold.

Elizabeth Sailer VP, External Relations Over twenty years of experience in public, governmental and media relations, communications and partnership collaborations throughout South Dakota.

**VP** Operations

#### Richmond Hill Gold Project Option

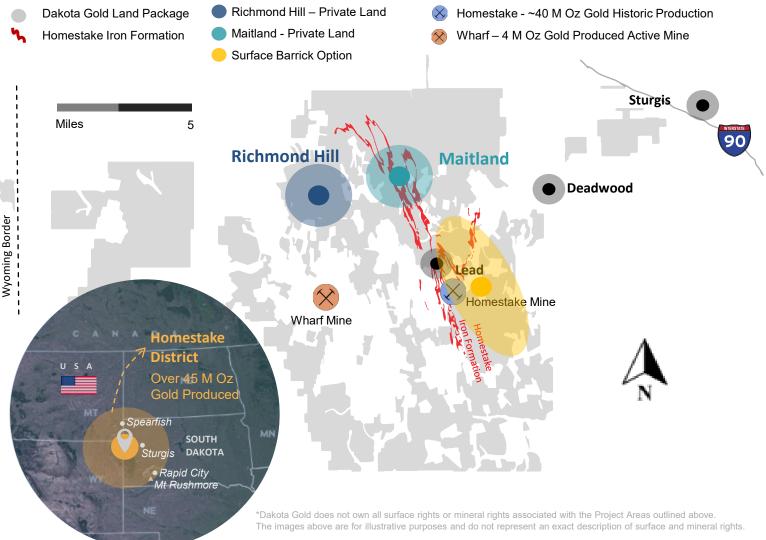
- Option Agreement with Barrick to acquire 2,726 acres of surface and mineral rights with facilities
- Remaining consideration to exercise option:
  - 400,000 shares in Dakota Gold
  - 1% NSR on gold produced
  - o Assumption of all associated liabilities
- Option period: Oct 14, 2021 until March 7, 2026

#### Surface Barrick Option Agreement

- Option Agreement with Barrick to acquire 4,261 acres of surface rights with attendant facilities and data
- · Remaining consideration to exercise option:
  - o 3,000,000 shares in Dakota Gold
  - 2.5% NSR (applicable only to gold recovered from Grizzly Gulch tailings impoundment)
  - o Assumption of all associated liabilities
- Surface rights provide ideal location for future Maitland processing facilities
- Option period: Oct 14, 2021 until March 7, 2026

#### **Homestake District: Barrick Agreements**

Legend - Homestake District and Key Projects



### 2024 Transformational Year Leading to the Next Era of the Homestake Gold District

#### 2024 SUCCESS:

- Delivered a multi-million-ounce gold maiden resource for the Richmond Hill Heap Leach Open Pit Gold Project
- Began baseline environmental studies for permitting Richmond Hill
- Defined gold mineralized ledges in the JB Gold Zone at Maitland that are along strike and similar to the 6 million ounce producing West Leges at the historic Homestake Mine
- Extended strike length of the near surface Tertiary epithermal Unionville Zone at Maitland to over 3,000 meters

#### 2025 PLANS:

- Updated Richmond Hill S-K 1300 resource planned in Q1 2025
- Updated Richmond Hill Initial Assessment with Cash Flow planned for Q2 2025
- Begin Feasibility Study work for Richmond Hill
- Continue infill and step-out drilling at Richmond Hill
- Infill and step-out drill program at Maitland to connect mineralized ledges at JB Gold Zone
- Drilling to test North Drift Discovery Up-dip at Maitland and Blind Gold to the north of the Maitland property

#### **MEDIA AND INVESTOR RELATIONS**

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