

Scotia Capital Presentation



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NOVAGOLD

Cautionary Statements

REGARDING FORWARD-LOOKING STATEMENTS

This presentation includes certain “forward-looking information” and “forward-looking statements” (collectively “forward-looking statements”) within the meaning of applicable securities legislation, including the United States Private Securities Litigation Reform Act of 1995. All statements, other than statements of historical fact, included herein, including, without limitation, statements regarding the permitting, potential development, exploration, construction and operation of Donlin Gold and statements relating to NOVAGOLD’s future operating and financial performance and production estimates are forward-looking statements. Forward-looking statements are frequently, but not always, identified by words such as “expects”, “anticipates”, “believes”, “intends”, “estimates”, “potential”, “possible”, “poised”, and similar expressions, or statements that events, conditions, or results “will”, “may”, “could”, “would” or “should” occur or be achieved. These forward-looking statements may also include statements regarding the exploration potential of Donlin Gold; anticipated mine life; perceived merit of properties; anticipated permitting timeframes; exploration and drilling results and budgets; mineral reserve and resource estimates; work programs; capital expenditures; timelines; strategic plans; benefits of the project; market prices for precious metals, including the potential performance of the price of gold; whether the final \$75 million promissory note from the sale of Galore Creek will mature and be payable; potential shareholder returns; statements regarding the anticipated work program for the 2021 filed season; anticipated benefits from the 2021 drill program; the timing of filing of the 2021 Technical Report (as defined below) and the results thereof; or other statements that are not statements of fact. Forward-looking statements involve various risks and uncertainties. There can be no assurance that such statements will prove to be accurate, and actual results and future events could differ materially from those anticipated in such statements. Important factors that could cause actual results to differ materially from NOVAGOLD’s expectations include the uncertainties involving unexpected cost increases, which could include significant increases in estimated capital and operating costs; the need for additional financing to explore and develop properties and availability of financing in the debt and capital markets; risks related to the coronavirus global pandemic (COVID-19); uncertainties involved in the interpretation of drilling results and geological tests and the estimation of reserves and resources; the need for continued cooperation with Barrick Gold Corporation for the continued exploration and development of the Donlin Gold property; the need for cooperation of government agencies and native groups in the development and operation of properties; risks of construction and mining projects such as accidents, equipment breakdowns, bad weather, non-compliance with environmental and permit requirements; unanticipated variation in geological structures, ore grades or recovery rates; the need to obtain permits and governmental approvals; fluctuations in metal prices and currency exchange rates; whether a positive construction decision will be made regarding Donlin Gold or Galore Creek; the timing and outcome of ADNR’s decision to reconsider the ROW lease for the natural gas pipeline; and other risks and uncertainties disclosed in NOVAGOLD’s annual report filed on Form 10-K for the year-ended November 30, 2020, and subsequently in NOVAGOLD’s quarterly reports filed on Form 10-Q, with the United States Securities and Exchange Commission (SEC), Canadian securities regulators, and in other NOVAGOLD reports and documents filed with applicable securities regulatory authorities from time to time. Copies of these filings may be obtained at no charge by visiting our Investor Relations website at www.novagold.com or the SEC’s website at www.sec.gov or at www.sedar.com. NOVAGOLD’s forward-looking statements reflect the beliefs, opinions and projections of management on the date the statements are made. NOVAGOLD assumes no obligation to update the forward-looking statements of beliefs, opinions, projections, or other factors, should they change, except as required by law.

Forward-looking statements are based on a number of material assumptions, including but not limited to the following, which could prove to be significantly incorrect: our ability to achieve production at any of our mineral exploration and development properties; estimated capital costs, operating costs, production and economic returns; estimated metal pricing, metallurgy, mineability, marketability and operating and capital costs, together with other assumptions underlying our resource and reserve estimates; our expected ability to develop adequate infrastructure and that the cost of doing so will be reasonable; assumptions that all necessary permits and governmental approvals will be obtained and the timing of such approvals; assumptions made in the interpretation of drill results, the geology, grade and continuity of our mineral deposits; our expectations regarding demand for equipment, skilled labor and services needed for exploration and development of mineral properties; and that our activities will not be adversely disrupted or impeded by development, operating or regulatory risks.

CAUTIONARY NOTE CONCERNING RESERVE & RESOURCE ESTIMATES

This presentation uses the terms “mineral resources”, “measured mineral resources”, “indicated mineral resources” and “inferred mineral resources”. United States investors are advised that, while such terms are recognized and required by Canadian securities laws, the SEC Industry Guide 7 (“Industry Guide 7”) does not recognize them. Under Industry Guide 7, mineralization may not be classified as a “reserve” unless the determination has been made that the mineralization could be economically and legally produced or extracted at the time the reserve determination is made. Mineral resources that are not mineral reserves do not have demonstrated economic viability. United States investors are cautioned that they should not assume that all or any part of measured or indicated mineral resources will ever be converted into mineral reserves. Further, inferred mineral resources have a great amount of uncertainty as to their existence and as to whether they can be mined legally or economically. Disclosure of “contained ounces” is permitted disclosure under Canadian regulations, however, Industry Guide 7 normally only permits issuers to report “resources” as in place tonnage and grade without reference to unit measures. Accordingly, information concerning descriptions of mineralization and mineral resources contained in this presentation may not be comparable to information made public by United States companies subject to Industry Guide 7 reporting and disclosure requirements. The Company has no reserves, as that term is defined under Industry Guide 7.

On October 31, 2018, the SEC adopted a final rule (“New Final Rule”) that will replace Industry Guide 7 with new disclosure requirements that are more closely aligned with current industry and global regulatory practices and standards, including National Instrument 43-101 – Standards of Disclosure for Mineral Projects (“NI-43-101”). Companies must comply with the New Final Rule for the first fiscal year beginning on or after January 1, 2021, which for NOVAGOLD would be the fiscal year beginning December 1, 2021. While early voluntary compliance with the New Final Rule is permitted, NOVAGOLD has not elected to comply with the New Final Rule at this time.

NI 43-101 is a rule developed by the Canadian Securities Administrators, which established standards for all public disclosure an issuer makes of scientific and technical information concerning mineral projects. Unless otherwise indicated, all resource estimates contained in this presentation have been prepared in accordance with NI 43-101 and the CIM Definition Standards.

TECHNICAL REPORTS AND QUALIFIED PERSONS

The documents referenced below provide supporting technical information for the Donlin Gold project.

Project	Qualified Person(s)	Most Recent Disclosure
Donlin Gold	Kirk Hanson P.E.	“Donlin Creek Gold Project Alaska, USA, NI 43-101 Technical Report on Second Updated Feasibility Study” prepared by AMEC, effective November 18, 2011, amended January 20, 2012 (the “2011 Technical Report”).

Clifford Krall, P.E., who is the Mine Engineering Manager for NOVAGOLD and a “qualified person” under NI 43-101, has approved the scientific and technical information contained in this presentation.

As disclosed in NOVAGOLD’s June 29, 2021 media release, Wood Canada Limited (“Wood” formerly AMEC Americas Limited) has updated the content in the 2011 Technical Report with updated costs, economic assessment, permitting information and technical information relating to the permitting, generated on the Donlin Gold project since 2011. The Wood review exercise determined that the report updating exercise resulted in no material change to the mineral resources or mineral reserves. Accordingly, NOVAGOLD will be voluntarily filing the technical report, entitled “NI 43-101 Technical Report on the Donlin Gold Project, Alaska, USA”, with an effective date of June 1, 2021 (the “2021 Technical Report”), on SEDAR in 2021 to update the scientific and technical information on the property and to support NOVAGOLD’s disclosure on the Donlin Gold project.

NOVAGOLD: Donlin Gold is a Tier-One Asset¹ in a Tier-One Jurisdiction²

Unique asset with strong, investor-friendly attributes

SIZE: 39,000,000 gold ounces contained in measured and indicated mineral resources³

GRADE: 2.24 g/t⁴, more than double the world average grade⁵

EXPLORATION POTENTIAL: Endowment is contained within 3km of an 8km mineralized trend, which itself is located on less than 5% of Donlin Gold's land position

JURISDICTION: Alaska is a premier mining jurisdiction⁶ with respect for socially and environmentally responsible mine development

PARTNERS: Time-tested partnerships with Native Corporations and Barrick Gold, 50% JV owner

LEVERAGE: Excellent leverage to rising gold price

BALANCE SHEET: Solid cash and term deposits of \$108 million at May 31, 2021, additional \$75 million received July 27, 2021, notes receivable of \$25 million, and no short-term debt⁷

PERMITS: Key federal and state permits in place

MANAGEMENT & BOARD: Successful track record of building and operating mines

SHAREHOLDERS: Strong time-tested support from premier institutional investors



1) NOVAGOLD defines a Tier-One gold development project as one with a projected production life of at least 10 years, annual projected production of at least 500,000 ounces of gold, and average projected operating costs over the production life that are in the lower half of the industry cost curve.

2) NOVAGOLD considers Tier-One jurisdictions to be any in the top 10 rank by the Investment Attractiveness Index in the Fraser Institute Annual Survey of Mining Companies, 2020. Alaska is ranked number 5.

3) Represents 100% of measured and indicated mineral resources, inclusive of mineral reserves, of which NOVAGOLD's share is 50%. Donlin Gold is not in production and a construction decision has not been made at this time. See "Cautionary Note Concerning Reserve and Resource Estimates" and "Mineral Reserves & Mineral Resources" table on slides 2 and 33.

4) Represents average grade of measured and indicated mineral resources, inclusive of mineral reserves. See "Cautionary Note Concerning Reserve and Resource Estimates" and "Mineral Reserves & Mineral Resources" table on slides 2 and 33.

5) 2020 average grade of open-pit and underground deposits with gold as primary commodity and over 1Moz in measured and indicated resources, sourced from S&P Global Market Intelligence.

6) Alaska ranks number 5 globally in the Fraser Institute Annual Survey of Mining Companies 2020, Investment Attractiveness Index.

7) Including notes receivable from the sale of Galore Creek project formerly 50%-owned by NOVAGOLD. Deferred compensation on sale of Galore Creek includes \$25M on earlier of Feasibility Study or July 27, 2023. Long term debt of the company consists of a promissory note payable to Barrick of approximately \$111 million comprised of \$51.6 million in principal, and \$59.7 million in accrued interest at U.S. prime plus 2% as of May 31, 2021. The promissory note and accrued interest are payable from 85% of the Company's share of revenue from future mine production or from any net proceeds resulting from a reduction of the Company's interest in Donlin Gold LLC.

Map Source: Alaska Miners Association, "The Economic Benefits of Alaska's Mining Industry" February 2021.

NOVAGOLD: Company History Highlights

The Gold Development Company for the 21st Century

1984 Incorporated in Nova Scotia – Gerald McConnell as CEO leads exploration company initially focused on gold properties in Nova Scotia, later exploration expands throughout the Americas

1998 Rick Van Nieuwenhuysen joins as President & CEO; focuses exploration on North America

2001 NOVAGOLD obtains option to earn a 70% interest in the Donlin Creek project by investing \$10M over 10 years; earn-in completed in 18 months

2003 Placer Dome exercised its Back-in Right and became the project operator

2006 Barrick buys Placer Dome in January 2006; in July 2006 Barrick makes a hostile offer for NOVAGOLD, offer expires in December

2007 Barrick and NOVAGOLD resolve disputes and pledge to advance Donlin Creek; form Donlin Creek LLC with each owning 50%; completes Donlin Creek project feasibility study

2009 Electrum becomes NOVAGOLD's largest shareholder

2011 Second updated feasibility study completed, and NI 43-101 Technical Report is filed; change of project name and LLC to Donlin Gold

2012 NOVAGOLD completes corporate reorganization, new management team hired

- Greg Lang joins as President & CEO
- Trilogy Metals (formerly NovaCopper) spun-out
- ✓ *NOVAGOLD becomes a pure-gold play focused on flagship asset – Donlin Gold*
- Permitting process commences

2017 Donlin Gold drill program complete, encountered more high-grade intercepts

2018 Major milestones achieved

- Sale of Galore Creek to Newmont, July 2018
- Final Environmental Impact Statement for Donlin Gold received April 2018
- The Corps and BLM issued a joint ROD for Donlin Gold in August 2018

2018-2021 Receipt of key state permits: section 401 certification, pipeline ROW lease authorization, waste management permit, reclamation plan approval, title 16 fish habitat permits, water rights

2020 Largest Donlin Gold drill program in 12 years completed, 85 holes in ACMA and Lewis pits encountered more high-grade intercepts including some near-surface

2021 Receipt of \$75 million from Newmont Corp. as second payment for 2018 Galore Creek sale

NOVAGOLD: Promises Kept, Excellent Partnerships

Track record of successfully translating company goals into shareholder value

Culture of mutual respect between NOVAGOLD, Donlin Gold and people in remote villages and throughout Alaska

- Well established partnership with Native Corporations
 - Employment, scholarships, workforce development and environmental programs in the region
 - Resource development for future benefit of all stakeholders

Advancement of Donlin Gold

- 2011 Technical Report
- 2012 commencement of permitting
- 2017-2021 targeted drill campaigns
- 2018 receipt of Record of Decision and major federal permits
- 2019-2021 receipt of key State permits
- 2021 Technical Report

Aligned on project strategy and timeline with Barrick Gold, NOVAGOLD's equal partner in Donlin Gold

- 14-year history of building value with an unwavering focus on stakeholder wealth creation; technical excellence; environmental stewardship; and social responsibility
- Constructive and positive relationship with Barrick, respect for Barrick's corporate objectives, including renewed focus on geology

Successful strategic focus on becoming a pure gold play

- Spin-out of 100%-owned Ambler project in 2012 to form NovaCopper (now Trilogy Metals)¹, now with market capitalization of greater than C\$405M²
- Enhanced value of Galore Creek with 2011 pre-Feasibility Study and successful monetization of the asset in 2018 with sale of NOVAGOLD's 50%-interest to Newmont Corp. for up to \$275M³

1) As per the media release titled "NovaGold Shareholders Overwhelmingly Approve the NovaCopper Spin-Out", dated March 29, 2012.

2) As of July 29, 2021.

3) As per the media release titled "NOVAGOLD Enters Agreement to Sell Its 50% Stake in Galore Creek to Newmont for up to \$275 Million", dated July 26, 2018.

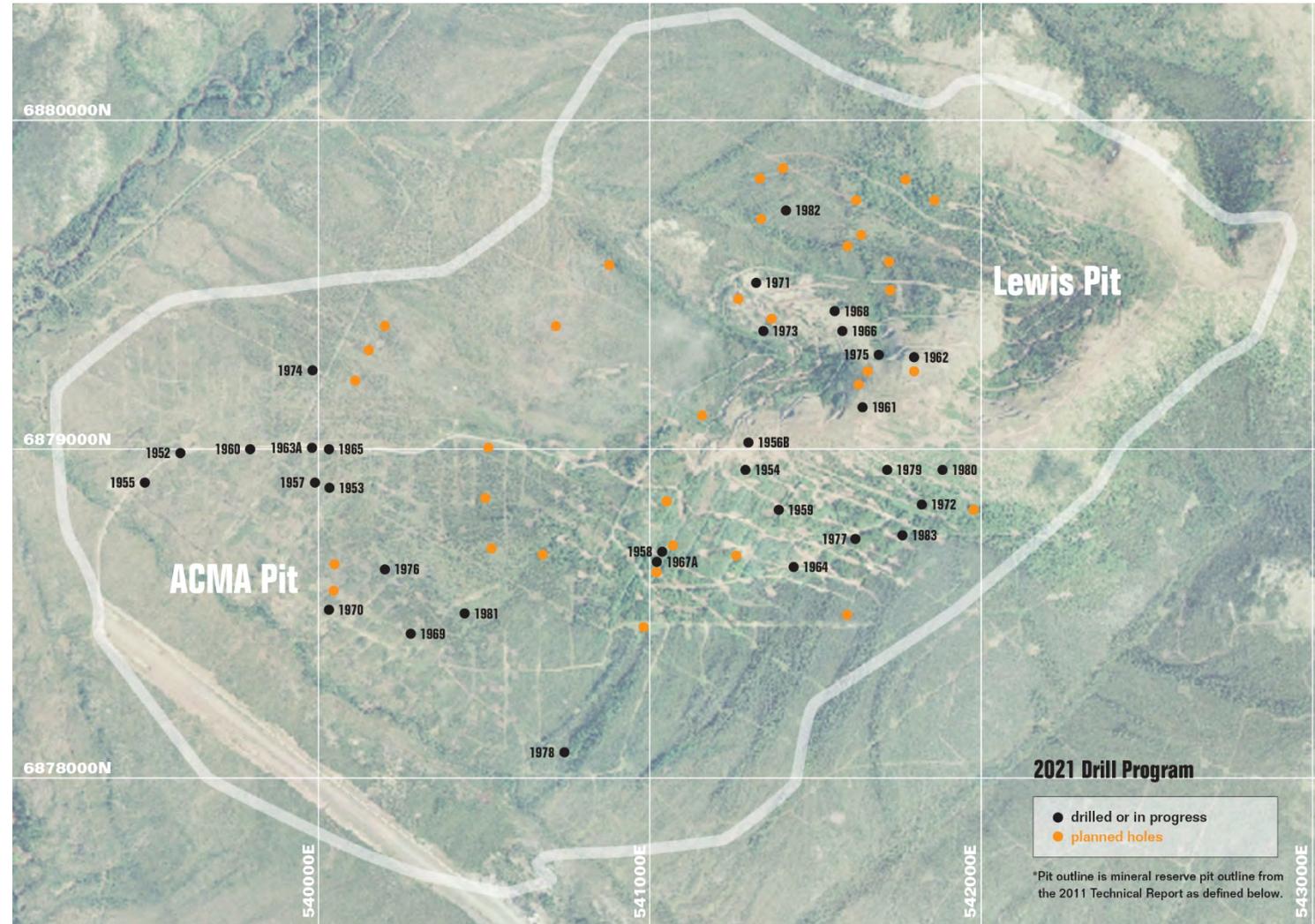
DONLIN GOLD: 2021 Drill Program Update

The Donlin Gold 2021 drill program is progressing as planned

- The Donlin Gold project camp was safely re-opened in March 2021 with four drills operating
- A total of 28 holes have been drilled as of June 29, 2021 (approx. 8,650 meters of length drilled) out of 64 planned for the 2021 program – representing over 40% of the 20,100 meters of planned drilling

The program is expected to:

- Validate mineralization continuity, and test for extensions of high-grade zones in both intrusive (igneous) and sedimentary rocks
- Provide necessary information to support a decision to move to the upcoming feasibility study, subject to a formal decision by the Donlin Gold LLC Board, and initiate the engineering work necessary to advance the project design before reaching a construction decision



DONLIN GOLD: 2021 Drill Program



DONLIN GOLD: Investing in Camp Improvements

Upgraded facilities and equipment at site

Donlin Gold has made significant improvements at camp

- Mobile equipment purchases: Telehandler, water truck, 5yd. Dump truck, F150 pickup, and 2 Polaris side-by-sides
- Larger kitchen facility
- New recreation area furnished
- Upgraded electrical work
- Increased sleeper capacity with 16 new units
- Remodeled Driller's Dry and increased restroom/shower capacity
- Added new 40' x 60' warehouse
- Upgraded core logging and cutting facilities and equipment



DONLIN GOLD: Permitting Update

Key federal permits for the project received and state permitting is well advanced

FEDERAL PERMITTING	
✓	Final Environmental Impact Statement (EIS)
✓	Joint Record of Decision (ROD) by the Corps and Bureau of Land Management
✓	Section 10/404 (wetlands) permit and BLM Offer to Lease for pipeline
✓	Pipeline and Hazardous Materials Safety Administration special permit
STATE PERMITTING	
✓	State air quality and Alaska Discharge Pollutant Elimination System permits
✓	Clean Water Act section 401 Certification
✓	Reclamation Plan approval
✓	Title 16 fish habitat permits
✓	Waste management permit
✓	Pipeline Right-of-Way lease
✓	State land leases, easements, and land use permits issued (non-pipeline)
✓	Water Rights permits
STATE PERMITTING PENDING	
	Dam Safety certifications (<i>multi-year commitment</i>)

NOVAGOLD: 2020 Sustainability Performance

Through collaborative ESG efforts, NOVAGOLD and the Donlin Gold project are committed to responsible mining — positively impacting people and the planet

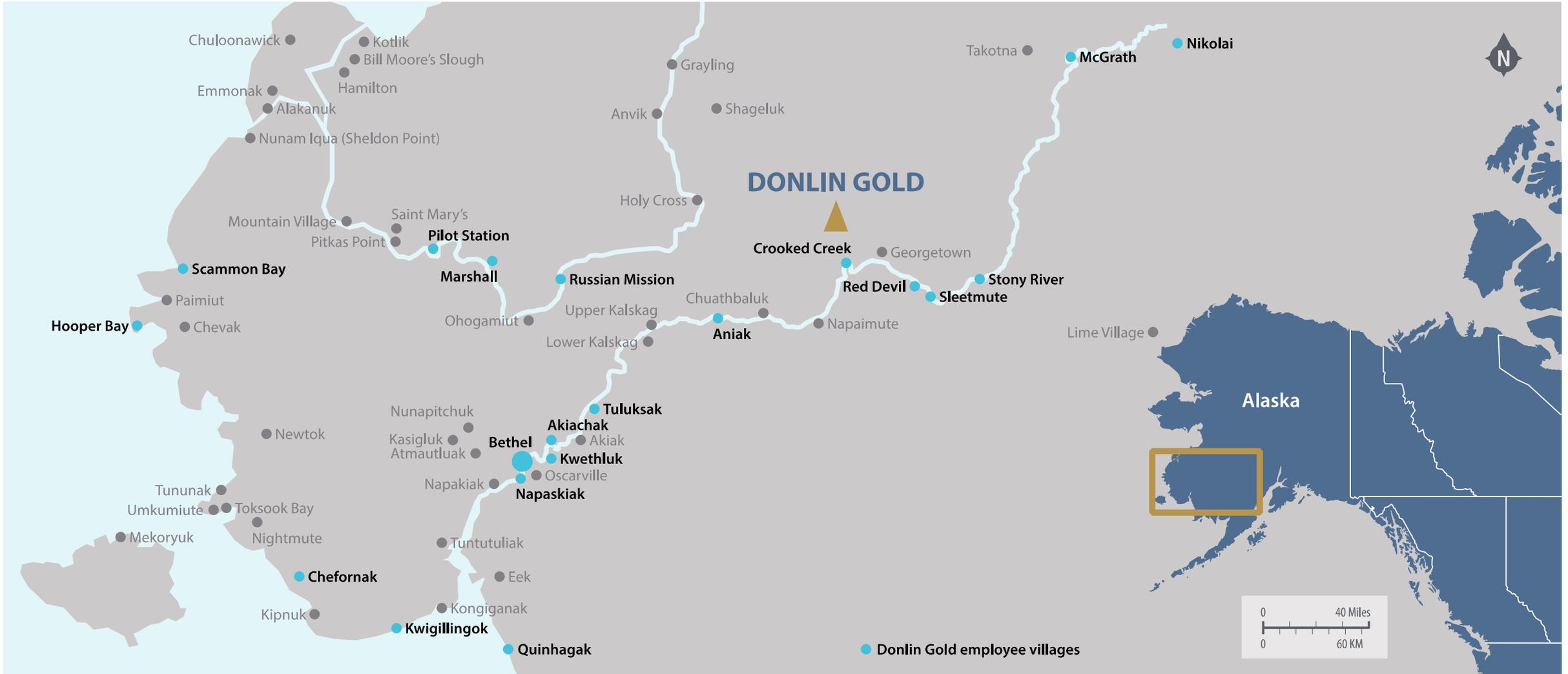
Community engagement 2020: 320 community interactions
 Governance engagement 2020: reached out to ~92% shareholders



*All information is based on the NOVAGOLD 2020 Sustainability summary.

DONLIN GOLD: Our Employees Reflect the Diversity of the Region

70% of Donlin Gold direct hires for the 2021 drill program have ancestral ties to 20 different Y-K Alaska Native villages



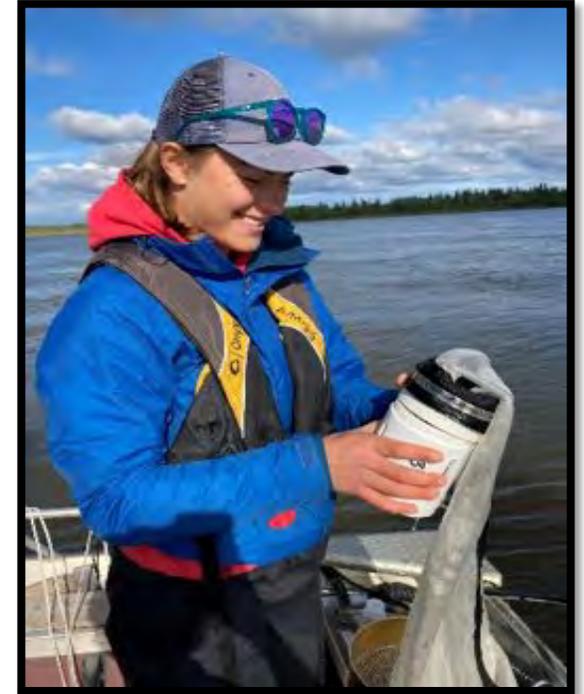
DONLIN GOLD: Our Employees and Contractors



Left: Donlin Gold employees at camp, 2021 drill program



Left: Delivering buckets to rural communities to enhance hygiene practices



Top and Left: Conducting a rainbow smelt larva study



Left: Gathering materials for face mask making kits



DONLIN GOLD: Remaining Responsive and Vigilant with COVID-19 Protocol

Continuing to keep our workforce healthy and safe

Donlin Gold continues to follow strict health protocols to ensure the safety and well-being of its workforce, their families, and local communities for the 2021 field season. This effort is part of a Community and Workforce Protection Plan and includes the following:

- All personnel must monitor their health and consult health professionals if feeling any symptoms of illness and take an accepted COVID-19 test with a negative result before coming into the camp
- Adhering to CDC guidelines and specific procedures for Out-of-State, In-State, and In-Region individuals
- Rapid testing in days prior to arriving at camp and within 48 hours prior to departure for those returning to villages
- Weekly safety meetings designed to reinforce sound hygiene and sanitization practices
- Two negative COVID-19 tests prior to going to camp and a third negative test at camp on day 5 for unvaccinated contractors and employees; one negative test prior to going to camp for fully vaccinated contractors and employees
- Chartered flights to transport personnel to and from site
- Evaluating individuals for symptoms of illness and, if appropriate, isolate and/or evacuate the affected individual from the camp



Community Engagement Initiatives that Support our Values

Building on long-term relationships throughout the Y-K region and supporting communities everywhere we operate

Donlin Gold Shared Values Statements

- Finalized Shared Value Statements with two additional villages from the Y-K region for a total of seven (Akiak, Sleetmute, Napaimute, Crooked Creek, Napaskiak, Nikolai, and Tuluksak) to date. These Statements include educational, environmental, and social initiatives to help support villages

Sponsorships/Partnerships

- The Lower Kuskokwim School District's annual College and Career fair was held virtually in April. More than 42 vendors and 100 students were in attendance and a variety of different career and educational options presented
- NOVAGOLD and Donlin Gold made contributions to the Thomas Lodge in Crooked Creek after a fire to help fund repairs for this vital community asset prior to the busy summer season
- NOVAGOLD sponsored and participated in the Mining for Miracles Pie Throw, an annual fundraising event in support of the BC Children's Hospital Cellular and Regenerative Medicine Centre



Above: Virtual Lower Kuskokwim School District annual College and Career fair.



NOVAGOLD's President & CEO Greg Lang receives a pie for the Mining for Miracles fundraising event.

DONLIN GOLD: Long-Term Alaska Native Corporation Partners

Donlin Gold is being developed on private land that was selected by Calista and TKC at the direction of Y-K Elders in the 1970s

- Donlin Gold LLC strongly supports the Alaska Native Claims Settlement Act¹ (ANCSA) obligation to manage Calista Corporation and The Kuskokwim Corporation (TKC) lands to achieve self-determination and socio-economic benefits for Calista and TKC Shareholders
- In 1971, ANCSA resolved Alaska Native land claims, allotting 44 million acres of land for use by Native Corporations
 - Benefits include revenue sharing, Shareholder employment opportunities, scholarships, and preferential contract considerations
- **Land valuable for resource potential was selected by regional Corporations under ANCSA and resource development companies were invited by the Native Corporations to explore the land**
- **As landowners, Calista and TKC are committed to developing a mining operation consistent with the Elders' vision of responsible development that creates jobs and economic benefits while safeguarding the environment and culture**
- **Donlin Gold has Life-of-Mine agreements with Calista and TKC**
 - Calista – owns the subsurface mineral rights for the Donlin Gold project and some of the surface land
 - TKC – a merger of 10 village corporations, owns most of the surface land for the Donlin Gold project



**Shared Values.
Shared Ownership.**

WE RISE TOGETHER

Calista Corporation and The Kuskokwim Corporation Shareholders can say, "We're all partners of the Donlin Gold project. Elders chose the land and we invited Donlin Gold to develop our mineral resources for the benefit of our Shareholders. Through this partnership, we can provide opportunities for our children, their children and Alaska Native people across our state."

DONLIN GOLD **THE KUSKOKWIM CORPORATION** **CALISTA CORPORATION**

1) Alaska Native Claims Settlement Act, 43 U.S.C. 1601 et seq.

Alaska Native Corporation Partnership Leaders



Andrew Guy,
President & CEO



Robert Beans,
Board Chair

The Kuskokwim Corporation

“The Kuskokwim Corporation, TKC, has been involved every step of the way, in not only inviting Donlin Gold onto our land, but also in writing the permits, in environmental oversight, and really ensuring that this is the best possible project on our land to provide those opportunities for our shareholders, and so we have been very focused on this partnership between Donlin Gold and its partners, Barrick and NOVAGOLD, Calista Corporation and the Kuskokwim Corporation, we’re all working very closely hand-in-hand.”

Calista Corporation

“Calista has been involved with the proposed Donlin Gold project site for over the last 45 years. Calista and leaders from the Yukon-Kuskokwim (Y-K) Delta have worked toward and supported the effort to mine gold from the area. Our early leaders successfully fought for the right to select the land because of its rich mineral deposit. It is important to keep in mind that collaboration and planning are vital when discussing opportunities within the industry. Our families and especially our children deserve the best when making decisions that affect their lives now and well into the future.”



Andrea Gusty
President & CEO

Donlin Gold, Calista and TKC launched a Subsistence Community Advisory Committee (SCAC), which will provide additional local input on the relationship between the Donlin Gold project and subsistence activities within the Kuskokwim River drainage.

This Advisory Committee will:

- Receive and distribute information on Donlin Gold's plans, operations and monitoring activities
- Provide information about local subsistence activities and traditional knowledge as it relates to the Donlin Gold project
- Provide a forum for stakeholders to discuss issues of concern related to Donlin Gold's plans, operations or monitoring activities and their potential impact on subsistence activities, wildlife or habitat
- Make recommendations to the Donlin Advisory Technical Review and Oversight Committee (DATROC) related to subsistence and assist DATROC in developing and periodically updating a subsistence plan for lands and waters affected by the Donlin Gold project



CALISTA CORPORATION
www.calistacorp.com



DONLIN GOLD: A True 50:50 Partnership with Barrick Gold

Taking the Donlin Gold project up the value chain together since 2001

- Donlin Gold LLC is owned 50:50 by Barrick Gold and NOVAGOLD subsidiaries
- The Donlin Gold project management team is subject to oversight and direction by the Donlin Gold LLC joint-venture board comprised of two directors from each of NOVAGOLD and Barrick
- The Donlin Gold LLC Chair alternates between the companies annually. NOVAGOLD's CEO Greg Lang is the Chair for 2021

Where does Donlin Gold fit in the Barrick portfolio?

- Barrick lists four Greenfield Projects: Alturas-Del Carmen (Chile), Donlin Gold (Alaska, USA), Norte Abierto (Chile), and Pascua-Lama (Chile/Argentina)¹
- With 14 producing gold mines, Barrick is the 2nd-largest gold producer in the world and 2020 gold production pro forma 4.8Mozs²
- Barrick had all-In Sustaining Costs of \$967 per ounce³ in 2020 with 68Mozs in gold reserves at an average grade of 1.66g/t at year-end⁴

The logo for Barrick Gold, featuring the word "BARRICK" in a bold, blue, sans-serif font. A thin gold horizontal line is positioned directly beneath the letters.The logo for NOVAGOLD, featuring the word "NOVAGOLD" in a blue, sans-serif font. A small gold triangle is positioned above the letter "A". To the right of the word is a vertical gold line, followed by the tagline "SOLID. SECURE. GOLDEN." in a smaller, blue, sans-serif font.

1. Barrick Gold Exploration & Projects: <https://www.barrick.com/English/operations/exploration-and-projects/default.aspx#exploration>.
2. Barrick Gold Corp. 2021 Annual Report, March 19, 2021: https://s25.q4cdn.com/322814910/files/doc_financial/annual_reports/2020/Barrick-Annual-Report-2020.pdf, page 1.
3. Ibid, page 71, Production and Cost Summary.
4. Ibid, page 156, Gold Mineral Reserves table.

Barrick Gold CEO Mark Bristow on unlocking the tremendous potential of Donlin Gold

“Donlin has been a great journey for me personally, because the whole foundation of how I look at value is built on ore bodies, as a miner, that prescribes the revenue. You can’t put gold in the ground, it’s only God who does that. (...) Donlin is a massive resource and what we set out to do after the merger with Randgold is to work with NOVAGOLD to understand the ore body and decide on the maximum revenue stream... We have shared with the market how we have progressed and now rather than having a statistical gross estimate, we are starting to put the gold into proper geological unit so we can determine the size, the mining equipment, simulate the mining rate, and what we can do realistically. And we now have already started the summer drilling program and we believe that it takes us to a point where we can then plot the next steps in the Donlin progress. It’s a huge resource, well north of 30 million ounces.”^{1, 2} [Emphasis added.]



Mark Bristow
President & CEO
Barrick Gold Corporation

1) Kitco News Interview with Michael McCrae on May 6, 2021 “Barrick Gold’s Mark Bristow on how to out-flank bitcoin” <https://www.kitco.com/news/2021-05-06/Barrick-Gold-s-Mark-Bristow-on-how-to-out-flank-bitcoin.html>

2) Represents 100% of measured and indicated mineral resources, inclusive of mineral reserves, of which NOVAGOLD’s share is 50%. See “Cautionary Note Concerning Reserve and Resource Estimates” and “Mineral Reserves & Mineral Resources” table on slides 2 and 33.

DONLIN GOLD: NI 43-101 Technical Report

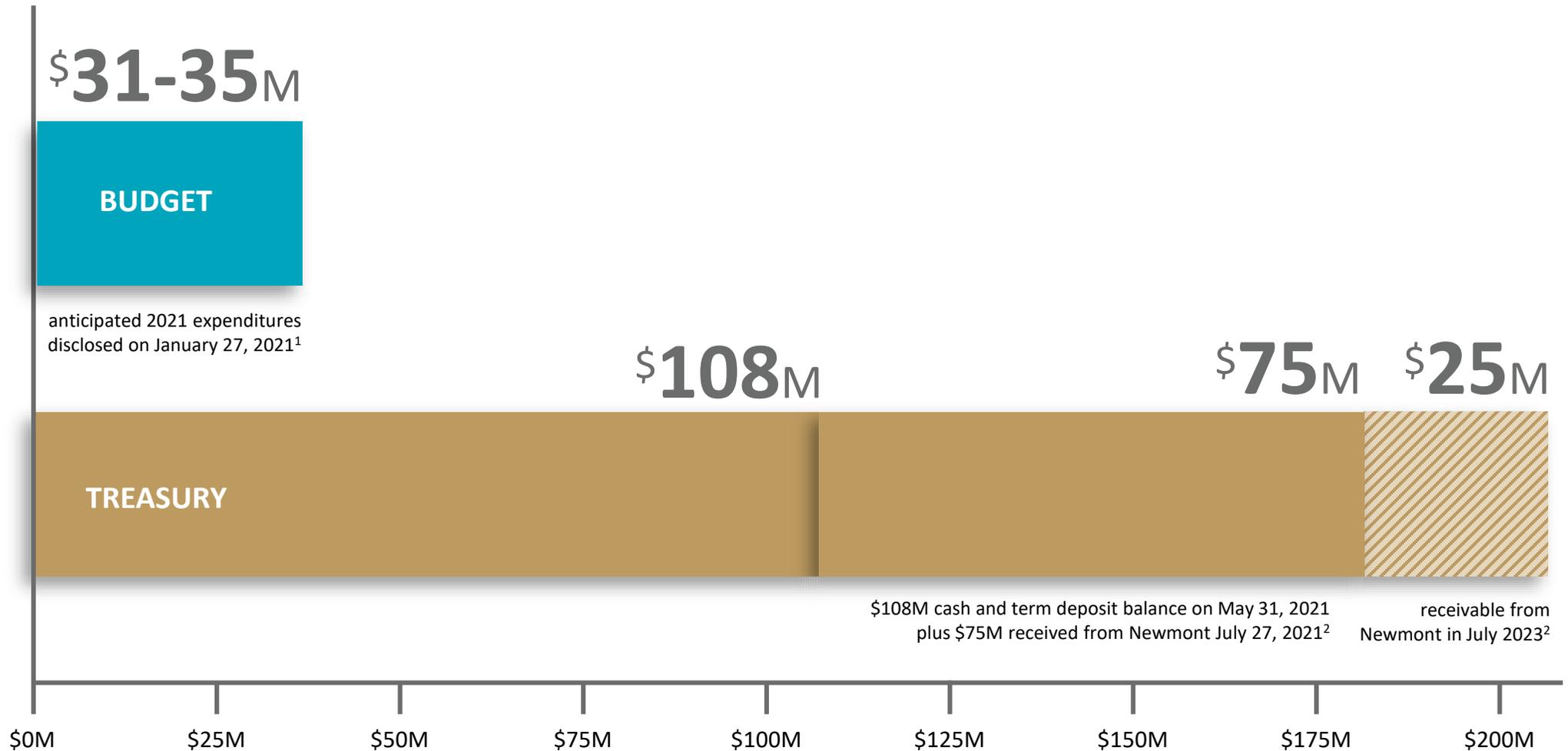
An update to the content in the 2011 Technical Report¹

- **In 2020, NOVAGOLD retained Wood Canada Limited (“Wood”) to perform a detailed review of the costs and other assumptions used in the previously filed 2011 Technical Report**
- **Based on that cost review and economic analysis, as per the updated content in the 2021 Technical Report dated June 1, 2021, Wood determined that updating the 2011 Technical Report using 2020 costs, and new gold price guidance and the geologic and resource models utilized in support of the 2011 Technical Report, the 2021 Technical Report results in no material change to the mineral resources or mineral reserves**
- Updated content in the 2021 Technical Report includes operating costs, capital costs, tax rates, long term gold price, the economic analysis, and summaries of exploration, drilling, and permitting work completed since 2011
- The 2021 Technical Report is expected to be filed voluntarily on SEDAR in 2021
- Note that the 2021 Technical Report utilizes the existing mineral resources model and the same technical information from the previous Donlin Gold 2011 Technical Report with 2020 costs and adjusted gold price and is **separate from the upcoming feasibility study that is expected to commence, subject to Donlin Gold LLC Board approval, once we have completed the 2021 drill program and geologic model update incorporating all the latest drill data, optimization work, and trade off studies since 2011**

1) For more information as it pertains to the update to the content in the 2011 Technical Report, please see June 29, 2021 media release titled “NOVAGOLD Reports Second Quarter 2021 Financial Results”.

NOVAGOLD: Maintaining a Strong Treasury

A healthy treasury to advance Donlin Gold to the next stage of development

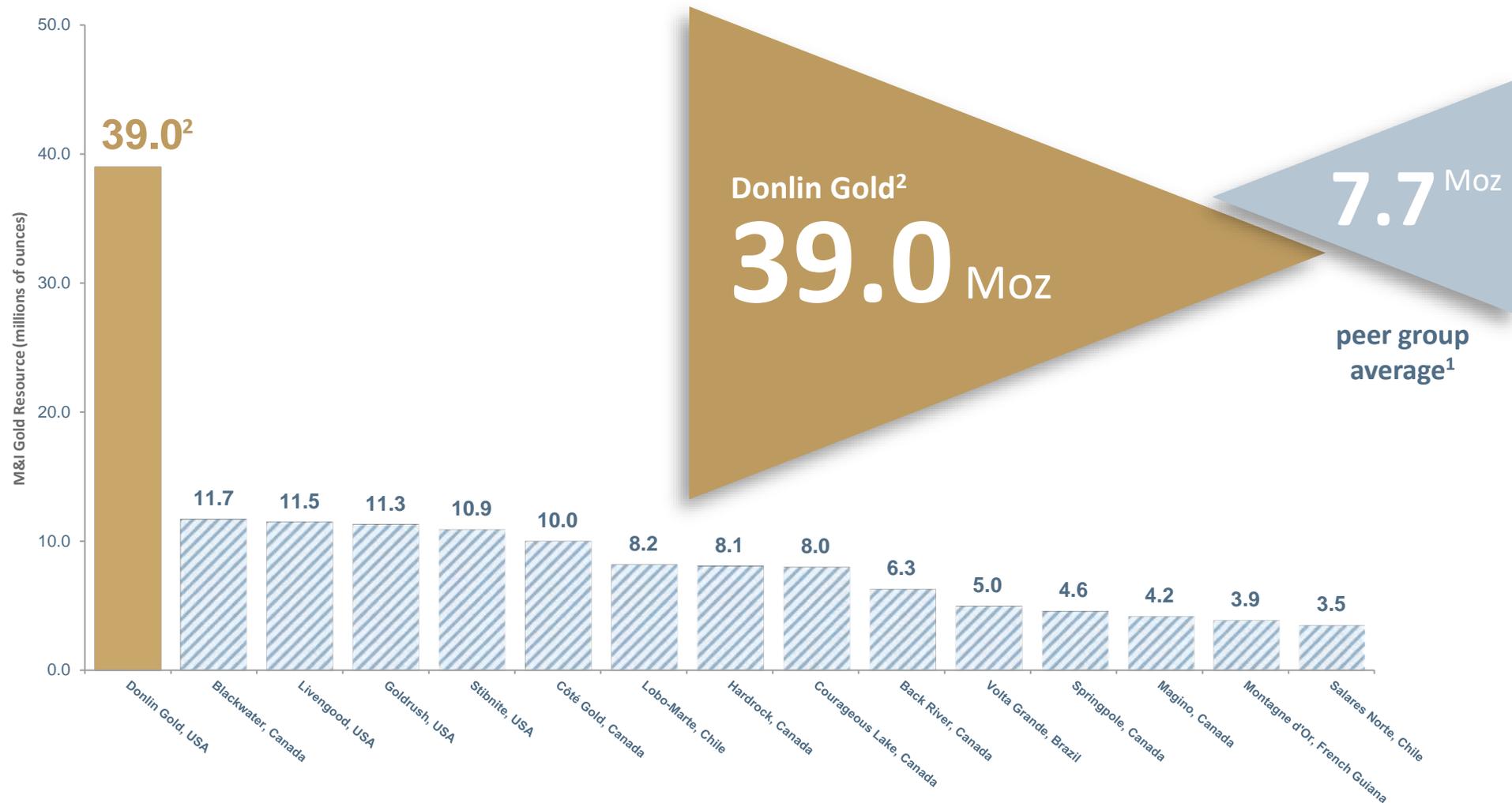


1) Budget includes \$18-22M to Donlin Gold and \$13M G&A.

2) NOVAGOLD sold its 50% ownership of the Galore Creek project to Newmont in 2018. Deferred compensation on the sale of Galore Creek includes \$25M on earlier of Feasibility Study or July 27, 2023. An additional \$75M is due upon construction approval. For additional detail, see the media release dated July 28, 2021: "NOVAGOLD Receives \$75 Million from Newmont Corporation".

DONLIN GOLD: Largest Gold Development Project in its Category¹

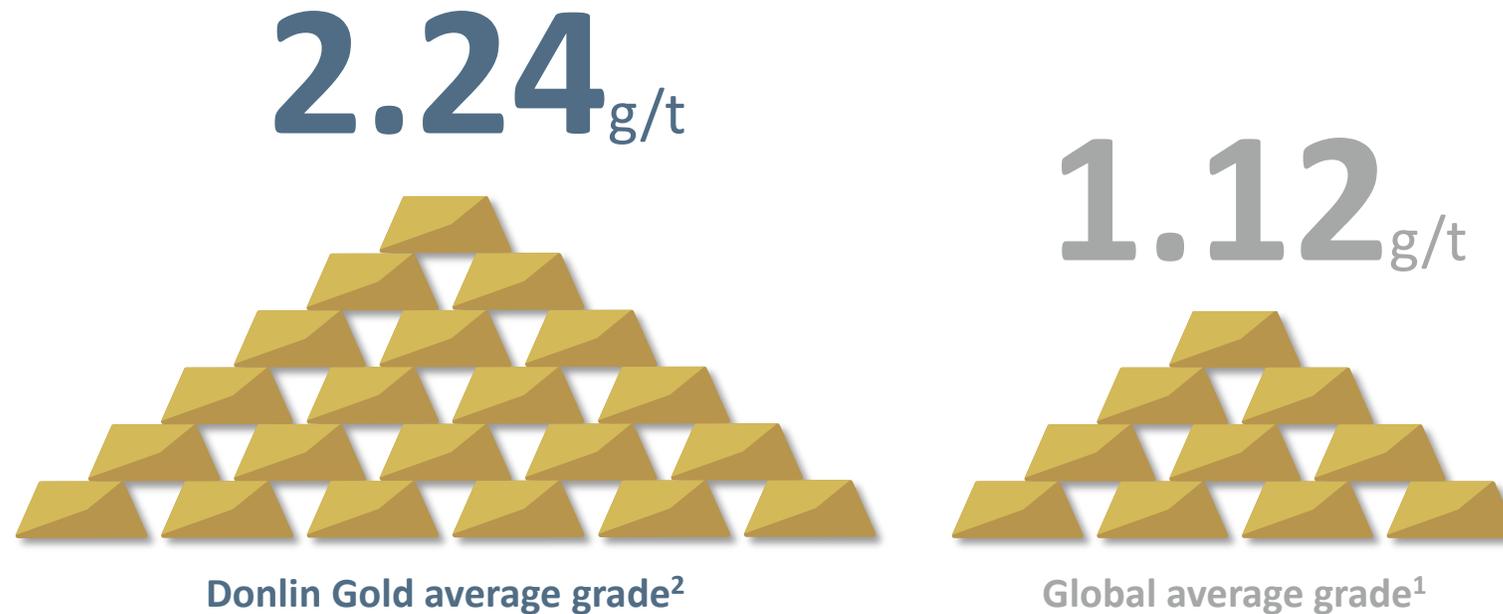
A resource more than five times the size of the peer group average



1) Peer group data based on company documents, public filings and websites as of July 29, 2021. Comparison group of 14 projects based on large (2Moz Proven and Probable cut off), North/South American gold-focused development projects with >75% projected revenues from gold.
 2) Represents 100% of measured and indicated mineral resources, inclusive of mineral reserves, of which NOVAGOLD's share is 50%. See "Cautionary Note Concerning Reserve and Resource Estimates" and "Mineral Reserves & Mineral Resources" table on slides 2 and 33.

DONLIN GOLD: Double the Global Average Gold Grade¹

Among the world's highest-grade known open-pit gold deposits



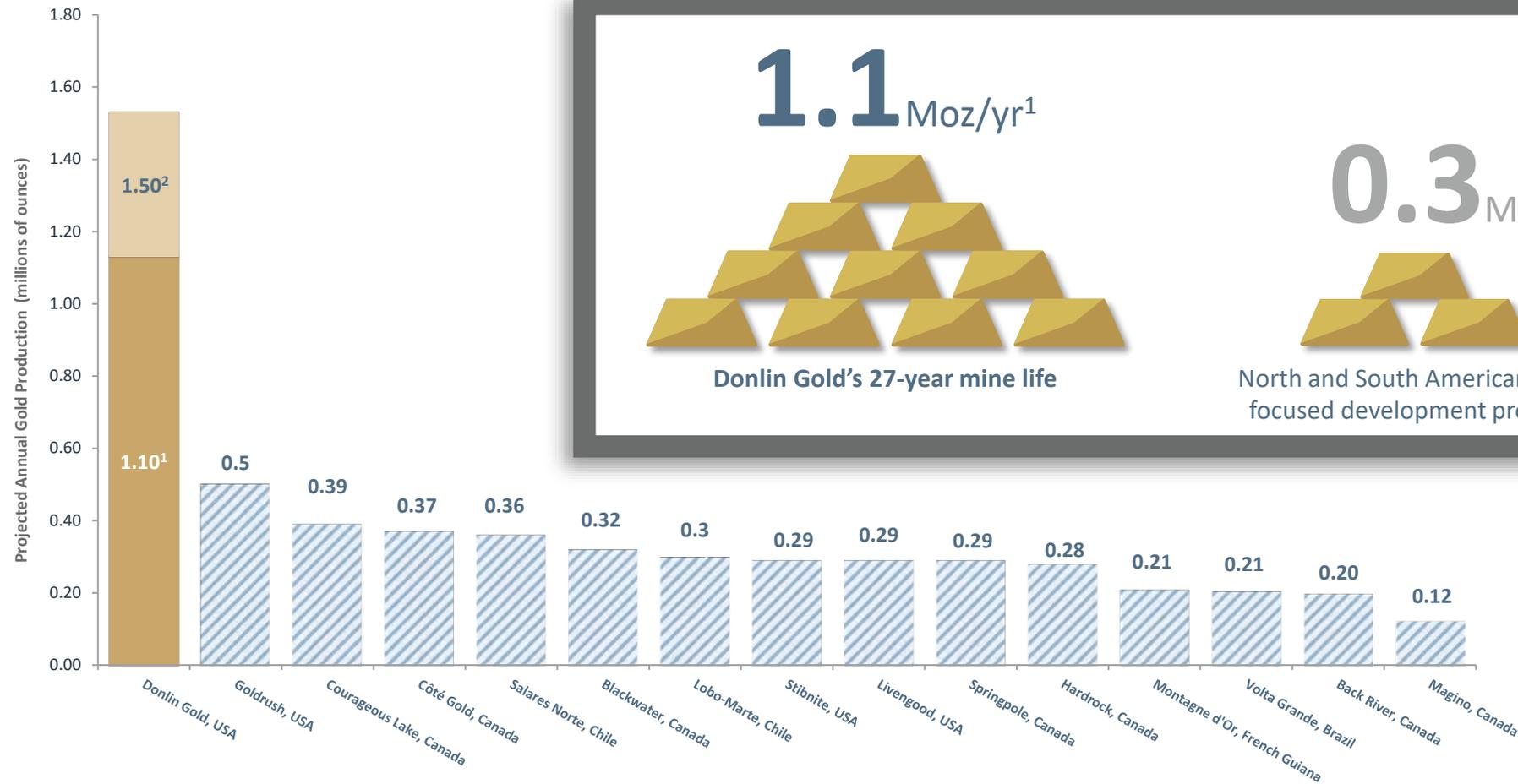
While global average gold grades are declining, Donlin Gold's grade provides resilience through commodity price cycles

1) 2020 average grade of open-pit and underground deposits with gold as primary commodity and over 1Moz in measured and indicated resources, sourced from S&P Global Market Intelligence.

2) Represents average grade of measured and indicated mineral resources, inclusive of mineral reserves. See "Cautionary Note Concerning Reserve and Resource Estimates" and "Mineral Reserves & Mineral Resources" table on slides 2 and 33.

DONLIN GOLD: Positioned to be One of the World's Largest Gold Mines

Positioned to become a million-ounce gold producer¹



1.1 Moz/yr¹

Donlin Gold's 27-year mine life

0.3 Moz/yr³

North and South American gold-focused development projects

1) Anticipated annual gold production during full life of mine if put into production as contemplated in the 2011 Technical Report as updated in NOVAGOLD's media release dated June 29, 2021. See "Cautionary note concerning Reserve & Resource Estimates" and "Mineral Reserves & Mineral Resources" table on slides 2 and 33.

2) Anticipated annual gold production during first five full years of mine life if put into production as contemplated in the 2011 Technical Report as updated in NOVAGOLD's media release dated June 29, 2021. See "Cautionary note concerning Reserve & Resource Estimates" and "Mineral Reserves & Mineral Resources" table on slides 2 and 33.

3) Average of comparison group data of 14 projects based on large (2Moz P&P cut off), North/South American gold-focused development projects with >75% projected revenues from gold, as per latest company documents, public filings and websites as of January 2021.

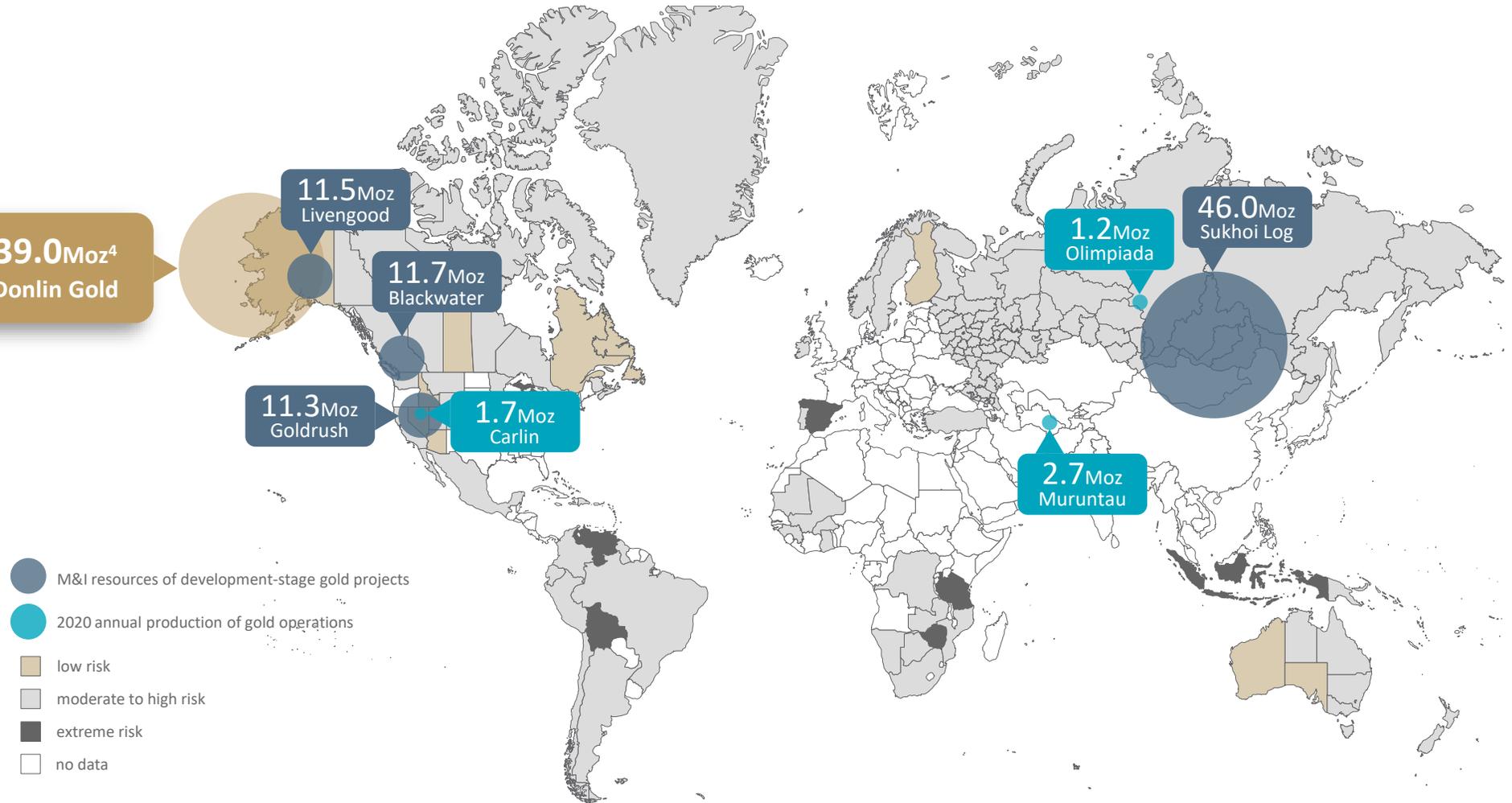
DONLIN GOLD: One of the Largest Gold Projects in a Safe Jurisdiction¹

A comparison of the top three gold producing operations² and the five largest development-stage gold projects³

ALASKA'S JURISDICTIONAL APPEAL

- Mineral potential
- Established mining industry
- Political and social stability
- Excellent local partnerships
- A full embrace of the rule of law

39.0Moz⁴
Donlin Gold



1) The jurisdictional risk map is derived from the top 10 (lower risk) and bottom 10 (extreme risk) of 77 jurisdictions reviewed in the Fraser Institute Annual Survey of Mining Companies 2020.

2) Only three mines produced greater than 1 million ounces in 2020: Muruntau (2,652koz), Carlin (1,665koz), and Olimpiada (1,229koz), as per SNL Metals & Mining, an offering of S&P Global Market Intelligence.

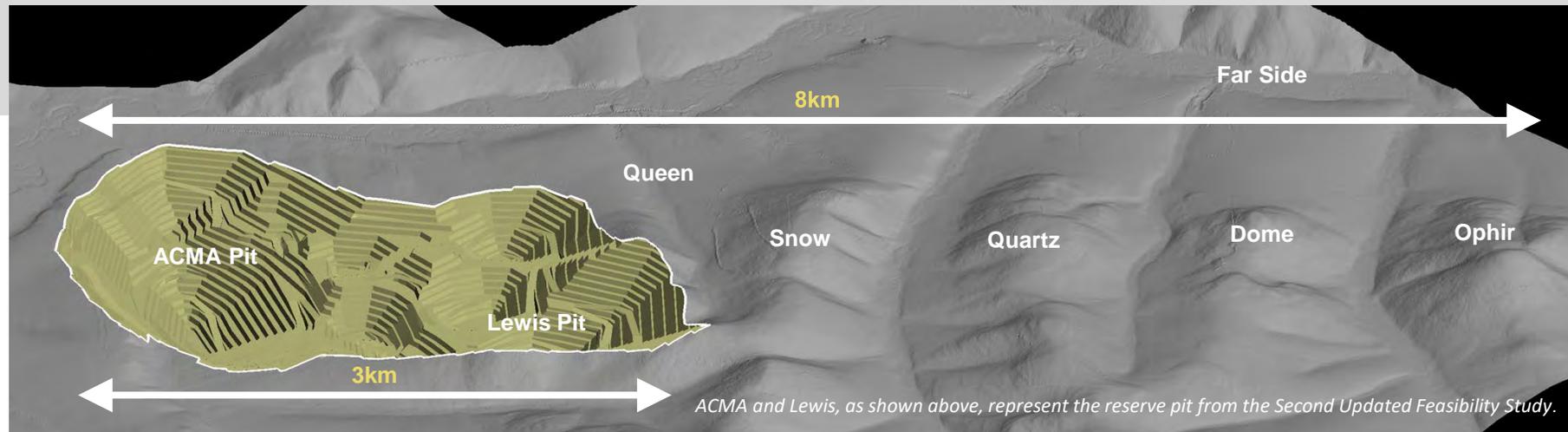
3) Gold development stage projects defined as the top 5 globally by contained gold in measured and indicated resources, >75% projected revenues from gold, and with stated proven and probable reserves, as per latest company documents, public filings and websites as of July 2021.

4) Represents 100% of M&I resources, inclusive of mineral reserves, of which 50% is NOVAGOLD's share. Donlin Gold is not in production and a construction decision has not been made. See "Cautionary Note Concerning Reserve and Resource Estimates" and "Mineral Reserves & Mineral Resources" table on slides 2 and 33.

DONLIN GOLD: The Next Big Gold Discovery Could be at Donlin Gold

Substantial exploration potential along the 8km mineralized trend, located on less than 5% of Donlin Gold's land position

- From 2006 to 2011, M&I resources increased 135% (16.6Moz¹ to 39.0Moz²) through a well-executed exploration program, resulting in a gold resource defined with approximately 1,400 drill holes totaling more than 339,000 meters to date
- **Reserves and resources are contained in the ACMA and Lewis pits occupying only 3km of an 8km mineralized belt, which itself is located on less than 5% of Donlin Gold's land position**
- Inferred mineral resource: 6Moz of gold (92M tonnes grading 2.02 g/t Au) mainly inside the reserve pit³
- Future exploration potential exists to expand current resource along strike and at depth



1) Represents measured and indicated mineral resources previously reported by NOVAGOLD and supported by a past technical report, "Preliminary Assessment, Donlin Creek Gold Project, Alaska, USA", effective September 20, 2006. Represents 100% of measured and indicated mineral resources reported, of which NOVAGOLD's share was 70% in September 2006. Measured resources totaled 20 million tonnes grading 2.56 grams per tonne, and indicated resources totaled 196 million tonnes grading 2.39 grams per tonne. This estimate has been superseded by the estimate contained in the 2011 Technical Report effective November 18, 2011, and amended January 20, 2012, as updated in NOVAGOLD's media release dated June 29, 2021. For current mineral reserves and resources, refer to "Cautionary Note Concerning Reserve & Resource Estimates" and "Mineral Reserves & Mineral Resources" table on slides 2 and 33.

2) Represents 100% of measured and indicated mineral resources, inclusive of mineral reserves, of which NOVAGOLD's share is 50%. See "Cautionary Note Concerning Reserve and Resource Estimates" and "Mineral Reserves & Mineral Resources" table on slides 2 and 33.

3) Represents 100% of inferred mineral resources, of which NOVAGOLD's share is 50%. See "Cautionary Note Concerning Reserve and Resource Estimates" and "Mineral Reserves & Mineral Resources" table on slides 2 and 33. Inferred resources have a great amount of uncertainty as to their existence and as to whether they can be mined legally or economically.

DONLIN GOLD: Project Catalysts

2021 Drill Program Expected to be Final Confirmation Before Shift of Focus to Upcoming Feasibility Study

- Complete the geologic model update with additional 2021 confirmation and extension drilling, focusing on the continuity and structural controls of the higher-grade mineralization
- Subject to a formal decision by the Donlin Gold LLC Board, the focus will then shift to the upcoming feasibility study

Expected development lifecycle of one of the world's largest open-pit mining projects



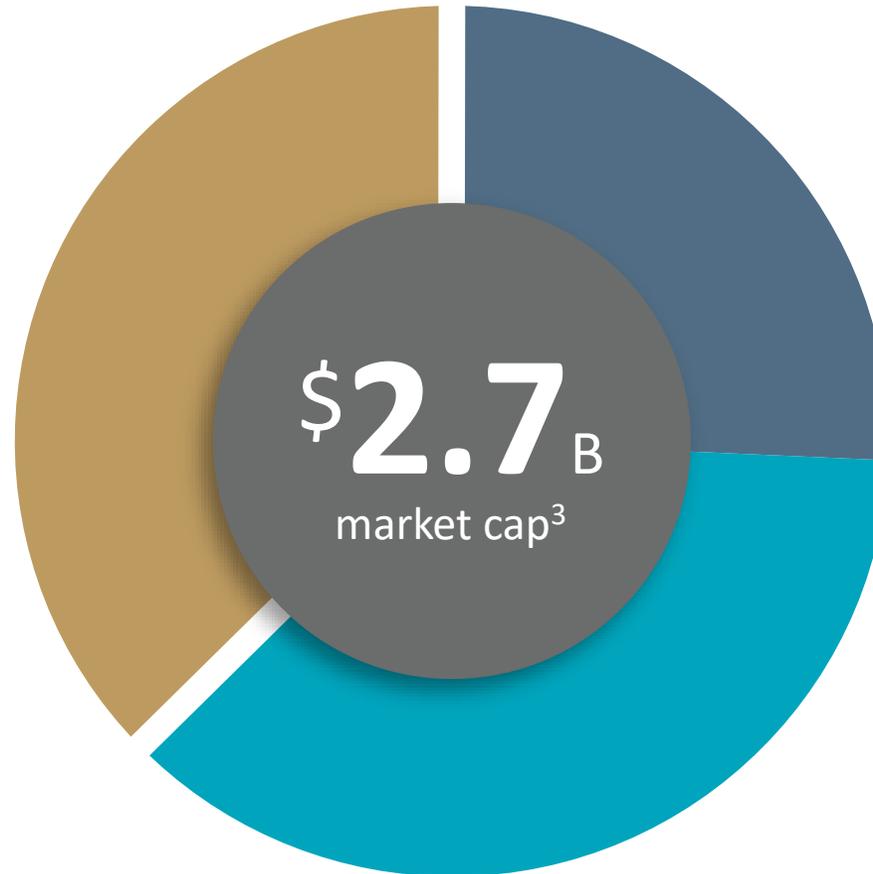
1) SP Global Market Intelligence research article "Top mines average time from discovery to production: 16.9 years," April 7, 2020.

2) Donlin Gold data as per the 2011 Technical Report as updated in NOVAGOLD's media release dated June 29, 2021. For current mineral reserves and resources, refer to "Cautionary Note Concerning Reserve & Resource Estimates" and "Mineral Reserves & Mineral Resources" table on slides 2 and 33. Projected average annual production represents 100% of which NOVAGOLD's share is 50%.

NOVAGOLD: Strong Institutional Shareholder and Management Support

The 10 largest shareholders represent 64.7% of shares issued and outstanding¹
Named Executive Officers' ownership has increased to 2,698,074 shares² since joining the company

35.3%
all other shareholders



64.7%
top 10 shareholders

25.7% Electrum Strategic Resources LP & affiliates
7.5% Fidelity Management & Research Company
6.7% Paulson & Co. Inc.
6.4% BlackRock Institutional Trust & affiliates
4.9% Saudi Public Investment Fund
3.7% Van Eck Associates Corporation
3.5% First Eagle Investment Management
2.5% EXOR Investments (UK) LLP
2.5% The Vanguard Group, Inc.
1.3% Kopernik Global Investors LLC

1) Shareholder positions are based on the latest 13-D, 13-F or 13-G filings as of March 31, 2021.

2) Per SEC Form 4 filings as of July 29, 2021 for NOVAGOLD's CEO and CFO under the NOVAGOLD Resources Inc. profile at <https://www.sec.gov/edgar/search/> and <https://www.novagold.com/investors/financials/>.

3) Market Capitalization based on 331.7 million shares issued and outstanding and NOVAGOLD share price of \$8.02 as of July 29, 2021.

NOVAGOLD: Donlin Gold is a Tier-One Asset¹ in a Tier-One Jurisdiction²

Unique asset with strong, investor-friendly attributes

SIZE: 39,000,000 gold ounces contained in measured and indicated mineral resources³

GRADE: 2.24 g/t⁴, more than double the world average grade⁵

EXPLORATION POTENTIAL: Endowment is contained within 3km of an 8km mineralized trend, which itself is located on less than 5% of Donlin Gold's land position

JURISDICTION: Alaska is a premier mining jurisdiction⁶ with respect for socially and environmentally responsible mine development

PARTNERS: Time-tested partnerships with Native Corporations and Barrick Gold, 50% JV owner

LEVERAGE: Excellent leverage to rising gold price

BALANCE SHEET: Solid cash and term deposits of \$108 million at May 31, 2021, additional \$75 million received July 27, 2021, notes receivable of \$25 million, and no short-term debt⁷

PERMITS: Key federal and state permits in place

MANAGEMENT & BOARD: Successful track record of building and operating mines

SHAREHOLDERS: Strong time-tested support from premier institutional investors



1) NOVAGOLD defines a Tier-One gold development project as one with a projected production life of at least 10 years, annual projected production of at least 500,000 ounces of gold, and average projected operating costs over the production life that are in the lower half of the industry cost curve.

2) NOVAGOLD considers Tier-One jurisdictions to be any in the top 10 rank by the Investment Attractiveness Index in the Fraser Institute Annual Survey of Mining Companies, 2020. Alaska is ranked number 5.

3) Represents 100% of measured and indicated mineral resources, inclusive of mineral reserves, of which NOVAGOLD's share is 50%. Donlin Gold is not in production and a construction decision has not been made at this time. See "Cautionary Note Concerning Reserve and Resource Estimates" and "Mineral Reserves & Mineral Resources" table on slides 2 and 33.

4) Represents average grade of measured and indicated mineral resources, inclusive of mineral reserves. See "Cautionary Note Concerning Reserve and Resource Estimates" and "Mineral Reserves & Mineral Resources" table on slides 2 and 33.

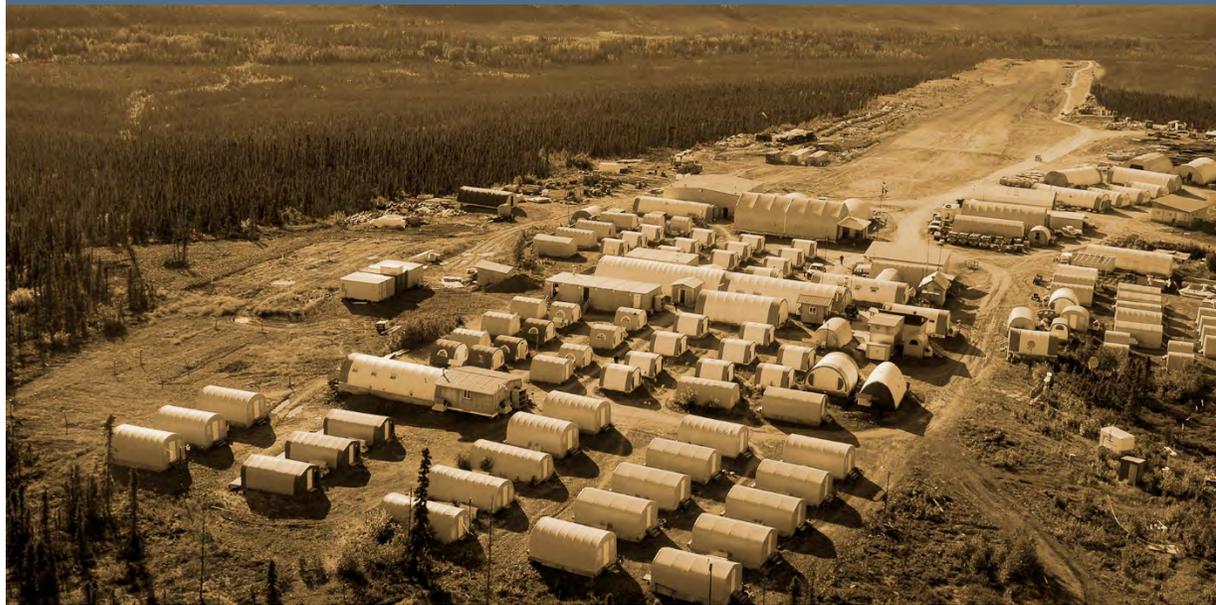
5) 2020 average grade of open-pit and underground deposits with gold as primary commodity and over 1Moz in measured and indicated resources, sourced from S&P Global Market Intelligence.

6) Alaska ranks number 5 globally in the Fraser Institute Annual Survey of Mining Companies 2020, Investment Attractiveness Index.

7) Including notes receivable from the sale of Galore Creek project formerly 50%-owned by NOVAGOLD. Deferred compensation on sale of Galore Creek includes \$25M on earlier of Feasibility Study or July 27, 2023. Long term debt of the company consists of a promissory note payable to Barrick of approximately \$111 million comprised of \$51.6 million in principal, and \$59.7 million in accrued interest at U.S. prime plus 2% as of May 31, 2021. The promissory note and accrued interest are payable from 85% of the Company's share of revenue from future mine production or from any net proceeds resulting from a reduction of the Company's interest in Donlin Gold LLC.

Map Source: Alaska Miners Association, "The Economic Benefits of Alaska's Mining Industry" February 2021.

APPENDIX



NOVAGOLD

NOVAGOLD: The Management Team

Industry leaders to bring Donlin Gold through permitting & beyond

Gregory Lang President and CEO	<ul style="list-style-type: none">• Former President of Barrick Gold North America• 35+ years experience building & operating major open-pit and underground mines (Goldstrike, Cortez, Turquoise Ridge, Bald Mountain, Porgera)• In-depth knowledge of Donlin Gold
David Ottewell VP and Chief Financial Officer	<ul style="list-style-type: none">• Former VP and Corporate Controller of Newmont Mining Corporation• 25+ years of mining industry experience• Diverse experience in all facets of financial management, from mine operations to executive corporate financial management of premier gold producers
Mélanie Hennessey VP, Corporate Communications	<ul style="list-style-type: none">• Held a variety of executive and senior IR & corporate communications positions with Goldcorp, New Gold, and Hecla Mining Company• Leading NOVAGOLD's internal and external communications functions
Ron Rimelman VP, Environment, Health, Safety and Sustainability	<ul style="list-style-type: none">• 35+ years of environmental experience, managing environmental impact assessments and permitting activities world-wide• Leadership role on mine permitting and NEPA evaluations for mine projects in Alaska since 1993
Richard Williams VP, Engineering and Development	<ul style="list-style-type: none">• Led the design and construction of the Pueblo Viejo project in the Dominican Republic• 30+ years of experience developing and operating major mines (Goldstrike and Mercur)• Highly knowledgeable and experienced leader in autoclave technology• Member of the American Institute of Mining, Metallurgical, and Petroleum Engineers; CIM



NOVAGOLD: A Diverse Board of Directors to Guide Donlin Gold

Dr. Thomas Kaplan Chairman	<ul style="list-style-type: none"> • Chairman and CEO of The Electrum Group LLC, a privately held natural resources investment management company that controls a diversified portfolio of precious and base metals assets
Dr. Elaine Dorward-King	<ul style="list-style-type: none"> • Former Executive Vice President of Sustainability and External Relations at Newmont Corporation • Serves as a director of Sibanye-Stillwater, Kenmare Resources plc, and Great Lakes Dredge and Dock Company, LLC
Sharon Dowdall	<ul style="list-style-type: none"> • Former Chief Legal Officer and Corporate Secretary with Franco-Nevada, transforming an industry pioneer into one of the most successful precious metals enterprises in the world • Serves as director of Olivut Resources
Dr. Diane Garrett	<ul style="list-style-type: none"> • President, CEO and director of Hycroft Mining Holding Corporation • Former President and CEO of Nickel Creek Platinum and Romarco Minerals; and former director of OceanaGold and Revival Gold
Greg Lang President and CEO	<ul style="list-style-type: none"> • Former President of Barrick Gold North America, with intimate knowledge of Donlin Gold • Serves as director of Trilogy Metals
Igor Levental	<ul style="list-style-type: none"> • President of The Electrum Group LLC • Former VP of Homestake Mining and International Corona Corp.
Kalidas Madhavpeddi	<ul style="list-style-type: none"> • Chairman of Glencore plc, and director of Trilogy Metals and Dundee Precious Metals Inc. • Former Chief Executive Officer of China Moly Corp and former Executive with Phelps Dodge
Clynton Nauman	<ul style="list-style-type: none"> • CEO and director of Alexco Resources • Formerly with Viceroy Gold and Kennecott Minerals
Ethan Schutt	<ul style="list-style-type: none"> • Executive Vice President and General Counsel of Bristol Bay Native Corporation; and Board Trustee of the Alaska Permanent Fund Corporation • Former CEO of Alaska Native Resource Development LLC, an Alaska Native Tribal Health Consortium company (ANTHC) and Chief of Staff to ANTHC and Senior Vice President, Land and Energy Development for Cook Inlet Region Inc. (CIRI)
Anthony Walsh	<ul style="list-style-type: none"> • Former President and Chief Executive Officer of Miramar Mining Corporation, sold to Newmont Mining Corporation in 2007 • Serves as director of Sabina Gold & Silver Corporation and Dundee Precious Metals

NOVAGOLD: Mineral Reserves & Mineral Resources

Donlin Gold (100% basis)*	Tonnage	Grade	Metal content	
GOLD	kt	g/t Au	koz Au	
Reserves¹				<p>* Mineral reserves and resources are reported on a 100% basis. NOVAGOLD and Barrick each own 50% of the Donlin Gold project.</p> <p>Donlin Gold approximate cut-off grades (see Resources Footnotes): Reserves¹ : 0.57 g/t gold Resources² : 0.46 g/t gold</p> <p>t = metric tonne g/t = grams/tonne oz = ounce k = thousand M = million</p>
Proven	7,683	2.32	573	
Probable	497,128	2.08	33,276	
P&P	504,811	2.09	33,849	
Resources², inclusive of Reserves				
Measured	7,731	2.52	626	
Indicated	533,607	2.24	38,380	
M&I	541,337	2.24	39,007	
Inferred	92,216	2.02	5,993	

- a) This resource estimate has been prepared in accordance with NI 43-101 and the CIM Definition Standard, unless otherwise noted.
b) See numbered footnotes below on resource information.
c) Rounding as required by reporting guidelines may result in apparent summation differences between tonnes, grade and contained metal content
d) Tonnage and grade measurements are in metric units. Contained gold is reported as troy ounces.

- 1) Mineral Reserves are contained within Measured and Indicated pit designs, and supported by a mine plan, featuring variable throughput rates, stockpiling and cut-off optimization. The pit designs and mine plan were optimized on diluted grades using the following economic and technical parameters: Metal price for gold of US\$975/oz; reference mining cost of US\$1.67/t incremented US\$0.0031/t/m with depth from the 220 m elevation (equates to an average mining cost of US\$2.14/t), variable processing cost based on the formula $2.1874 \times (\%) + 10.65$ for each US\$/t processed; general and administrative cost of US\$2.27/t processed; stockpile rehandle costs of US\$0.19/t processed assuming that 45% of mill feed is rehandled; variable recoveries by rock type, ranging from 86.66% in shale to 94.17% in intrusive rocks in the Akivik domain; refining and freight charges of US\$1.78/oz gold; royalty considerations of 4.5%; and variable pit slope angles, ranging from 23° to 43°. Mineral Reserves are reported using an optimized net sales return value based on the following equation: $\text{Net Sales Return} = \text{Au grade} * \text{Recovery} * (\text{US\$975/oz} - (1.78 + (\text{US\$975/oz} - 1.78) * 0.045)) - (10.65 + 2.1874 * (\%) + 2.27 + 0.19)$ and reported in US\$/tonne. Assuming an average recovery of 89.54% and an average 5% grade of 1.07%, the marginal gold cut-off grade would be approximately 0.57 g/t, or the gold grade that would equate to a 0.001 NSR cut-off at these same values. The life of mine strip ratio is 5.48. The assumed life-of-mine throughput rate is 53.5 kt/d.
- 2) Mineral Resources are contained within a conceptual Measured, Indicated and Inferred optimized pit shell using the following assumptions: gold price of US\$1,200/oz; variable process cost based on $2.1874 * (\text{sulphur grade}) + 10.6485$; administration cost of US\$2.29/t; refining, freight & marketing (selling costs) of US\$1.85/oz recovered; stockpile rehandle costs of US\$0.20/t processed assuming that 45% of mill feed is rehandled; variable royalty rate, based on royalty of $4.5\% * (\text{Au price} - \text{selling cost})$. Mineral Resources have been estimated using a constant Net Sales Return cut-off of US\$0.001/t milled. The Net Sales Return was calculated using the formula: $\text{Net Sales Return} = \text{Au grade} * \text{Recovery} * (\text{US\$1,200/oz} - (1.85 + ((\text{US\$1,200/oz} - 1.85) * 0.045))) - (10.65 + 2.1874 * (\%) + 2.29 + 0.20)$ and reported in US\$/tonne. Mineral Resources are inclusive of Mineral Reserves. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability. Inferred Resources are in addition to Measured and Indicated Resources. Inferred Resources have great uncertainty as to their existence and whether they can be mined legally or economically. See "Cautionary Note Concerning Reserve & Resource Estimates" on slide 3.

Technical Reports and Qualified Persons

The documents referenced below provide supporting technical information for the Donlin Gold project.

Project	Qualified Person(s)	Most Recent Disclosure
Donlin Gold	Kirk Hanson P.E.	"Donlin Creek Gold Project Alaska, USA, NI 43-101 Technical Report on Second Updated Feasibility Study" prepared by AMEC, effective November 18, 2011, amended January 20, 2012.

Wood (formerly AMEC Americas Limited) has updated the content with updated costs, economic assessment, permitting information and technical information relating to the permitting, generated on the Donlin Gold project since 2011. The Wood review exercise determined that the report updating exercise resulted in no material change to the mineral resources or mineral reserves. Accordingly, NOVAGOLD will be voluntarily filing the 2021 Technical Report, entitled "NI 43-101 Technical Report on the Donlin Gold Project, Alaska, USA", with an effective date of June 1, 2021, on SEDAR in 2021 to update the scientific and technical information on the property and to support NOVAGOLD's disclosure on the Donlin Gold project.

Clifford Krall, P.E., who is the Mine Engineering Manager for NOVAGOLD and a "qualified person" under NI 43-101, has approved the scientific and technical information contained in this presentation.

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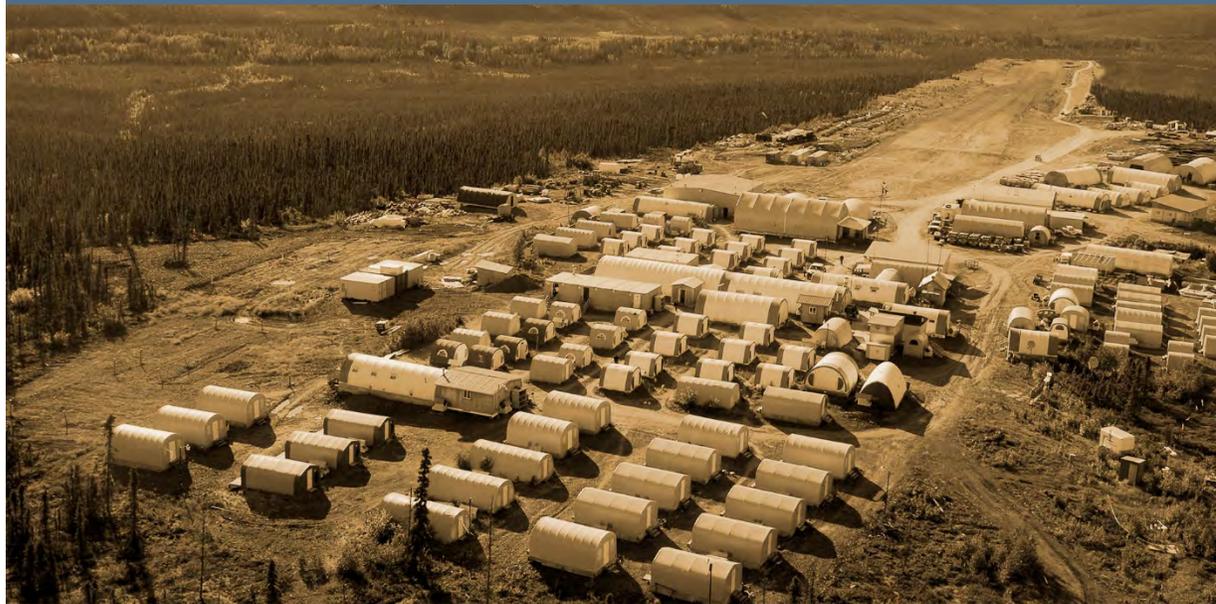
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