

Corporate Presentation May 13, 2024







THE GRANADA GOLD PROPERTY

Premier Exploration and Development Project on the Prolific Cadillac Trend in Quebec's Abitibi Region

DISCLAIMER - Cautionary Statements



No stock exchange, securities commission or other regulatory authority has approved or disapproved the information contained herein.

Cautionary Note Concerning Forward-Looking Statements. This presentation includes certain "forward-looking statements". All such statements and information, other than statements of historical fact, that address activities, events or developments that Granada Gold Mine Inc. believes, expects, anticipates or plans will or may occur in the future are forward-looking statements. Forward-looking statements are often, but not always, identified by the use of words such as "seek", "anticipate", "believe", "plan", "estimate", "expect", and "intend" and statements that an event or result "may", "will", "can", "should", "could", or "might" occur or be achieved and other similar expressions. These forward-looking statements reflect the current internal projections, expectations or beliefs of Granada Gold Mine Inc. based on information currently available to Granada Gold Mine Inc. In addition, all statements other than statements of historical fact, included in this presentation, including without limitation statements regarding potential mineralization and reserves, exploration results, and future plans and objectives of Granada Gold Mine Inc. are forward-looking statements that involve various risks and uncertainties.

There can be no assurance that forward-looking 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 Granada Gold Mine Inc. expectations include, among others, risks related to the start-up of operations, the actual results of current exploration activities, conclusions of economic evaluations and changes in project parameters as plans continue to be refined as well as future prices of gold, silver and base metals. Although Granada Gold Mine Inc. has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements, there may be other factors that cause results not to be as anticipated, estimated or intended. Accordingly, readers should not place undue reliance on forward-looking statements. The forward-looking statements contained in this presentation are included for the purpose of providing investors with information to assist them in understanding the Corporation's expected financial and operational performance and may not be appropriate for other purposes. Granada Gold Mine Inc. does not undertake to update any forward-looking statement that is included herein, except in accordance with applicable securities laws.

The mineral resources estimates contained here are only estimates and no assurance can be given that any particular level of recovery of minerals will be realized or that an identified resource will ever qualify as a commercially mineable or viable deposit which can be legally and economically exploited. In addition, the grade of mineralization ultimately mined may differ from the one indicated by the drilling results and the difference may be material. The estimated resources described herein should not be interpreted as assurances of mine life or of the profitability of future operations. References to potential quantity and grade are conceptual in nature as there has been insufficient exploration to define a mineral resource and it is uncertain if further exploration will result in the target being delineated as a mineral resource. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability.

Cautionary Note to United States Investors Concerning Estimates of Mineral Resources This news release uses the terms "Measured", "Indicated" and "Inferred" Mineral Resources. United States investors are advised that while such terms are recognized and required by Canadian regulations, the United States Securities and Exchange Commission does not recognize them and expressly prohibits U.S. registered companies from including such terms in their filings with the United States Securities and Exchange Commission. "Inferred Mineral Resources" have a great amount of uncertainty as to their existence, and as to their economic and legal feasibility. It cannot be assumed that all or any part of an Inferred Mineral Resource will ever be upgraded to a higher category. United States investors are cautioned not to assume that all or any part of Measured or Indicated Mineral Resource exists, or is economically or legally mineable.

The technical contents of this presentation have been reviewed and approved by Granada Gold Mine Inc. President and CEO Frank Basa, P.Eng. Ontario, a qualified person in accordance with National Instrument 43-101. The contents are for informational purposes only and do not constitute an offer to sell or a solicitation to purchase any securities referred to herein.

Granada Gold: World-Class Mining District



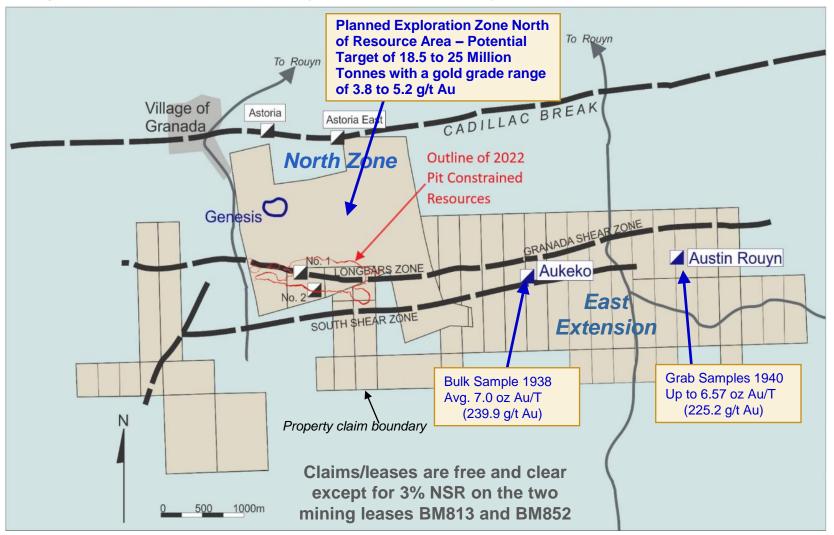
- Cadillac Break Trend: NW Quebec, >75 million ounces gold produced in past 100 years
- Highly Prospective Geology: Gold at surface and underground, simple metallurgy
- Infrastructure-Rich: Proximity to 10 gold mills, established mining labour market, electrical grid
- Experienced management team: Metallurgy, milling, geology, exploration, mining



Granada Gold – Underexplored Beyond Pit Resources



Located adjacent to the prolific Cadillac Break shear zone, hosted in Pontiac metasedimentary rocks and granitic sills along the Granada Shear Zone ("LONG Bars" Zone)



Native Gold Frequently Observed at Granada



Bulk sampling activity



Example of native gold discovered



Granada Gold – Significant Growth Potential



Exploration

- Excellent expansion potential beyond current gold resource and rubidium discovery
- Numerous targets identified where past drilling near intersected high-grade gold and rubidium zones -- 80% of property remains unexplored
- Targeting 2.5 to 3 million ounces gold with current 120,000-meter drill program
- Near-term 20,000m drilling target north of the resource area has
 estimated potential tonnage range of 18.5 to 25 million tonnes with a
 gold grade range of 3.8 to 5.2 grams per tonne Au, potentially adding as
 much as 400% to the current resource estimate¹

Production

 Permits in place to mine 550 t/day from the open pit ("Rolling Start") and ship to a local mill; Previous engineering work to be updated towards building a mill on site

Granada Gold – Plans/Recent Developments



Recent 30,000m drill program generated major increase in resources¹

- Gold Measured and Indicated Resources: +21% to 543,000 oz Au
- Gold Inferred Resources: +71% to 456,000 oz Au

Exploration Potential

- Excellent potential to add gold resources to the east and north of the established resource area, and at depth
- Only 2 km of the 5.5 km east-west strike length has been drilled
- Goldspot Discoveries engaged to apply machine learning technology and geoscience expertise to provide drill targets for expanding resources
- Targeting a total of 2.5 to 3 million ounces of gold for the property along with the establishment of rubidium resources with further drilling – building on the existing 150,000 meters drilled

⁽¹⁾ See July 6, 2022 news release. Resource estimate by Yann Camus P.Eng. SGS Canada, the independent qualified persons in accordance with National instrument 43-101. Mineral resources reported as base case at cut-off grade of 0.55 g/t Au for open-pit and 2.5 g/t Au for underground

Granada Gold – Plans/Recent Developments - 2



Bulk Sampling

- Two 500-tonne open-pit bulk samples from Vein 1 processed at TTL in Ontario graded higher than the 2.05 M+I resource estimate grade.
- First of these graded an average **4.33 g/t Au** and a second sample returned an average **3.95 g/t Au**. Both excluded native gold from the testing.³
- A previous 1,220 Kg grab sample from Vein No. 1 returned 55.56 g/t native gold four times the drill grade of the core using only the native gold component.
- Mill grades at Granada historically were higher than drill grades.

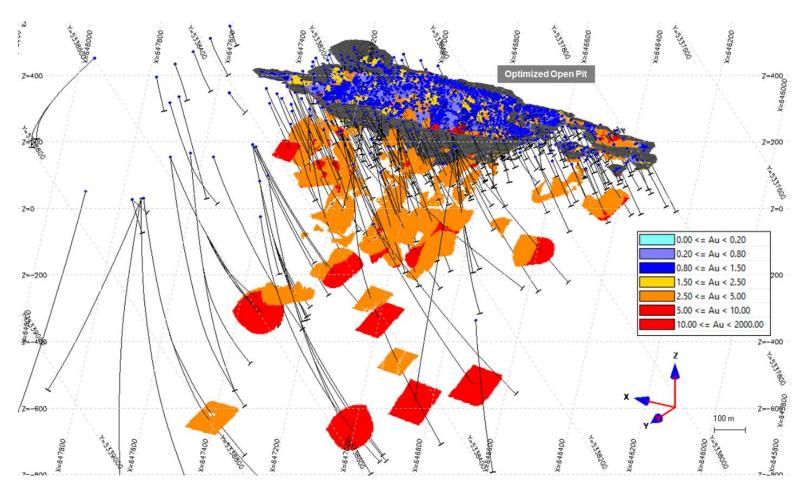
Unexpected Discovery of Alkali Metals in early 2021

- Deposit is near surface and at depth located above the underground gold veins in the northern part of the property
- Best grade, over a wide width, was for alkali-metal rubidium 340 g/t Rb over
 53m in Hole GR-20-22 from 1,053m to 1,106m²
- Rubidium carbonate is used in EV lithium-ion and sodium-ion batteries
- 99% of rubidium was extracted from a sample using a Re-20x leach test¹

Granada Gold – Gold Resources by Grade



Isometric View Looking South-Southeast with Block Model and drill holes. 0.55 g/t Au cut-off grade inside the pit and 2.5 g/t Au cut-off grade under the pit.

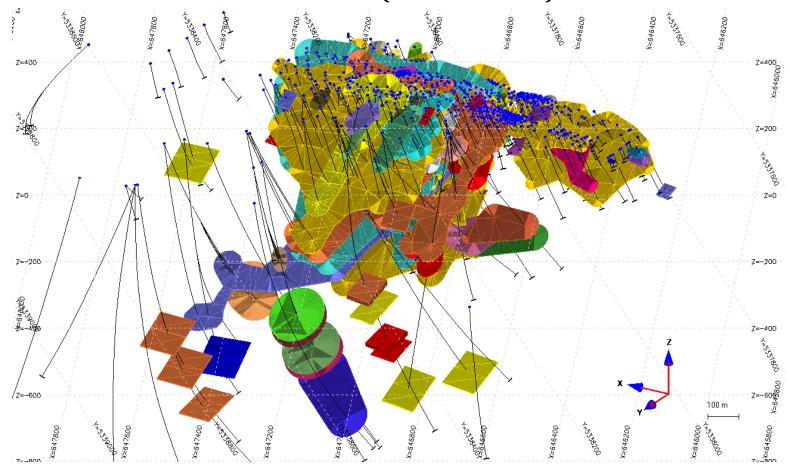


> Source: Granada Gold Mine News Release July 6, 2022. Resource estimate by SGS Canada: Yann Camus P.Eng. SGS Canada, Is the independent qualified persons in accordance with National instrument 43-101. Mineral resources reported as base case at cut-off grade of 0.55 g/t Au for open-pit and 2.5 g/t Au for underground..

Granada Gold – Gold Resources by Grade



Isometric View Looking South-Southeast Showing the Drill Holes, and the Thin, Rich Veins Model (107 wireframes)



> Source: Granada Gold Mine News Release July 6, 2022. Resource estimate by SGS Canada: Yann Camus P.Eng. SGS Canada, Is the independent qualified persons in accordance with National instrument 43-101. Mineral resources reported as base case at cut-off grade of 0.55 g/t Au for open-pit and 2.5 g/t Au for underground.

Granada Gold – Resource Estimates for Gold



<u>Updated Gold Mineral Resource - Combined Open Pit and Underground GRANADA</u>

Granada Mineral Resource - As of June 23, 2022					
CutOff	Classification	Type	Tonnes	Au (g/t)	Gold Ounces
0.55 / 2.5	Measured	InPit+UG	4,900,000	1.70	269,000
	Indicated	InPit+UG	3,320,000	2.57	274,000
	Measured + Indicated	InPit+UG	8,220,000	2.05	543,000
	Inferred	InPit+UG	3,010,000	4.71	456,000

Assumptions Used for the Preparation of the 2022 Estimates

Parameter	2022		
Parameter	Value	Unit	
Gold Price	\$1,700	US\$ per oz	
Exchange Rate	0.78 US\$: 1 CA\$		
Pit Slope	50	Degrees	
Open Pit Mining Cost	6	CA\$ per tonne mined	
Underground Mining Cost	105	CA\$ per tonne mined	
Processing, Transportation Cost and G&A	25	CA\$ per tonne milled	
Gold Recovery	93	Percent (%)	
Open Pit Mining loss / Dilution	10 / 20	Percent (%) / Percent (%)	
Underground Mining loss / Dilution	10 / 10	Percent (%) / Percent (%)	
Open Pit Cut-off Grade	0.55	g/t Au	
Underground Cut-off Grade	2.5	g/t Au	

> See July 6, 2022 news release. Resource estimate by Yann Camus P.Eng. SGS Canada, the independent qualified persons in accordance with National instrument 43-101. Mineral resources reported as base case at cut-off grade of 0.55 g/t Au for open-pit and 2.5 g/t Au for underground.

TSX-V GGM OTC PK GBBFF FRANKFURT B6D

Granada Gold – Resource Estimates for Gold – 2



Updated Mineral Resource - As of June 23, 2022

Granada <u>Pit-Constrained</u> Mineral Resources Estimate					
CutOff	Classification	Type	Tonnes	Au (g/t)	Gold Ounces
0.55	Measured ¹	InPit	4,840,000	1.68	261,000
	Indicated	InPit	2,440,000	2.09	164,000
	Measured + Indicated Inferred	InPit InPit	7,280,000 420,000	1.81 1.78	425,000 24,000
	Interred	InPit	420,000	1.70	24,000

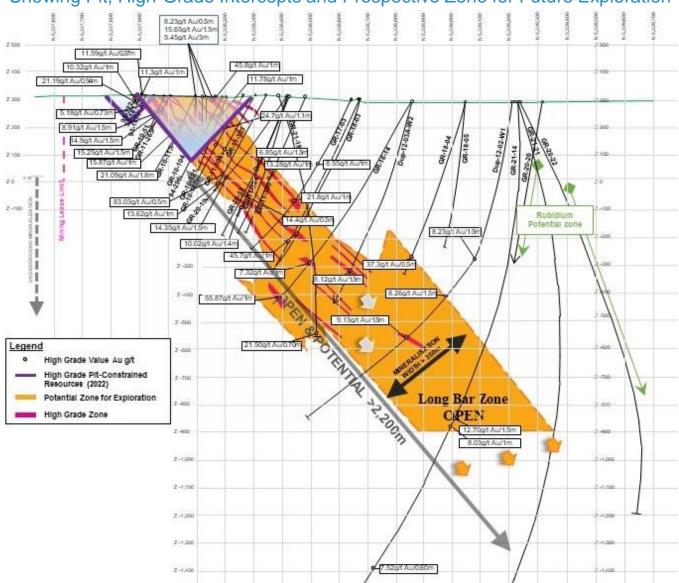
CutOff	Classification	Type	Tonnes	Au (g/t)	Gold Ounces
	Measured	UG	60,000	3.84	8,000
	Indicated	UG	870,000	3.93	110,000
2.5	Measured + Indicated	UG	940,000	3.92	118,000
	Inferred	UG	2,590,000	5.19	431,000

See July 6, 2022 news release. Resource estimate by Yann Camus P.Eng. SGS Canada, the independent qualified persons in accordance with National instrument 43-101. Mineral resources reported as base case at cut-off grade of 0.55 g/t Au for open-pit and 2.5 g/t Au for underground TSX-V GGM OTC PK GBBFF FRANKFURT B6D

Granada Gold High-Grade Intersections



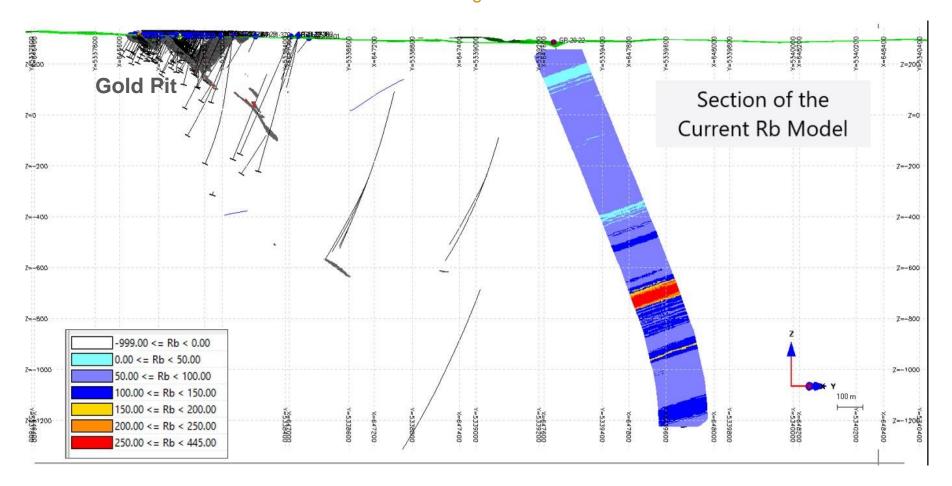
Showing Pit, High-Grade Intercepts and Prospective Zone for Future Exploration



Granada Gold Rubidium Zone



Showing Cross-Section of Rubidium Intercepts by Grade Looking West



Granada Gold – Gold Deposit Characteristics



- Gold mineralization in east-west trending veins and stringers, outcropping at surface
- Free gold at vein margins or within fractures of coarse veins and sulphides
- Current In-Pit Resource based on 873 drill holes totaling 116,863 meters
- ▶ Pit is in 2-km LONG Bars zone which is part of potential 5.5-km structure along the Granada shear zone
- Historical Bulk Samples taken from surface pits:
 - 1993-1994: 87,311 tonnes @ 5.17 g/t gold (14,500 oz)
 - 1996: 22,095 tonnes @ 3.46 g/t gold (2,500 oz)
 - 2007: 32,000 tonnes @ 1.62 g/t (7,300 oz)
- Metallurgy
 - 94.9% recovery of gold by Gravity Separation with Cyanide Extraction
 - Flotation, neutralization, preconcentration tests encouraging: 94.7% gravity+cyanide+flotation

Granada Gold – Pre-Concentration Testing



Results

- ► Test work by Gekko in Australia in 2021 on low-grade mineralized waste material from the Granada deposit showed the following positive results:
 - Three gravity concentration processes used in the tests produced an average pre-concentration grade of 1.16 g/t Au, or 251% higher than the 0.33 g/t Au assayed grade of the test sample with a 47% gold recovery
 - Sample's calculated head grade of 0.45 g/t Au was 36.4% higher than the 0.33 g/t Au assayed grade

Positive for Granada Potential

- Pre-concentration would improve the economics of the project through the upgrading of lower-grade material that would not otherwise be milled or included in resource estimates
- ▶ Higher calculated head grade highlights that assayed grade results often do not capture the native gold component which is up to 50% native in the deposit which confirms historical mining operational data and, if applied to current resource estimates, indicates the potential for a significantly higher amount of gold ounces in the deposit.

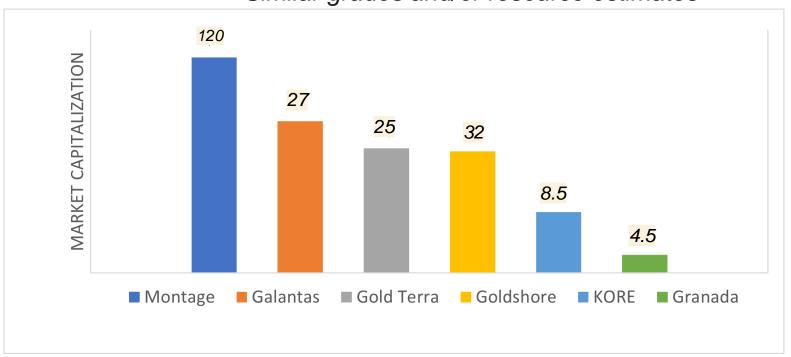
⁽¹⁾ See news release June 28, 2021. Results not included in current mineral resource estimate

Granada Gold: Undervalued vs. Comparables



Market Cap Comparisons for Junior Gold Exploration Companies

Similar grades and/or resource estimates



- Montage Gold (MAU) (lower grades, higher resource) Market Cap @\$0.65: \$120 million
- ▶ Galantas Gold (GAL) (higher grades, lower resource estimate) Market Cap @ \$0.25: \$27 million
- ▶ Gold Terra Resources (YGT) (similar grades and resource estimate) Market Cap @ \$0.10: \$25 million
- ▶ Goldshore Resources (GSHR) (similar grades, no resource estimate yet) Market Cap @\$0.19: \$32 million
- ► Kore Mining (KOR) (lower grades, higher resource estimate) Market Cap @ \$0.04: \$8.5 million
- Note: Market Cap comparisons as of June 13, 2023 are provided to encourage discussion of GGM's market valuation in relation to other junior gold explorers with similar grades and/or resources

Share Structure



Recent Share Price	\$0.03
Market Cap	\$4,470,000
Shares Issued and Outstanding ⁽¹⁾	158,830,825
Warrants Outstanding (\$0.075 - \$0.28)	50,947,666
Options Outstanding (\$0.05 - \$0.14)	2,650,000
Fully Diluted	212,427,311

52 WEEK LOW AND HIGH \$0.01 - \$0.05

GGM Shareholders to Benefit from Dividends

3% net smelter royalty (NSR) to be paid as gold or cash dividend to shareholders after Granada production begins⁽²⁾

1% NSR Granada holds on properties owned by Canada Cobalt Works to be paid out as cash dividends to GGM shareholders⁽³⁾

(1) As of Dec. 31, 2023. (2) See company news release issued April 11, 2012. (3) See company news release issued August 10, 2015.

Contact Information



Frank J. Basa, P.Eng.

President, CEO and Chairman

Phone: 819-797-4144

Email: fbasa@granadagoldmine.com

Head Office (Administration)

Granada Gold Mine Inc. 2875 Ave Granada Rouyn-Noranda, Quebec J9Y 1J1

Phone: 819-797-4144 Fax: 819-762-2306

www.GranadaGoldMine.com

Granada Management



Frank J. Basa, P.Eng., President, CEO & Chairman

• 30 years of experience globally in mine development and hydro-metallurgical engineering with expertise in milling, gravity concentration, flotation, leaching and refining of precious and base metals.

Claude Duplessis, Eng, Project Geological Engineer, GoldMinds Geoservices Inc.

 25 years of global experience in mine planning and geological exploration and engineering, including with SGS Canada Inc.

Tina Whyte, Corporate Secretary

• Over 20 years experience in corporate affairs including corporate governance, continuous disclosure, financing transactions and regulator filings and compliance.

Remantra Sheopaul, Chief Financial Officer

• Mr. Sheopaul presently works with Marrelli Support Services which provides CFO, accounting, regulatory, compliance and management advisory services to numerous issuers on the TSX, TSX Venture Exchange and other Canadian and U.S. exchanges.

Granada Board of Directors



Frank J. Basa, P.Eng., President, CEO & Chairman

• 30 years of experience globally in mine development and hydro-metallurgical engineering with expertise in milling, gravity concentration, flotation, leaching and refining of precious and base metals.

Dianne Tookenay, M.P.A, B.Admin, Director

Worked extensively with First Nations and Aboriginal communities spanning 35 years and has a
Bachelor of Administration from Lakehead University, a Joint Masters of Public Administration from the
University of Manitoba and a Certificate in Mining Law from Osgoode Hall Law School, York University.

Matthew Halliday, P. Geo., Director

15 years of experience in geological exploration and development. Mr. Halliday graduated from
Dalhousie University in 2007 where he majored in Earth Sciences then spent the next 13 years in
exploration and as a resource geologist with SGS Geostat, First Cobalt and Kirkland Lake Gold. He is
currently a Director, President, Chief Operating Officer and VP Exploration of Canada Silver Cobalt Works
Inc.

Granada Gold – History



- 1930s production: 51,476 oz Au from 181,744 tons at 9.7 g/t Au and 1.5 g/t Ag
- GGM acquired Granada property in 2006 and accumulated adjacent property
- Conducted 140,000 tonnes bulk sample
- Conducted exploration drilling (>90,000m) mostly near mine shafts
- 2012 Resource Estimate and PEA¹
- 2014 Rolling Start PFS²
- 2016 Received permits for 550 t/d open-pit mining
- 2019 Pit-Constrained Resource in NI 43-101 Report
- ▶ 2021 Revised/restructured resource estimate showing high-grade open-pit and underground resources⁴
- ▶ 2021 Announced one of best high-grade intercepts at depth³ 107.8 g/t Au over 4m from 617.4 m to 621.4 m in drill hole GR-20-21⁵
- 2022 Announced a major increase in gold resources⁶

⁽¹⁾ Company news releases Nov. 15 and December 21, 2012 and Jan. 3 and Feb.4, 2013. (2) Company news releases May 6 and June 19, 2014. (3) Company news release Jan. 18, 2017. (4) Company news release Jan. 29, 2021. (5) Company news release Feb. 19. 2021. (6) Company news release July 6, 2022.

Granada Gold: High-Grade Intersections



2019 drilling:

- 6 holes focused on testing the continuity between the mineralized intersections of previous drill holes on the extended LONG Bars Zone
- Coarse, native gold observed in drill core
- Drilling discovered unexpected near-surface, high-grade mineralization
- Results support continuity of high-grade structures near surface, including:¹

11.45 g/t Au over 33 m in hole GR-19-A

Including 42.5 g/t Au over 1.5 m, 480 g/t over 0.4 m and 70.8 g/t over 0.5 m

7.67 g/t Au over **15 m** in hole GR-19-C

11.53 g/t Au over 2.9 m and 2.61 g/t Au over 24.7 m in hole GR-19-SA

12.32 g/t Au over **2 m** in hole GR-19-E

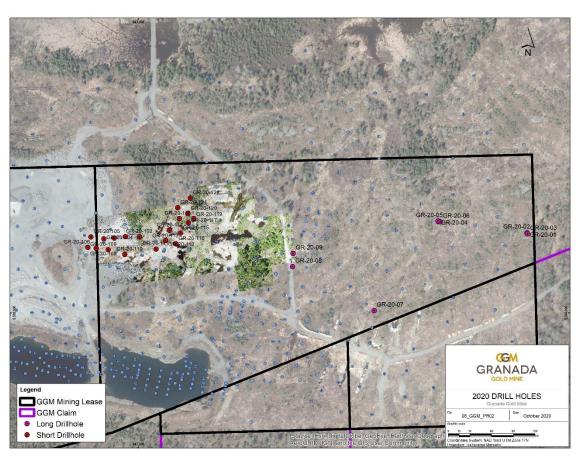
Including 48.8 g/t Au over 0.5 m

"Recent drill results are in line with historic production grades of 8 to 10 g/t gold when Granada was mined in the 1930s....The current drill program has unlocked the high-grade, near-surface potential and shows that the Granada gold deposit resource may have been underestimated." Frank Basa, President and CEO

⁽¹⁾ See news releases Oct. 15, Nov. 6, 2019, and Jan. 9, March 2, 2020. Results not included in current in-pit resource estimate.

Granada Gold – 2020 Near-Surface Drill Results



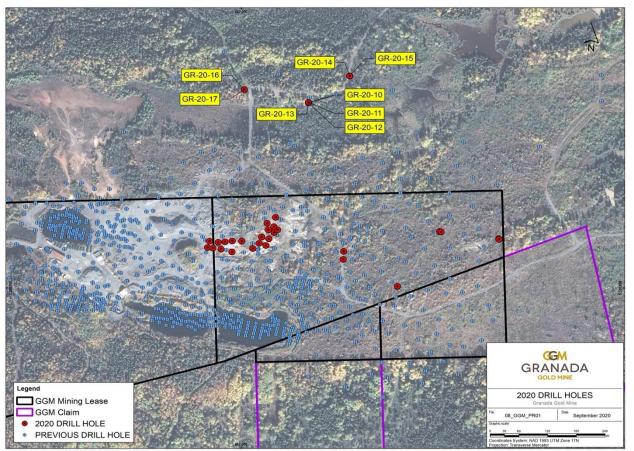


- Drill results from the 100-series near-surface drill program targeting Vein 1
- Holes drilled to intersect veins uncovered by stripping and to follow high-grade corridor
- 3.66 g/t gold over 26.5m in hole GR-20-110 including 13.49 g/t over 4m and 29.8 g/t over 1.5m
- 7.72 g/t gold over 4.5m in hole GR-20-112
- 7.29 g/t gold over 5.02m in hole GR-20-117

"The short-hole drill program, with its 3 objectives, has succeeded in defining further extension of the high-grade zones eastward near surface....The more we drill, the more we find gold....We are pleased to have intersected high-grade structures in GR-20-117 where it has intersected the continuity of the very high-grade bulk zone at Granada – evidenced by the presence of visible gold..." Frank Basa, President and CEO

Granada Gold – 2020 Under-the-Pit Drill Results



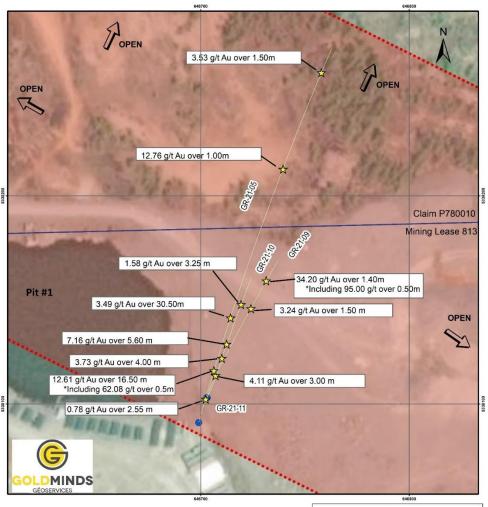


- Drill hole data under the pit demonstrate Granada's underground potential
- 107.8 g/t gold over 4.00m in GR-20-21 from 617.40 to 621.40m
- 5.64 g/t gold over 6.86m in GR-20-10 from 364.64 to 371.50m including 20.40 g/t over 1.5m
- 4.26 g/t over 4.50m in hole GR-20-13 from 290.50 to 295.00m including 11.90 g/t over 1.5m

"The drill hole data under the pit-constrained resource could potentially change the economics of developing the Granada Mine Property. Previously explored as a low-grade, open pit deposit, the company now envisions an open pit with a ramp from the bottom of the pit into the higher-grade mineralization below, significantly adding more ounces to the current resource." Frank Basa, President and CEO

Granada Gold – 2021 East of Pit #1 Drill Results





- Assay results of 200-Series drilling proved the continuity along the main vein structure east of Pit #1 and confirmed the extent to depth of high-grade gold mineralization.
- This supports our view that the high-grade gold grades and occurrences are continuous and have substantial thickness to the zone.
- GR-21-09 and GR-21-10 intersected:
 - 7.16 g/t Au over 5.6m and
 - 34.20 g/t Au over 1.4m including
 - 95.00 g/t Au over 0.5m

Assays

Collar

Main Zone

GGM Claims

GGM Claims

Granada Gold Mine

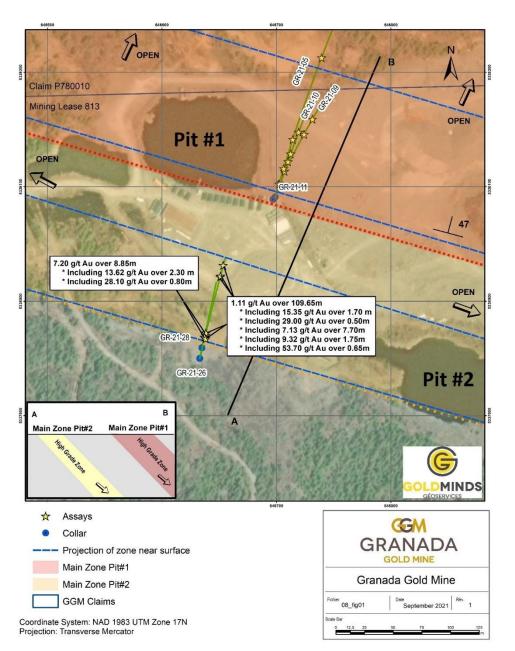
Ficher 08_fig01

Date September 2021 Rev. 1

(1) See news release Sept. 7, 2021. Results not included in current mineral resource estimate.

Granada Gold – 2021 West of Pit #2 Drill Results





- 200-Series drill results verify the continuity of high-grade gold mineralization along the main Vein #2 over broader intervals downdip of the main zone below the surface – up to 250m to the west of Pit #2
- It clearly shows the previous operators did not extract all the gold near the surface.
- GR-21-26 and GR-21-28 intersected:
 - 1.11 g/t Au over 109.6m
 - 7.20 g/t Au over 8.85m
 - with grades of:
 - 53.70 g/t Au over 8.85 m and
 - 29.00 g/t Au over 0.50m
 - (1) See news release Oct. 4, 2021. Results not included in current mineral resource estimate.

Granada Gold: 2018 High-Grade Intersections



2018 drilling:

- Tested magnetic anomalies in 2 areas and discovered new gold zones
- Discovered significant high-grade gold intersections at depth along strike in downdip mineralization continuity below pit-constrained resources
 - 8.39 g/t Au over 6 metres in hole GR-18-03 (below pit) Including 12.41 g/t Au over 4.0 metres
 Including 45.7 g/t Au over 1.0 metre
- Confirmed new high-grade gold-bearing area outside the known resource envelope at Genesis target located 500 metres northwest of the pit
 - **5.45 g/g Au** over **4 metres** in hole GR-18-04 (Genesis discovery) Including **13.7 g/t Au** over **1.5** metres

⁽¹⁾ See company news releases Oct. 9, Nov. 8, 2018 and Jan. 9, 2019. Results not included in current in-pit resource estimate.

Granada Gold – 2018 Trenching at Aukeko



- Former Aukeko mine site on Granada property is highly prospective for exploration
- ► 1938 bulk sample tested 240 g/t Au⁽¹⁾
- Exploration objective at Aukeko
 - Expand exploration of extended LONG Bars zone on strike going east to test the remainder of the unexplored mineralized structures
 - Begin with trenching to map vein structure and identify targets for future drilling

Trenching results

- Visible gold and 8.49 g/t Au over 0.5m, 20m NNW from Aukeko shaft
- Located historical shaft and adit
- Completed 140 km of drone-based MAG survey at spacing of 50m and locally 25m
- Trenching program extended to identify extension of mineralized structures and any new structures with gold mineralization

⁽¹⁾ See Granada Gold news releases published April 18, June 4, July 10 and August 23, 2018 for details. 1938 bulk sample test result is from public files with MERN (Ministere d'Eneergie et Ressources Naturelles GM52851.