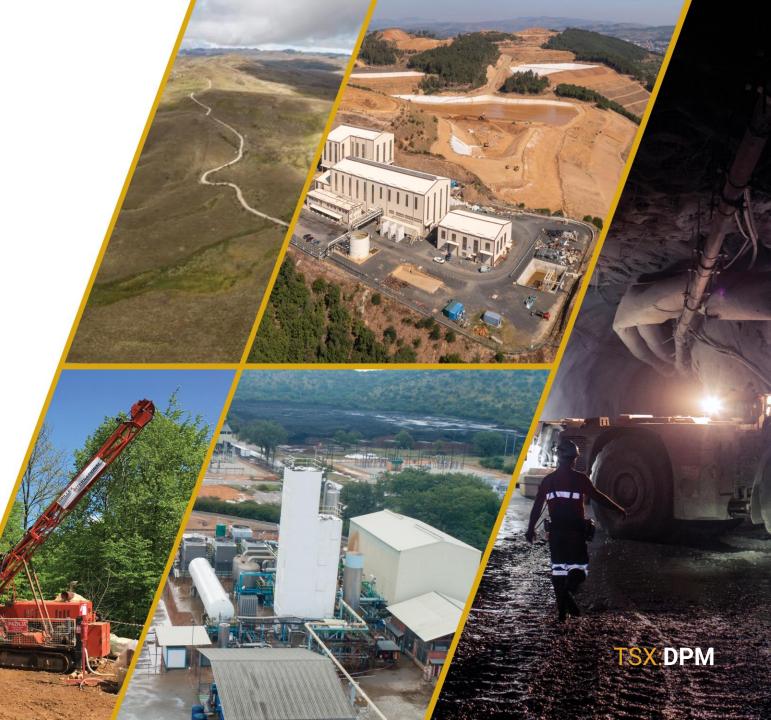


Unlocking Resources and Generating Value

TO THRIVE AND GROW TOGETHER

Fourth Quarter and Year-End 2022 Financial & Operating Results

February 17, 2023



Forwarding Looking Statements



Certain statements and other information included in this presentation and our other disclosure documents constitute "forward looking statements" or "forward looking information" (collectively, "Forward Looking Statements").

Forward Looking Statements are statements that are not historical facts and are generally, but not always, identified by the use of forward looking terminology such as "plans", "expected", "budget", "scheduled", "estimates", "forecasts", "quidance", "outlook", "targets" "intends", "anticipates", "believes", or variations of such words and phrases or that state that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved, or the negative of any of these terms or similar expressions. The Forward Looking Statements in this presentation relate to, among other things: expected cash flows; the price of gold, copper, silver and sulphuric acid; toll rates, metals exposure and stockpile interest deductions at Tsumeb; the estimation of Mineral Reserves and Mineral Resources and the realization of such mineral estimates; estimated capital costs, all-in sustaining costs, operating costs and other financial metrics, including those set out in the outlook and guidance provided by the Company: currency fluctuations: the impact of any impairment charges; the processing of Chelopech concentrate; timing of further optimization work at Tsumeb; DPM's strategy, plans, targets and goals in respect of environmental, social and governance issues, including climate change, greenhouse gas emissions reduction targets, tailings management facilities and human rights initiatives; results of economic studies, including the Loma Larga feasibility study ("FS"); expected milestones; timing and success of exploration activities, including at the Čoka Rakita target; the timing of the completion and results of an updated FS for the Loma Larga gold project; development of the Loma Larga gold project, including expected production, successful negotiations of an investment protection agreement and exploitation agreement and construction permits in a timely manner; success of permitting activities; permitting timelines; success of investments, including potential acquisitions; benefits of digital initiatives; the timing and number of common shares of the Company that may be purchased pursuant to the normal course issuer bid ("NCIB"); timing and expected benefit of the recently announced acquisition by B2Gold of Sabina; and timing and possible outcome of pending litigation or legal proceedings, if any,

Forward Looking Statements are based on certain key assumptions and the opinions and the opinions and the opinions and the opinions and they involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company to be materially different from any other future results, performance or achievements expressed or implied by the Forward Looking Statements. In addition to factors already discussed in this presentation, such factors include, among others: fluctuations in metal and sulphuric acid prices, toll rates and foreign exchange rates; risks arising from the current inflationary environment and the impact on operating costs and other financial metrics, including risks of recession and the risk that the power subsidy in Bulgaria may be discontinued; continuation or escalation of the conflict in Ukraine, including the continued exemption from the Council of Europe's sanctions in favour of Bulgaria with respect to the import of Russian oil and economic sanctions against Russia and Russian persons which may impact supply chains: risks relating to the Company's business generally and the impact of global pandemics, including COVID-19, resulting in changes to the Company's supply chain, product shortages, delivery and shipping issues, closure and/or failure of plant, equipment or processes to operate as anticipated, employees and contractors becoming infected, low vaccination rates, lost work hours and labour force shortages; regulatory changes impacting the complex concentrate market; regulatory changes, including changes impacting the complex concentrate market: inability of Tsumeb to secure complex concentrate on terms that are economic; possible variations in ore grade and recovery rates; inherent uncertainties in respect of conclusions of economic evaluations and economic studies, including the Loma Larga FS; uncertainties with respect to timing of the updated Loma Larga FS; changes in project parameters, including schedule and budget, as plans continue to be refined; uncertainties with respect to realizing the anticipated benefits from the development of the Loma Larga gold project; uncertainties with respect to actual results of current exploration activities; uncertainties and risks inherent to developing and commissioning new mines into production, which may be subject to unforeseen delays; uncertainties inherent with conducting business in foreign jurisdictions where corruption, civil unrest, political instability and uncertainties with the rule of law may impact the Company's activities; limitations on insurance coverage; accidents, labour disputes and other risks of the mining industry; delays in obtaining governmental approvals or financing or in the completion of development or construction activities; actual results of current and planned reclamation activities; opposition by social and non-governmental organizations to mining projects and smelting operations; unanticipated title disputes; claims or litigation; failure to achieve certain cost savings or the potential benefits of any upgrades and/or expansion, including the potential rotary holding furnace installation at the Tsumeb smelter; increased costs and physical risks, including extreme weather events and resource shortages, related to climate change; uncertainties inherent to the ability of the Company to meet sustainability, environmental and greenhouse gas emission reduction targets, goals and strategies, which may be affected by unforeseeable events outside of its control or business necessities that are not vet known; cyber-attacks and other cybersecurity risks; there being no assurance that the Company will purchase additional common shares of the Company under the NCIB; risks related to the timing, completion and expected benefit of the acquisition by B2Gold of Sabina; risks related to the implementation, cost and realization of benefits from digital initiatives; uncertainties with respect to realizing the targeted MineRP Holdings Inc. earn-outs as well as those risk factors discussed or referred to in the Company's annual MD&A and AIF for the year ended December 31, 2022, and other documents filed from time to time with the securities regulatory authorities in all provinces and territories of Canada and available on SEDAR at www.sedar.com.

The reader has been cautioned that the foregoing list is not exhaustive of all factors and assumptions which may have been used. Although the Company has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in Forward Looking Statements, there may be other factors that cause actions, events or results not to be anticipated, estimated or intended. There can be no assurance that Forward Looking Statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. The Company's Forward Looking Statements reflect current expectations regarding future events and speak only as of the date hereof. Other than as it may be required by law, the Company undertakes no obligation to update Forward Looking Statements if circumstances or management's estimates or opinions should change. Accordingly, readers are cautioned not to place undue reliance on Forward Looking Statements.

TECHNICAL INFORMATION

The technical and scientific information in this presentation, with respect to the Company's material mineral projects, has been prepared in accordance with Canadian regulatory requirements set out in National Instrument 43-101 Standards of Disclosure for Mineral Projects ("NI 43-101") of the Canadian Securities Administrators and the Canadian Institute of Mining, Metallurgy and Petroleum Definition Standards for Mineral Resources and Mineral Reserves, and has been reviewed and approved by Ross Overall, B.Sc. (Applied Geology), Corporate Mineral Resource Manager of DPM, who is a Qualified Person as defined under NI 43-101, and who is not independent of the Company.

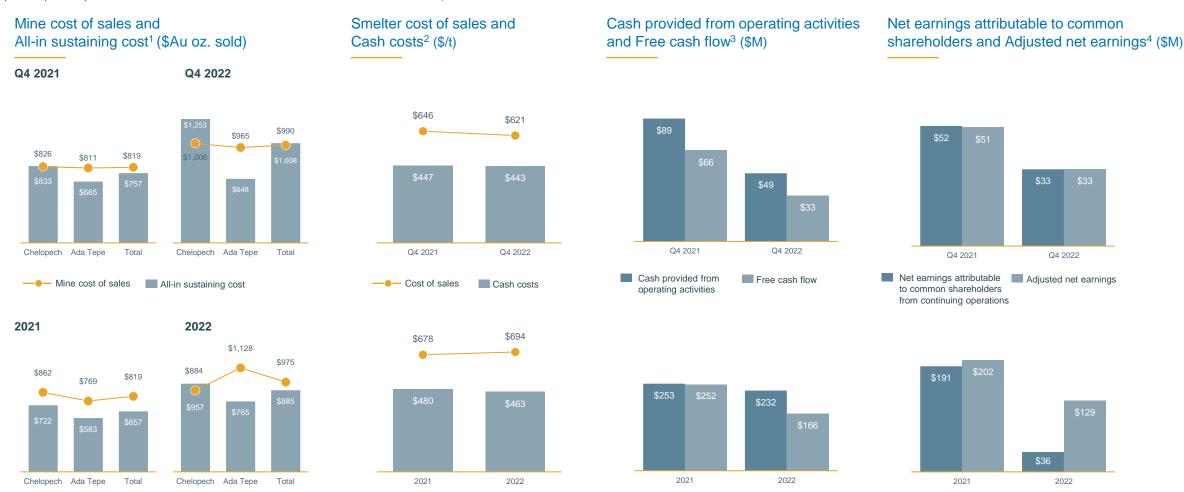
This presentation is accurate as of the date specified on the title page but may be superseded by subsequent disclosures, including news releases and quarterly reports



Use of Non-GAAP Measures



Certain financial measures referred to in this presentation are not measures recognized under IFRS and are referred to as Non-GAAP financial measures or ratios. These measures have no standardized meanings under IFRS and may not be comparable to similar measures presented by other companies. The definitions established and calculations performed by the company are based on management's reasonable judgment and are consistently applied. These measures are intended to provide additional information and should not be considered in isolation or as a substitute for measures prepared in accordance with IFRS. This slide presents the most directly comparable measures under IFRS to those Non-GAAP financial measures used in this presentation. For a detailed reconciliation of Non-GAAP financial measures or ratios, please refer to the "Non-GAAP Financial Measures" section on pages 43 to 49 of the Management's Discussion and Analysis ("MD&A") for the period ended December 31, 2022, available on our website at www.dundeeprecious.com and on SEDAR at www.sedar.com.



- 1. Mine cost of sales per ounce of gold sold is a supplementary financial measure and all-in sustaining cost per ounce of gold sold is a non-GAAP ratio. Refer to footnote #1 on slide 20.
- 2. Smelter cost of sales per tonne of complex concentrate smelted is a supplementary financial measure and cash cost per tonne of complex concentrate smelted is a non-GAAP ratio. Refer to footnote #2 on slide 20.
- 3. Free cash flow is a non-GAAP financial measure. Refer to footnote #3 on slide 20.
- 4. Adjusted net earnings is a non-GAAP financial measure. Refer to footnote #4 on slide 20.



2022 Performance

Highlights



David Rae
President & CEO

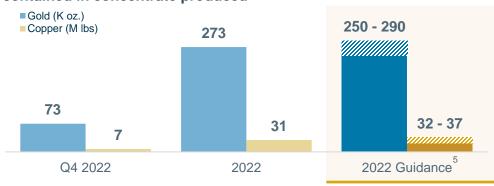
Q4 & FY 2022 Results Highlights



Solid gold production and cost performance driving significant free cash flow generation

Metals Production

Metals contained in concentrate produced



All-in Sustaining Cost¹

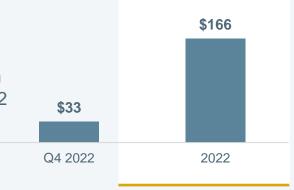
(\$ per gold ounce sold)(1)



Free Cash Flow³

(\$ millions)

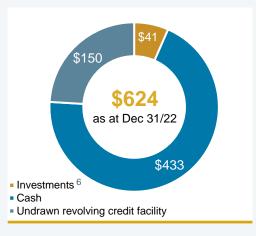
- Generated \$166M of free cash flow in 2022
- Returned 27% of free cash flow to shareholders in 2022



Financial Strength

Total liquidity (\$ millions)

- \$433M of cash
- \$150M undrawn credit facility
- No debt



- 1. Refer to footnote #1 on slide 20.
- 3. Refer to footnote #3 on slide 20.
- 5. Refer to footnote #5 on slide 20.
- 6. Refer to footnote #6 on slide 20.

Delivering Value-Generating Catalysts

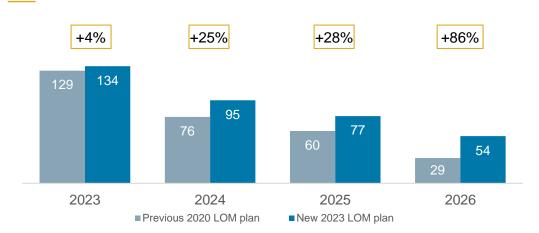


Recent newsflow highlights positive developments in DPM's portfolio

Ada Tepe life of mine plan with additional production

- 22% increase to LOM recovered gold ounces
- High margin ounces: 13% increase in gold grade and 1% increase in recovery
- Expected to improve three-year gold production outlook

Recovered Gold Ounces⁷



New high-grade discovery in Serbia

- Exceptional new drill results from Čoka Rakita
- Large defined footprint & deposit **remains open** in multiple directions
- Located 3 km SE of DPM's Timok gold project



Chelopech, Bulgaria

Dundee PRECIOUS METALS

Continued track record of strong performance

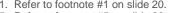
2022 Highlights

Achieved gold production guidance

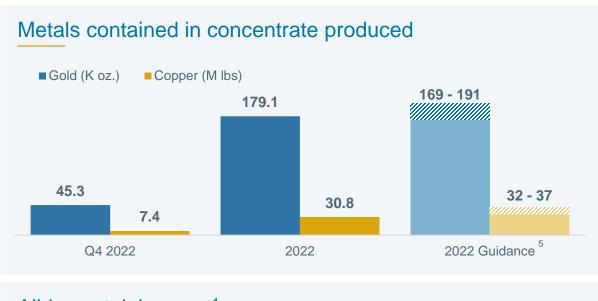
Brownfields & in-mine exploration

- Focused on extending mine-life through in-mine and brownfields exploration
- Testing mineralization potential of Sharlo Dere and other targets located within mine concession
- Intensive drilling program to support Commercial Discovery application for Sveta Petka nearly complete





^{5.} Refer to footnote #5 on slide 20.





Ada Tepe, Bulgaria

81 - 99

Well-positioned for strong performance in 2023

2022 Highlights

- Achieved gold production guidance
- Highest quarterly gold production in Q4
 - Grades increased as expected, following completion of pushback in Q3/22
 - Well-positioned for higher grades in 2023







93.9

Metals contained in concentrate produced

K oz. Au

28.1



Tsumeb, Namibia

Focus on operating consistency and cost optimziation

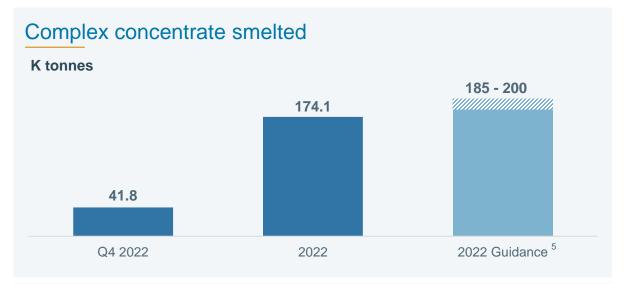
2022 Highlights

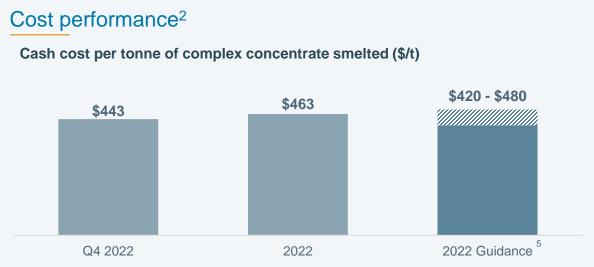
- Complex concentrate smelted slightly below revised guidance range
- Maintenance strategy expected to resolve water leak issues encountered in 2022
- Forecasting consistent throughput over next three years









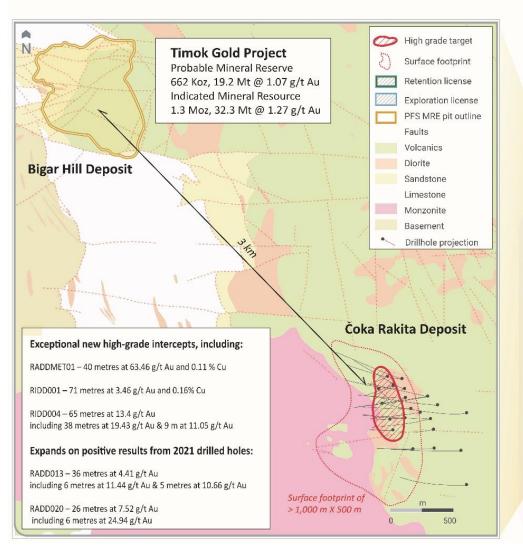




High-Grade Discovery at Čoka Rakita in Serbia



Large defined footprint; remains open in multiple directions





Results Highlights

Exceptional high-grade intercepts including:

- RADDMET01 40 metres at 63.46 g/t Au and 0.11% Cu
- RIDD001 71 metres at 3.46 g/t Au and 0.16% Cu
- RIDD004 65 metres at 13.4 g/t Au including 38 metres at 19.43 g/t Au & 9 metres at 11.05 g/ Au

2023 ACTIVITIES

- ~40,000 m of infill, extensional and target delineation drilling
 - Expect to release results in Q2 2023
- Focus on further evaluating deposit geometry, grade continuity and mineral resource potential

Loma Larga Update



High-quality project with potential to generate strong economic returns following optimization work

Permitting

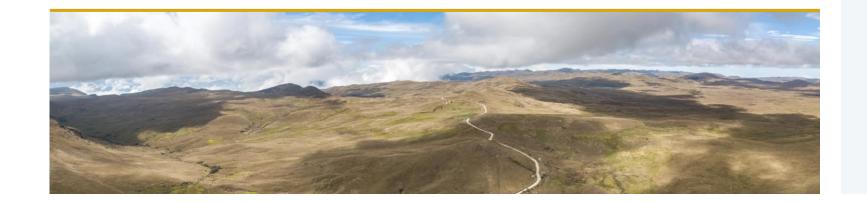
- Advancing investor protection agreement
 - Targeting completion by end of Q1 2023
- Awaiting clarity on consultation process to proceed with next steps for environmental permitting

Updated Feasibility Study

- Extension of optimization phase
 - Now expected to be complete in the second half of 2023
- Evaluating several additional opportunities to leverage DPM's operating experience
- Potential to incorporate results of drilling program

Capital & Operating Cost Estimates

- Prior to acquisition, DPM had determined initial cost estimate by previous owner was low
 - Work to update FS incorporated certain scope changes
 - Improving project execution
 - Meeting DPM operating standards
- Seeing inflationary pressures consistent with general industry trends



Well-Positioned to Continue Delivering Value



DPM's strong fundamentals represent an attractive value opportunity

Strong Production & AISC Profile

- 270,000 Au oz. average annual production⁵
- Among the **lowest cost** gold producers

Robust Free Cash Flow and Financial Strength

- Generated \$166M of free cash flow³ in 2022
- **\$433M o**f cash
- No debt

Returning capital

- Quarterly dividend has doubled since initiated in Q1 2020
- Continued capital returns with dividends & buybacks totaling \$44M in 2022 (27% of FCF)



Building Our Pipeline

- Advancing permitting for Loma Larga
- New high-grade discovery at Čoka Rakita in Serbia
- **Aggressively investing** in brownfields exploration

Unique Capabilities

- Adding value through innovation
- Securing social licence
- **Industry-leading** ESG solutions

Attractive Valuation

- Strong 15% free cash flow yield8
- Attractive entry point: 0.7x P/NAV⁹
- **Solid dividend:** 2.7% dividend yield¹⁰

^{3.} Refer to footnote #3 on slide 20.

^{5.} Refer to footnote #5 on slide 20.

^{8.} Refer to footnote #8 on slide 20. 9. Refer to footnote #9 on slide 20.

^{10.} Refer to footnote #10 on slide 20.



2022

Financial Results



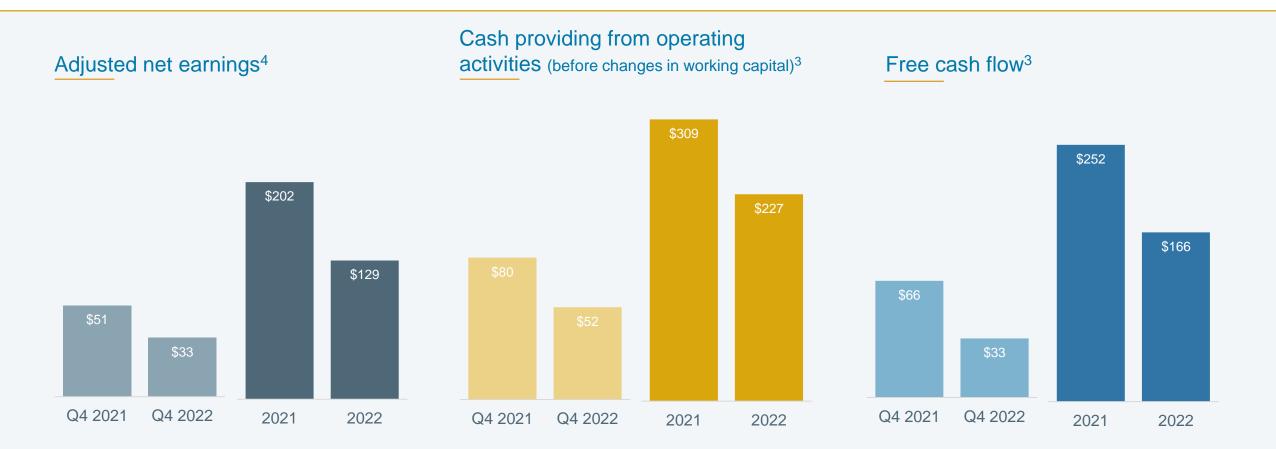
Navin Dyal EVP & CFO

Financial Results Highlights



Continued strong production and cost management driving free cash flow generation

Generated strong financial results, despite inflationary cost pressures and expected lower volumes of metals sold



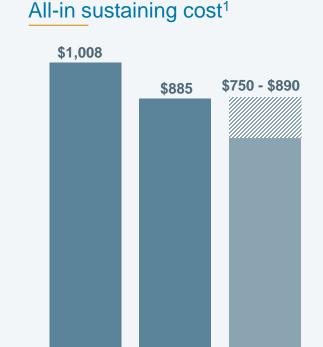
^{3.} Refer to footnote #3 on slide 20.

^{4.} Refer to footnote #4 on slide 20.

Key Cost Metrics and Capital Expenditures



Achieved all-in sustaining cost guidance, despite industry inflationary pressures



2022

2022

Guidance⁵





Capital expenditures



Q4 2022

^{1.} Refer to footnote #1 on slide 20.

^{2.} Refer to footnote #2 on slide 20.

^{5.} Refer to footnote #5 on slide 20.

Three-Year Outlook



Strong production profile, attractive all-in sustaining cost & significant free cash flow generation

Gold production increased in 2023 and 2024, compared with previous outlook

US millions, unless otherwise indicated	2022 RESULTS	2023 GUIDANCE	2024 OUTLOOK	2025 OUTLOOK
Gold contained in concentrate produced ('000s oz) 1, 2				
Chelopech	179	150 – 170	160 – 180	160 – 185
Ada Tepe	94	120 – 145	85 – 105	70 – 85
Total	273	270 – 315	245 – 285	230 – 270
Copper contained in concentrate produced (MIbs) ¹				
Chelopech	31	30 – 35	29 – 34	29 – 34
All-in sustaining cost (\$/oz. Au) ³	885	700 – 860	720 – 880	720 – 880
Complex concentrate smelted ('000 t)	174	200 – 230	200 – 230	200 – 230
Cash cost per tonne of complex concentrate smelted (\$/t)3	463	340 – 410	310 – 360	300 – 350
Sustaining capital expenditures (\$M) ³				
Chelopech	23	20 – 24	14 – 18	12 – 15
Ada Tepe	10	10 – 13	10 – 12	8 – 10
Tsumeb	19	14 – 17	10 – 13	14 – 17
Corporate ⁴	6	2-3	2 – 3	2 – 3
Consolidated	58	46 – 57	36 – 46	36 – 45

Metals contained in concentrate produced are prior to deductions associated with smelter terms.

Gold produced includes gold in pyrite produced of 45,000 to 51,000 ounces for 2023, and 48,000 to 54,000 ounces in each of 2024 and 2025.

Based on, where applicable, a Euro/US\$ exchange rate of 1.10, a US\$/ZAR exchange rate of 1.10, a US\$/ZAR exchange rate of 1.00, and a copper price of \$4.00 per pound for all years, as well was a sulphuric acid price of \$95 per tonne in 2023, \$94 per tonne in 2024 and \$86 per tonne in 2025.

While corporate sustaining capital expenditures are primarily related to digital initiatives for all years, 2022 results also included capitalized lease and leasehold improvements related to the new head office lease.



Detailed 2023 Guidance



US millions, unless otherwise indicated	Chelopech	Ada Tepe	Tsumeb	Corporate and Other	Consolidated
Ore processed ('000s tonnes)	2,090 – 2,200	730 – 810	-	-	2,820 – 3,010
Cash cost per tonne of ore processed ¹	53 – 58	73 – 79	-	-	-
Metals contained in concentrate produced ^{2,3}				-	
Gold ('000s ounces)	150 – 170	120 – 145	-	-	270 – 315
Copper (million pounds)	30 – 35	-	-	-	30 – 35
Payable metals in concentrate sold ³					
Gold ('000s ounces)	130 – 150	115 – 140	-	-	245 – 290
Copper (million pounds)	26 – 31	-	-	-	26 – 31
All-in sustaining cost per ounce of gold ^{1,4}	700 – 880	530 – 630	-	-	700 – 860
Complex concentrate smelted ('000s tonnes)	-	-	200 – 230	-	200 – 230
Cash cost per tonne of complex concentrate smelted ¹	-	-	340 – 410	-	340 – 410
General and administrative expenses ⁵	-	-	-	25 – 28	25 – 28
Exploration expenses ¹	-	-	-	-	25 – 30
Sustaining capital expenditures ¹	20 – 24	10 – 13	14 – 17	2-3	46 – 57
Growth and other capital expenditures ^{1,6}	2-3	0 – 1	2 – 3	18 – 24	22 – 31

¹⁾ Based on a Euro/US\$ exchange rate of 1.10, a US\$/ZAR exchange rate of 17.00, a copper price of \$4.00 per pound and a sulphuric acid price of \$95 per tonne, where applicable.

²⁾ Metals contained in concentrate produced are prior to deductions associated with smelter terms.

³⁾ Gold produced includes gold in pyrite concentrate produced of 45,000 to 51,000 ounces and payable gold sold includes payable gold in pyrite concentrate sold of 30,000 to 37,000 ounces.

⁴⁾ Allocated general and administrative expenses are reflected in consolidated all-in sustaining cost per ounce of gold sold; however are not reflected in the all-in sustaining cost per ounce of gold sold for Chelopech and Ada Tepe, which is a change from the presentation in the Company's historical MD&A given that the nature of such expenses is more reflective of the Company's consolidated all-in sustaining cost and

not pertaining to the individual operations of the Company.

⁵⁾ Excludes share-based compensation expenses of approximately \$3 million, before mark-to-market adjustments from movements in the Company's share price, given the volatile nature of this expense. This is a change from the historical approach to the Company's detailed guidance on corporate general and administrative expenses.

⁶⁾ Growth and other capital expenditures in Corporate and Other include the estimated running cost for the Loma Larga gold project of \$10 million to \$14 million and for the Timok gold project of \$1 million to \$2 million (as detailed below), as well as a capitalized lease related to electric mobile equipment of \$7 million to \$8 million as part of the Company's ESG initiatives.

Track Record of Disciplined Capital Allocation



Balancing financial strength, reinvestment and return of capital to shareholders

Growing Financial Strength

\$433M growing net cash position

\$150M undrawn credit facility with \$100M accordion feature

No debt



Returning Capital to Shareholders

27% of 2022 free cash flow returned to shareholders (\$44M)^{3,5}

US\$0.04/sh quarterly dividend with attractive 2.7% yield¹⁰

Enhanced normal course issuer bid Authorization to purchase up to US\$100M (approximately 10% of public float)*



Investing in our Future

Added Loma Larga project and advancing permitting

New high-grade discovery at Čoka Rakita in Serbia

Advancing further exploration to assess mineral resource potential

Aggressively investing in exploration at all of our assets

Disciplined M&A evaluation



Subject to approval by the Toronto Stock Exchange.

^{3.} Refer to footnote #3 on slide 20.

^{10.} Refer to footnote #10 on slide 20



APPENDIX



Footnotes



- 1. Cost of sales per ounce of gold sold represents cost of sales for Chelopech and Ada Tepe, divided by payable gold in concentrate sold. This measure is before by-product credits. All-in sustaining cost per ounce of gold is a non-GAAP ratio which represents cost of sales less depreciation, amortization and other non-cash items plus treatment charges, penalties, transportation and other selling costs, cash outlays for sustaining capital expenditures and leases, rehabilitation-related accretion expenses and an allocated portion of the Company's general and administrative expenses less by-product revenues in respect of copper and silver including realized gains on copper derivative contracts divided by the payable gold-copper concentrate and pyrite concentrates sold. Non-GAAP measures have no standardized meaning under IFRS. For all non-GAAP measures discussed in this presentation, refer to the "Non-GAAP Financial Measures" section of the Company's MD&A for the period ended December 31, 2022 on pages 43 to 49, available on our website at www.dundeeprecious.com and on SEDAR at www.sedar.com for additional information, including why they are useful to investors, the additional purposes for which management uses these measures and, in the case of historical measures, a reconciliation with the nearest GAAP measures.
- 2. Smelter cost of sales per tonne of complex concentrate smelted represents cost of sales for Tsumeb, divided by tonnes of complex concentrate smelted. This measure is before by-product credits. Cash cost per tonne of complex concentrate smelted is a non-GAAP measure and represents cost of sales less depreciation and amortization and net of revenue related to the sale of acid, divided by the volumes of complex concentrate smelted.
- 3. Cash provided from operating activities, before changes in working capital, is a non-GAAP financial measure defined as cash provided from operating activities excluding changes in working capital, which includes changes in share-based compensation liabilities, as set out in the Company's consolidated statements of cash flows. This measure is used by the Company and investors to measure the cash flow generated by the Company's operating segments prior to any changes in working capital, which at times can distort performance. Free cash flow is a non-GAAP measure and is defined as cash provided from operating activities, before changes in working capital, less cash outlays for sustaining capital, and any mandatory principal repayments and interest payments related to debt and leases.
- 4. Adjusted net earnings is a non-GAAP measure and is defined as net earnings attributable to common shareholders, adjusted to exclude specific items that are significant, but not reflective of the underlying operations of the Company, including: impairment charges or reversals thereof; unrealized and realized gains or losses related to investments carried at fair value; significant tax adjustments not related to current period earnings; restructuring costs; and non-recurring or unusual income or expenses that are either not related to the Company's operating segments or unlikely to occur on a regular basis.
- 5. Forecast/guidance information is subject to a number of key assumptions, risks and uncertainties. Details of the Company's 2023 guidance and three-year outlook can be found in the MD&A for the period ended December 31, 2022, available on the Company's website at www.sedar.com. See "Forward Looking Statements" on slide 2.
- 6. Investments valued at \$41 million as at December 31, 2022, primarily related to the Company's interests in Sabina Gold and Silver Corp. and Velocity Minerals Ltd.
- 7. For more information, including key assumptions, risks and parameters related to the updated life of mine plane and Mineral Reserve and Mineral Resource estimate for the Ada Tepe mine, please refer to the news release dated January 12, 2023, available on our website at www.sedar.com.
- 8. Calculated based on DPM's reported free cash flow from 2022 and the closing price of DPM shares in U.S. dollars on February 16, 2022.
- 9. P/NAV based on consensus NAV/share and the closing price of DPM shares on February 16, 2023.
- 10. Dividend yield calculated based on the closing price of DPM shares in U.S. dollars on February 16, 2023.



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