

SIXTY NORTH GOLD MINING LTD.

MANAGEMENT DISCUSSION AND ANALYSIS FOR THE THREE AND SIX MONTHS ENDED APRIL 30, 2025

The management's discussion and analysis ("MD&A") reports on the financial condition and operating results of Sixty North Gold Mining Ltd. ("Sixty North" or the "Company") and factors that are reasonably expected to impact future operations and results. This discussion and analysis should be read in conjunction with the Company's unaudited condensed interim financial statements for the period ended April 30, 2025 and the audited financial statements for the year ended October 31, 2024, which have been prepared in accordance with International Financial Reporting Standards ("IFRS"). All dollar amounts are expressed in Canadian dollars unless otherwise indicated. Additional information relating to the Company can be found on SEDAR at www.sedarplus.ca. This management's discussion and analysis is dated June 26, 2025.

Some of the statements set forth are forward-looking statements relating to the Company's expected future operating results. The forward-looking information reflects the Company's current expectations and assumptions and are subject to a variety of risks and uncertainties. Although the Company believes that the assumptions on which the forward-looking information is based are reasonable, no assurance can be given that these assumptions will prove correct. Investors are advised to consider the risk factors identified under the heading "Risks and Uncertainties" in this report for a discussion of the factors that could cause the Company's actual results, performance and achievements to be materially different from any anticipated future results, performance or achievements expressed or implied by the forward-looking information.

Description of Business and Overview

The Company was incorporated on July 7, 2016, pursuant to the *Business Corporations Act* (British Columbia). On November 9, 2017, the Company also became registered as an extra-territorial corporation under Part XXI of the Business Corporations Act of the Northwest Territories.

The Company's head office is located at 6120 185A St., Surrey, B.C., V3S 7P9 and its registered and records offices are located at 19th floor, 885 West Georgia Street, Vancouver, BC, V6C 3H4. The Company's principal business activities include the acquisition, exploration and development of mineral property assets. The Company is developing mining operations for gold on the 100% owned Mon Gold Property, 40 km north of Yellowknife, NWT (see "Mon Property" section below).

The Company's shares are listed on the Canadian Securities Exchange under the symbol "SXTY". The Company also trades on the Frankfurt Stock Exchange under the symbol "2F40" and, on the OTC Pink Market in the United States under the symbol "SXNTF".

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Significant events

Significant events and transactions during the period ended April 30, 2025, and to the date of this MD&A include the following:

- On April 28, 2025, the Company granted 802,500 stock options to directors, officers and consultants of the Company. The options have an exercise price of \$0.115 and a life of 5 years. The options vested immediately upon grant.
- On April 02, 2025, the Company closed a non-brokered private placement comprised of 2,952,482 units for gross proceeds of \$243,579.75. Each Unit will consist of one common share (the "Share") of the Company and one non-transferable share purchase warrant (a "Warrant"). Each Warrant will entitle the holder to purchase one additional Share of the Company at a price of \$0.11 per Share for a period of eighteen (18) months; provided that if the closing market price of the Issuer's Shares on the Canadian Securities Exchange ("CSE") is greater than \$0.18 per Share for a period of ten (10) consecutive trading days, the Company may deliver a notice (the "Notice") to the holders of Warrants that the Warrants will expire at 4 p.m. Vancouver time on the date that is thirty (30) days from the date of delivery of such Notice. The shares issued have a hold period of four months and one day restricting resale.
- On March 24, 2025, the Company announced that it has arranged debt settlements with certain officers and a director of the Company, as well as a consultant of the Company, to settle a total of \$151,426 in indebtedness for accrued management and consulting fees from the period May 1, 2024 to February 28, 2025, and other services, to be paid by the issuance and delivery of a total of 1,514,261 common shares of the Company in the aggregate, at a deemed value of \$0.10 per share, plus GST (paid in cash). The shares will be subject to resale restrictions for a period of 4 months and a day from their date of issuance.

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Exploration and Evaluation Assets

The Mon Property

The Mon Property wholly owned by the Company. The Property is located 45 kilometres north of Yellowknife, Northwest Territories, Canada, and consists of 13 contiguous mining leases and 1 mineral claim comprising an aggregate of 1,536.92 acres.

The Property is subject to a 2.0% net smelter royalty ("NSR") reserved in favour of Giauque Holdings Ltd. (the "Royalty Holder"). The Company has committed to make minimum annual advanced royalty payment to the Royalty Holder of US\$20,000, which commenced in January 2017, and is payable on or before January 30th of each year. A deduction of 20% of all advance royalty payments may be made from the first year's NSR payments, and thereafter the balance of the advanced royalty payments may be deducted from future NSR payments. As of the date of the MD&A, the Company has paid US\$160,000 (\$210,586) in advance royalty payments.

In August 2023, the Northwest Territories (NWT) wildfire impacted the Company's Mon Property. The Company recorded the impairment loss of certain equipment damaged due to wildfire amounting to \$436,000 during the year ended October 31, 2023. In March 2024, the Company received insurance settlement of \$388,138 for its claim relating to the equipment damaged by the wildfires in the Northwest Territories in August. For the year ended October 31, 2024, the Company recognized a reversal of impairment amounting to \$381,225.

The Mon Property is an exploration stage property with no mineral reserves or resources as of this report date.

A Technical Report dated August 3, 2023, on the Property was prepared by Dave R. Webb, P.Geol., P.Eng., the "qualified person", as defined under National Instrument 43-101 ("NI 43-101") and can be viewed on www.sedarplus.ca.

Development Progress and Plans

In May 2025, Sixty North Gold announced the first drilling results in its Volcanogenic Massive Sulphide ("VMS") drill program. The Company successfully tested one of the six targets identified from the VTEM Plus © geophysical survey and subsequent analysis of that data by Mira Geosciences ("Mira"). The first two drill holes identified massive and semi-massive sulphide horizons in this first target. Drilling was suspended early due to warmer weather making snowmobile trails inaccessible. Assays revealed this horizon to be composed primarily of iron sulphides with limited but continuous enrichment of precious metals at subeconomic levels. No significant base metal enrichment was encountered.

The upper conductor tested is now interpreted to be the iron-rich cap-rock of the VMS system. Sixty North Gold is confident that this is a VMS system and that geophysics correctly identified where the lenses are located. The Company can now focus on the lower horizon to determine if these conductors carry grade similar to that found in the 5656 Zone along strike to the north or the Likely or Homer Lake Deposits to the south. The Company believes the lower conductor represents the best target for further work. The Company has six targets it plans on testing, with the lower horizon conductors now being the highest priority as they are on strike and within the same horizon as the well-mineralized 5656 Zone.

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The proximity to the Bluefish Hydroelectric Power Plant, and the road network from Yellowknife makes these targets appealing for potential development in the future, with reduced infrastructure costs. The VMS zones provide the Company with an exciting diversification and a potential portfolio of strategic metals, in addition to our planned underground Mon Gold Mine on the same property.

Sixty North Gold plans to continue subdrifting north and south on the A-Zone to collect material for stockpiling. The Company plans to extend the decline around the nose of the vein and onto the east side of the vein, preparing the stopes for future production, extracting and bringing to surface a bulk sample of 2,000 - 4,000 tonnes and assaying this bulk sample. Assuming positive results from the bulk sample the Company plans to acquire a mill capable of 100 tonnes/day throughput, then bringing that up to site on a subsequent winter road. Following commissioning of the mill, the Company expects to be in full operation during the same year as delivery of the mill to site.

Overall Performance and Results of Operations

Six months ended April 30, 2025

The Company incurred a comprehensive loss of \$287,836 during the six months ended April 30, 2025 compared to a net income of \$163,539 during the six months ended April 30, 2024. The significant changes were as follows:

- Professional fees increased to \$78,202 (2024 - \$30,577) due to increased legal fees related to the private placement.
- General and administration expenses decreased to \$20,861 (2024 - \$27,579) due to lower insurance expense incurred during the period.
- Investor relation fees decreased to \$4,722 (2024 - \$50,701). The decrease is due to the non-renewal of the marketing campaign.
- Share-based payments of \$77,335 (2024 - \$Nil) related to options granted to directors, officers and consultants.
- The company recognized a reversal of an exploration and evaluation asset impairment of \$381,225 in the period ended April 30, 2024. The reversal of impairment was due to an insurance payment related to damage caused by wildfire. There were no such reversals during the period ended April 30, 2025.

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Three months ended April 30, 2025

The Company incurred a comprehensive loss of \$220,102 during the three months ended April 30, 2025 compared to a net income of \$252,991 during the three months ended April 30, 2024. The significant changes were as follows:

- Professional fees increased to \$71,372 (2024 - \$27,007) due to increased legal fees related to the private placement.
- General and administration expenses decreased to \$11,768 (2024 - \$25,005) due to lower insurance expense incurred during the period.
- Investor relation fees decreased to \$3,841 (2024 - \$26,344). The decrease is due to the non-renewal of the marketing campaign.
- Share-based payments of \$77,335 (2024 - \$Nil) related to options granted to directors, officers and consultants.
- The company recognized a reversal of an exploration and evaluation asset impairment of \$381,225 during three months ended April 30, 2024. The reversal of impairment was due to an insurance payment related to damage caused by wildfire. There were no such reversals during the period ended April 30, 2025.

Summary of Quarterly Results:

Period Ended	2025 APR 30	2025 Jan 31	2024 Oct 31	2024 July 31	2024 Apr 30	2024 Jan 31	2023 Oct 31	2023 July 31
Operation expenses	(219,032)	(67,734)	(143,967)	(323,722)	(133,049)	(89,452)	(262,364)	(121,243)
Net income (loss)	(220,102)	(67,734)	(143,967)	(334,222)	252,991	(89,452)	(683,352)	(121,243)
Earning (loss) per share, basic and diluted	(0.00)	(0.00)	(0.01)	(0.01)	0.01	(0.00)	(0.05)	(0.00)

Liquidity and Solvency

As at April 30, 2025, the Company had cash of \$45,149 and working capital deficiency of \$640,584. The Company does not expect to generate revenues in the near future and will require additional funds to meet its obligations and commitments. These circumstances may cast significant doubt as to the Company's ability to continue as a going concern and the appropriateness of the use of accounting principles applicable to a going concern.

Net cash used in operating activities during the period ended April 30, 2025, was \$53,500 (2024 – \$210,169) representing the expense of operating activities, net of changes in working capital.

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Net cash used in investing activities during the period ended April 30, 2025, was \$246,909 (2024 – cash generated \$229,823, proceeds from insurance claim of equipment) representing exploration and evaluation expenditures.

Net cash generated by financing activities during the period ended April 30, 2025, was \$309,695 (2024 – \$Nil) from private placements and exercise of warrants.

The Company is closely monitoring its cash requirements and evaluating various strategic and short-term alternatives.

There is no guarantee that the Company will obtain further future funding, and the amount, timing and nature of financing may be materially impacted by the economic climate in capital markets.

Off-Balance Sheet Arrangements

The Company has no off-balance sheet arrangements other than those described elsewhere in this report.

Critical Accounting Policies and Estimates

Certain carrying amounts of assets and liabilities require judgements, assumption and estimates as the basis for determining the stated amounts. Examples of significant estimates made by management include the determination of mineralized reserves, estimating the fair values of financial instruments, impairment of long-lived assets, reclamation and rehabilitation provisions, valuation allowances for future income tax assets and assumptions used for valuation of warrants and share-based compensation. Actual results may differ from those estimates.

A detailed summary of all of the Company's significant accounting policies is included in Note 3 to the annual audited financial statements for the year ended October 31, 2024.

Risks and Uncertainties

There is no assurance that the Company's mineral exploration and development activities will result in any discoveries of commercial bodies of ore.

There is no assurance that additional funding will be available for further operations or to fulfill its obligations under the applicable agreements.

Companies in the mineral and exploration and development industry are subject to many risks including, but not limited to, infrastructure, government regulations, environmental issues, metal prices and currency fluctuations and uninsured and litigation risks. There is no assurance that the Company will be able to establish a practical working relationship with any First Nations in the area which would allow it to ultimately develop the Property.

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Furthermore, the availability of services such as drilling contractors and geological service companies, and/or the terms on which these services are provided, may be adversely affected by global economic impacts on such service providers. Adverse effects on the capital markets generally may make the raising of capital by equity or debt financing much more difficult, and the Company is dependent upon the capital markets to raise further financing.

Related Party Transactions

The Company defines key management personnel as officers and directors of the Company and/or entities controlled by them. Officers of the Company include the president, chief executive officer ("CEO"), chief financial officer ("CFO") and the vice president of corporate development ("VP Corporate Development"). During the three and six months ended April 30, 2025, the Company incurred the following key management compensation charges:

	Three months ended April 30,		Six months ended April 30,	
	2025	2024	2025	2024
Management fees				
Company controlled by the VP				
Corporate Development	\$ 15,000	\$ 15,000	\$ 30,000	\$ 30,000
CFO	15,000	15,000	30,000	30,000
Company controlled by the				
President & CEO	15,000	15,000	30,000	30,000
Total	\$ 45,000	\$ 45,000	\$ 90,000	\$ 90,000

During the period ended April 30, 2025, the Company incurred the following exploration and evaluation assets expenditures with related parties:

- The Company paid \$30,762 (2024 - \$720) in Mon Property administration expenditures to DRW Geological Consultants Ltd. ("DRW"), a company controlled by the President and CEO.
- The Company paid \$nil (2024 - \$744) in Mon Property exploration expenditures to New Discovery Mines Ltd. ("NDM"), a company 50% owned by the President and CEO.
- The Company paid \$Nil (2024 - \$26,795) in annual advance royalty payments to Giauque Holdings Ltd ("Giauque"), a company controlled by the president and CEO.

Related Party Balance

As at April 30, 2025, accounts payable and accrued liabilities include \$30,000 (October 31, 2024 - \$90,000) payable to directors, officers, and companies controlled by directors and officers for accrued fees.

As at April 30, 2025, accounts payable and accrued liabilities include \$532,900 (October 31, 2024 - \$254,634) payable for exploration expenditures to DRW.

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Other transactions

During the period ended April 30, 2025, the Company issued a total of 1,500,000 common shares with a fair value of \$262,500 to settle \$150,000 in accrued management fees.

The common shares issued to settle liabilities with the related parties were recorded at a fair value of \$262,500. The \$112,500 difference between the fair value of the common shares issued and carrying value of the amounts payable was recorded to equity reserves as a capital transaction because the settlement occurred with related parties and shareholders.

During the year ended October 31, 2024, the Company issued a total of 3,164,998 common shares with a fair value of \$221,550 to settle \$189,900 in accrued management fees.

The common shares issued to settle liabilities with the related parties were recorded at a fair value of \$221,550. The \$31,650 difference between the fair value of the common shares issued and carrying value of the amounts payable was recorded to equity reserves as a capital transaction because the settlement occurred with related parties and shareholders.

Unless otherwise noted, amounts due to related parties are non-interest bearing, unsecured and have no fixed terms of repayment. The above related party transactions were in the normal course of operations and measured at the exchange amount, which is the amount established and agreed to by the related parties.

Guarantees and Commitments

Any contractual commitments and guarantees provided are discussed in Note 10 – Commitments, Note 4 – Exploration and Evaluations Assets, and Note 9 - Related Party Transactions and Balances of the financial statements.

Financial Instruments and Risks

The Company is exposed to various financial instrument risks and assesses the impact and likelihood of this exposure. These risks include credit risk, currency risk, and liquidity risk. Where material, these risks are reviewed and monitored by the Board of Directors.

Please refer to Note 11 of the condensed interim financial statements for the period ended April 30, 2025, for further details.

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Outstanding Share Data

The following table summarizes the outstanding share capital, stock options, and warrants as of the date of the MD&A:

	Number of shares issued or issuable
Common shares	47,828,579
Stock options	3,852,500
Warrants	2,970,482
Total, if all or exercised	54,651,561

Management's Responsibility for Financial Statements

Information provided in this report, including the consolidated financial statements, is the responsibility of management. In the preparation of these statements, estimates are sometimes necessary to make a determination of future value for certain assets or liabilities. Management believes that such estimates have been based on careful judgments and have been properly reflected in the financial statements. Management maintains a system of internal controls to provide reasonable assurance that the Company's assets are safeguarded and to facilitate the preparation of relevant and timely information.

Contact

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