



**MANAGEMENT'S DISCUSSION AND ANALYSIS**

**FOR THE THREE MONTHS ENDED**

**JANUARY 31, 2025 AND 2024**

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## 1.0 INTRODUCTION

The following management discussion and analysis (“MD&A”) is a review of operations, current financial position, and outlook for Signature Resources Ltd. (“Signature” or the “Company”) for the three months ended January 31, 2025 and 2024, including other pertinent events up to and including March 28, 2025. The following information should be read in conjunction with the condensed interim consolidated financial statements for the three months ended January 31, 2025 and 2024, and notes thereto (the “Interim Financial Statements”), and the audited consolidated financial statements for the years ended October 31, 2024 and 2023, and notes thereto, (the “Annual Financial Statements”). Amounts are reported in Canadian dollars. Additional information related to Signature is available on the Company's profile at [www.sedarplus.ca](http://www.sedarplus.ca).

## 2.0 FORWARD-LOOKING INFORMATION

This MD&A contains forward-looking statements. The forward-looking statements contained herein are subject to certain risks and uncertainties that could cause actual results to differ materially from those projected. Readers are cautioned not to place undue reliance on these forward-looking statements, which reflect management’s (“Management”) analysis only as of the date hereof. Readers should be aware that the Company is under no obligation to publicly release the results of any revision to these forward-looking statements, which may not reflect circumstances, or occurrences of unanticipated events after the date of this document.

## 3.0 DESCRIPTION OF BUSINESS

The Company was incorporated on May 3, 2010, and is a reporting issuer in the provinces of British Columbia and Alberta. Shares of Signature are listed on the TSX Venture Exchange (“TSXV”) under the symbol “SGU”, on the OTCQB Market under the symbol “SGGTF”, and on the Frankfurt Stock Exchange under the symbol “3S3”. The Company’s principal business activity is the identification, evaluation, and exploration of mineral resource assets in Canada, with a focus on precious metals. The Company is currently exploring Signature’s Lingman Lake gold property in north-western Ontario (“Lingman Lake Project”) or (the “Property”).

The Lingman Lake gold property consists of 1,300 staked claims, four freehold full patented claims and 14 mineral rights patented claims totaling approximately 24,761 hectares. The Property hosts a historical resource estimate of 234,684 oz of gold\* (1,063,904 tonnes grading 6.86 g/t with 2.73 gpt cut-off) and includes what has historically been referred to as the Lingman Lake Gold Mine, an underground substructure consisting of a 126.5-metre shaft, and 3-levels at 46-metres, 84-metres and 122-metres depths. The property is not in production.

The Company continues to explore on the patented and staked claims with a goal of completing an initial NI 43-101 resource estimate which is intended to replace the aforementioned historical resource. The Company has completed a 4,730 metre drill program designed to test gaps in the current data set and plans to publish a maiden NI 43-101 resource estimate in 2025.

*\*Cautionary Note.* The historical resource estimate is based on prior data and reports obtained and prepared by previous operators, and information provided by governmental authorities. A Qualified Person (as defined) has not done sufficient work to verify the classification of the mineral resource estimates in accordance with current CIM categories. The Company is not treating the historical estimate as a current NI 43-101-compliant mineral resource estimate. Accordingly, the historical estimate should not be relied upon. Additional information regarding historical resource estimates is available in the technical report entitled, “Technical Report on the Lingman Lake Property” dated January 31, 2020, prepared by John M. Siriunas, P.Eng. and Walter Hanych, P.Geo. available on the Company’s SEDAR profile at [www.sedar.com](http://www.sedar.com).



## 4.0 HIGHLIGHTS

### TECHNICAL

- *On November 1, 2024, the Company provided an update on its 2024 drill program and provided assay results for the first three diamond drill holes (“DDH”). The Company had completed 12 of the planned 14 holes at that time. Results highlighted a larger halo of near surface mineralization that had previously not been tested for as indicated by LM 24-02 which returned 1.84 grams per tonne gold (“g/t Au”) over 12 metres (“m”) and LM 24-03 which returned 1.23 g/t Au over 28 m.*
- *On January 10, 2025, the Company provided an update on its 2024 drill program providing assay results on three additional diamond drill holes highlighting a large halo of near surface mineralization that had not been fully tested previously. This was seen in DDH LM 24-06 which returned 1.14 g/t Au over 54 m. This wide area of mineralization included three higher grade one metre intercepts of 9.97 g/t Au, 7.16 g/t Au and 17.69 g/t Au. The Company completed all of its 2024 field and drilling programs and closed the camp for winter on November 28, 2024 and was awaiting assay results on the final eight DDH’s being analyzed from the recently completed drill program.*
- *On February 6, 2025, the Company provided the assay results for the two diamond drill holes east of the diabase dyke. This was highlighted by DDH LM 24-07 which returned 47 m with an average grade of 2.43 g/t Au including 19m with an average grade of 4.7 g/t Au. This hole confirmed results from DDH LM 24-06 as they were targeting an area identified in our geologic model by artificial intelligence (“AI”) interpolation and proved successful.*
- *On February 18, 2025, the Company provided the final assays for the 2024 drill program. All these results were for the six drillholes west of the diabase dyke. DDH’s LM 24-09 and LM 24-10 were designed to test another area of AI interpolation identified in our geologic model and returned good results highlighting a wide area of mineralization extending our understanding of the halo around high-grade intercepts. This was highlighted by LM 24-09 which returned an average grade of 1.81 g/t Au over 51 metres including 19 m with an average grade of 3.6 g/t Au. LM 24-10 returned 34 m with an average grade of 1.8 g/t Au including six metres with an average grade of 7.7 g/t Au. The remaining four holes were targeting the extension of the mineralized structures to the west and successfully encountered the West Zone in all four holes which extended this zone from our prior work.*
- *On February 25, 2025, Signature announced that the Company’s 43-101 resource study will be delayed until approximately the summer of 2025 due to the slow receipt of assay results. While the Company is disappointed with this delay, the board of directors and management remain positive about the results from recent exploration efforts.*

### CORPORATE

- *On November 1, 2024, the Board of Directors granted a combined total of 2,750,000 incentive stock options to the Board, Management and Advisors of the Company. The options have an exercise price of \$0.05 and expire five years from the grant date. The options vest 25% immediately and 25% annually thereafter until the third anniversary.*
- *On January 2, 2025, the company entered into a loan agreement with a related party to provide interim funding for general corporate activities. The \$200,000 loan is unsecured, matures on April 30, 2025, and is provided on a no-cost basis with no interest, finder’s fees, or bonuses payable to the lender.*
- *On February 25, 2025, the Company announced a non-brokered private placement of flow-through shares (“FT Shares”) and non-flow-through shares (“NFT Shares”) for gross proceeds of up to \$1,000,000.*



- *On March 11, 2025, the Company announced that it had amended the terms of the previously announced non-brokered private placement with respect to the NFT Shares. The NFT Shares will be offered as a unit, comprised of one common share and one half of one common share purchase warrant (each, a “NFT Unit”). The NFT Units will retain the NFT Share Offering price of \$0.05, and each whole warrant will entitle the holder to purchase an additional common share in the capital of the Company for a price of \$0.08 per share for a period of 12 months. Insiders are anticipated to subscribe for at least 50% of the Offering.*
- *On March 24, 2025, the Company announced that it was increasing the size of its previously announced Offering from gross proceeds of up to \$1,000,000 to \$1,400,000.*
- *On March 28, 2025, the Company announced the closing of the non-brokered private placement for total gross proceeds of \$1,471,400 issuing a total of 5,400,000 FT shares and 24,028,000 NFT Units at a price of \$0.05.*

## **OUTLOOK**

Signature’s exploration strategy is focused on safely and responsibly defining and expanding the 100%-owned Lingman Lake Project and, within its regional property, the discovery of additional gold deposits with potentially favorable economic attributes. Management continues to be prudent and disciplined in the development and execution of its exploration strategy within the macro environment of changing stock markets and economic conditions related to gold exploration.

With the completion of our 2024 drilling program in November, the geological team was able to complete the data compilation and interpretation and provide it to the external consultants to update the geological model and proceed with the production of an initial NI 43-101 resource report for the Lingman Lake property.

Additional and parallel work continued the advancement of our understanding of the regional potential of Signature’s vast property. This work is expected to further refine the top-ranked regional targets utilizing our ground-based geophysical surveys and surface data collection to focus our efforts on priority targets in our regional exploration program.

### **2024 Work Programs**

In 2023, Signature announced that WGM had completed a new geologic model for the Lingman Lake Project based upon the most recent drilling activity. In December 2023, the Company engaged WGM to update the geologic model with the data from the 1980’s drilling. With the updated model as well as information from the historical activities on the property conducted in the 1940’s, WGM completed the design of a targeted drill program of approximately 4650 metres, designed to close the previously identified data gaps that delayed the delivery of the initial NI 43-101 resource report. The Company completed a field mapping and data compilation project in the spring that provided a fuller picture of the historical work completed at Lingman Lake, helped prepare site selection for the 2024 drill program and provide a good roadmap for future surface work and potential targeting for regional activities. During the field program the team collected 101 samples that were analyzed by SGS Labs in Red Lake and results were announced on August 15, 2024. With the completion of the spring mapping program, Signature commenced the newly designed drill program in July 2024 and completed drilling in November 2024 for a total of 4,730 metres. The new drill program was designed to make the most efficient use of our exploration budget. When completed, this program filled some of the data gaps within the geologic model, each drill hole was fully assayed to enhance our knowledge of the geologic characteristics of the mineralized zones and the surrounding rock packages. This work allowed the Company to update the drilling database and provide an updated geologic model while completing the necessary work to provide an initial NI 43-101 report for the Lingman Lake project. The timetable for completing the initial NI 43-101 and other



corporate activities is dependent upon Signature being able to access additional capital to fund these activities.

## **5.0 OVERALL PERFORMANCE**

The Company had a very successful fiscal 2024 advancing all of its objectives for 2024 and placing Signature in a good position to meet its goal of delivering its initial 43-101 resource in fiscal 2025. The Company completed its field program in the spring of 2024 that improved the mapping of historical activities, gathered 101 surface samples and confirmed the drilling locations of the proposed 2024 drilling program. The Company completed the planned drilling program in mid-November 2024 and completely wrapped up all the field programs by the end of November 2024 delivering all the samples for assaying to SGS labs. The Company continued the success of 2024 into the first half of 2025 with the delivery of all the assay results to the independent geological consultants at the end of February 2025

### ***National Instrument 43-101 Resource Update***

The Company completed all of its 2024 field programs and closed the exploration camp on November 28. All the samples were delivered to SGS labs for analysis at the end of November 2024. All the field programs position the Company and its consultants to commence the process of compiling all of the necessary data and completing the publication of its initial NI 43-101 resource estimate in the first half of calendar 2025. The Company, with assistance from WGM, designed and executed a drill program that will improve the historical database as well as explore some potential extensions in mineralization that had been previously underexplored. A forest fire in 2021 resulted in the destruction of a number of core racks and significantly degraded our ability to confirm drilling data from the 1980s that would have resolved some of our deficiencies. The 2024 drill program had three priorities to advance the Lingman Lake Project. First, to target areas containing high-grade mineralization identified with the 1940s drilling. Second, to drill areas identified in the 1980s dataset where additional data will benefit the current model and third, identifying potential gaps in the mineralization arising from the lack of drilling data. The program has improved the confidence of past exploration efforts with the overall aim of bringing certain historical high-grade drill intercepts of the deposit to current technical standards. The exploration program and updated geologic models are also seeking to identify exploration vectors for targeting potential of high-grade mineralization in the Lingman Lake deposit.

The planned resource estimate is intended to provide Signature with several key insights to further the Company's exploration strategy, including:

- Publishing an initial NI 43-101 compliant resource; and
- Providing a better understanding of the local geology and controls on the mineralization; and
- Positioning the team to continue to unlock and extend the initial resource with improved geological guidance for drilling, as testing and developing new drill targets at Lingman Lake continues.

Substantial work has been completed and has contributed to an improved understanding of the Lingman Lake deposit. This work has included:

- Finalizing the compilation of the drill and assay database
- 3D geologic modelling and analysis
- The identification and analysis of gaps and opportunities to improve the completeness of the assay database to support geological interpretation and the resource estimate

With the completion of the 2024 programs and the publication of the initial 43-101 report in the first half of calendar 2025, management believes that the Company will be in a good position to advance to the next drilling



program that will focus on expanding the resource potential of the Lingman Lake property. With an enhanced understanding of the local mine area geology, management will be able to better identify the most prospective regional targets within the extensive greenstone belt that Signature controls.

### **Summary of Site Activities**

The Company completed a number of activities at the site for 2024 with the goal of completing its drill program which will lead to the initiation of the work to deliver the maiden NI 43-101 resource report for Signature in the first half of calendar 2025.

- From May 2 to May 31, 2024 the team conducted the field mapping program, sample collection, reconnaissance of drill locations and geological, including more detailed structural mapping. The team was able to establish trails to a number of the proposed drill sites and was also able to conduct maintenance on a number of the pieces of equipment necessary for operating the camp and also identified a few items of necessary maintenance to be completed before the summer drill program could begin. These repairs were made in late June allowing the summer drilling program to begin in early July.
- From July 5 to July 29, 2024, the Company completed the first planned segment of the 2024 drill program finishing diamond drill hole (DDH) LM 24-01 and LM 24-02 for a total of 810 metres. A portion of DDH LM 24-01 was processed and delivered to SGS Red Lake for analysis.
- From August 14 to September 6, 2024 the Company completed the second planned segment of the 2024 drill program. At the end of the second planned segment, the Company has completed 2,370 metres of DDH drilling. The geologic team continues to process samples to deliver to the SGS Red Lake Labs for processing. Processing of core was slowed by insufficient generator capacity slowing the core cutting capacity. The Company purchased and delivered to site two new generators which has helped speed up the processing of the drilling core.
- From September 20 to October 10, 2024 the Company completed the next segment of the drilling program with the total metres drilled for the 11 DDH drilled to date being 3,725. The geologic team continued to process samples for delivery to the SGS Labs and logging the drilling core. From October 6 to October 9, independent consultants from WGM visited the camp to review activities and Signature's processes as part of their work in preparation for publishing the NI 43-101 statement.
- From October 23 to November 28, 2024 the Company completed all of its planned field activities and closed the camp for the winter. The final 1,011 metres of drilling was completed on November 6, 2024, and the team completed the final analysis through November 28, 2024. In addition, during this period an independent geologist representing WGM completed their review of the Company's processes at site and gathered independent samples for review.

### **Historical Activity**

The first exploration activities at site began in 1939 in the vicinity of the Lingman Lake mine. Diamond drilling commenced on the property in 1945 and over 10,000 m were drilled over the next four years. A shaft was sunk beginning in 1946 to 131 m and three levels were developed through 1949. The mine was shuttered in 1949 due to labour shortages and a post war shift to base metals exploration. With the unpegging of the price of gold in 1971, the Lingman Lake gold mine became an attractive asset and exploration was fully restarted on the property in 1987 when 28,847 m were drilled through 1989, and although the property came close to achieving production the effects of market crash of 1987 caught up to exploration -development projects and the property was once again shuttered. Another brief drilling campaign occurred in 1996 for a total of 2,051 metres. Signature acquired the property in 2013 and has been exploring the property since its acquisition as well as extending the land package past the original patented land claims. Prior to 2024, the most recent drilling



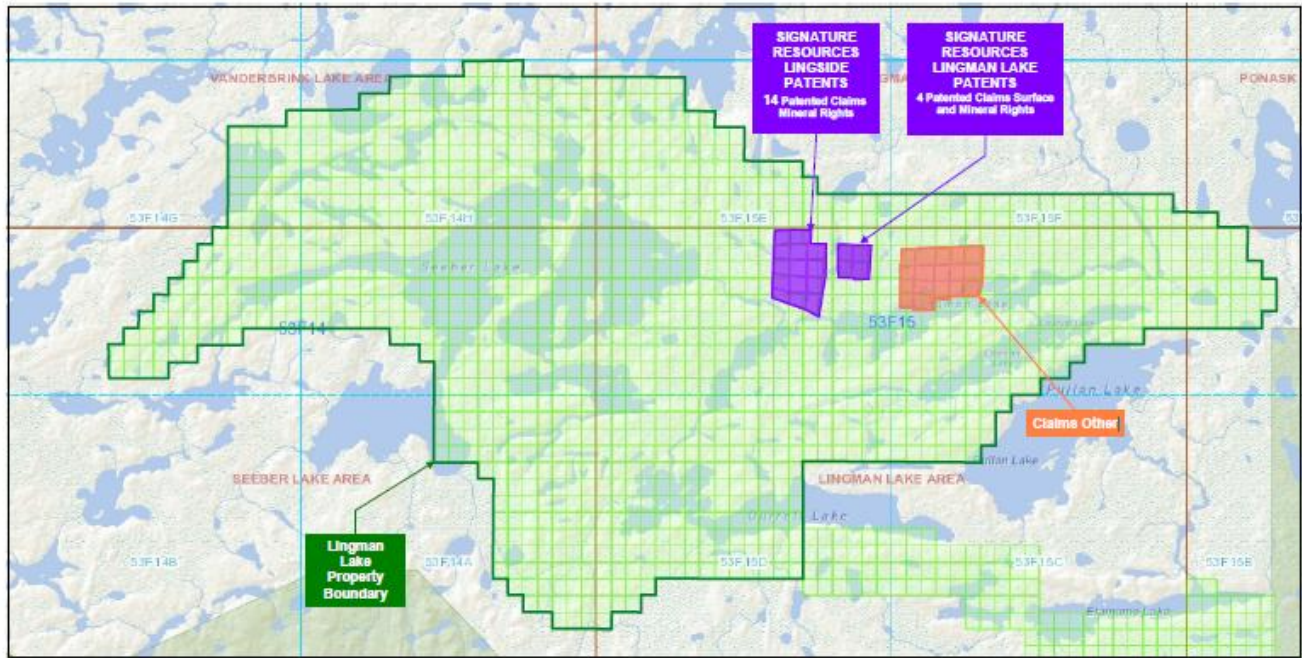
activity at site was conducted in 2018 and 2021. Site activities during 2022 and 2023 were constrained due to limited funds for drilling activities. All activities conducted during those years were for the property protection and camp maintenance activities. Increased activity in 2023 included the completion of the strategic review, updating the geologic model and groundwork in preparation for designing the 2024 drill program. In addition, Signature conducted field activities targeted at maintaining and preserving its exploration camp in preparation for its 2024 activities.

### **Land Tenure**

The Company has completed assessment work and filed it through the Mining Land Administration System (MLAS) Ministry of Energy Northern Development and Mines, Ontario, for various work programs completed on Signature's land package. In June 2022 we filed reports for the 2021 Airborne Geophysical Survey and 2021 Ground Magnetometer Survey. Expenditures totaling \$164,056 from the Airborne survey, and \$92,087 from the Ground Magnetometer Survey were allocated to the Company's claims. The Company also filed a completed diamond drill report on April 13, 2023 and 3D IP Survey report on May 4, 2023 for additional 2021 activity. The expenditures for the drill program totaled \$3,327,080 and for the 3D IP Survey totaled \$388,150 and provided further allocated expenditures for future assessment distribution. The allocated expenditures were distributed into reserves for respective claims for future assessment distribution. With the completion of the 2024 drill program, the Company will file a diamond drill report in the first half of fiscal 2025 that will provide further allocated expenditures for future assessment distribution to maintain the Company's land claims. The Company plans to review and evaluate its land claims package (**See Figure 1**) and adjust its holdings based on the results of its regional exploration work. All the claims remain in good standing with authorities. Currently, Signature has 1,300 staked claims, four freehold full patented claims and 14 mineral rights patented claims totaling over 24,000 hectares.



# LINGMAN LAKE PROPERTY



Ontario Ministry of Mines (MINES)  
MLAS Map Viewer



0 5.47 km  
Projection: WGS Merator



**SIGNATURE**  
RESOURCES  
Discipline | Execution | Integrity



Figure 1 – Lingman Lake Gold Project Land Holdings Covering 90% of the Lingman Lake Greenstone Belt





## 5.1 RESULTS OF OPERATIONS

### SUMMARY OF QUARTERLY RESULTS

|                               | FY2025             | FY2024      |           |           |           | FY2023   |           |           |
|-------------------------------|--------------------|-------------|-----------|-----------|-----------|----------|-----------|-----------|
|                               | Q1                 | Q4          | Q3        | Q2        | Q1        | Q4       | Q3        | Q2        |
|                               | \$                 | \$          | \$        | \$        | \$        | \$       | \$        | \$        |
| Net revenue                   | Nil                | Nil         | Nil       | Nil       | Nil       | Nil      | Nil       | Nil       |
| Loss for the period           | <b>(1,001,853)</b> | (1,388,320) | (869,315) | (296,391) | (249,480) | (18,617) | (415,837) | (435,050) |
| Loss per share <sup>(1)</sup> | <b>(0.01)</b>      | (0.01)      | (0.01)    | (0.00)    | (0.00)    | 0.00     | (0.01)    | (0.01)    |
| E&E expenditures              | <b>731,579</b>     | 1,135,598   | 664,520   | 133,277   | 61,447    | 72,090   | 101,527   | 166,749   |
| Total assets                  | <b>616,599</b>     | 1,209,868   | 2,547,149 | 1,098,014 | 1,313,575 | 955,439  | 1,006,206 | 1,425,696 |
| Long-term liabilities         | <b>928,752</b>     | 882,126     | 872,785   | 863,543   | 854,399   | 846,225  | 812,472   | 803,869   |

<sup>(1)</sup> Basic and diluted

### Three months ended January 31, 2025 vs January 31, 2024

During the quarter ended January 31, 2025, the Company incurred a net loss of \$1,001,853 (Q1/2024 - \$249,480), which consisted of exploration and evaluation expenditures of \$731,579 (Q1/2024 - \$61,447), office and general expenses of \$104,731 (Q1/2024 - \$47,952), salaries and wages of \$77,909 (Q1/2024 - \$24,900), share-based payments of \$24,256 (Q1/2024 - \$21,493), depreciation on equipment of \$73,181 (Q1/2024 - \$85,475), and professional fees of \$11,250 (Q1/2024 - \$10,540). The increase in net loss of \$752,373, period-over-period, was mainly attributable to the following: an increase in exploration and evaluation expenditures related to the exploration work program that was completed during the period and assays done on core samples taken during drilling; significantly increased office and general costs in the current quarter due to the timing in payment of insurance premiums, travel costs to attend conferences and events, and the engagement of investor relations services; Exchange-related filing fees in Q1/2025 vs Q1/2024; share-based payments during the current period due to the timing of vesting of options granted to directors of the Company compared to a payment in the prior period; increased management fees included in salaries and wages; and reduced depreciation related to the general age of existing fixed assets (Q1/2025 - \$73,181 vs Q1/2024 - \$85,475).

## 5.2 FINANCING

On December 13, 2023, the Company completed a non-brokered private placement of flow-through shares (“FT Shares”) and non-flow-through shares (“NFT Shares”) for gross proceeds of \$696,250 (the “December Offering”). The December Offering was comprised of 20,045,455 FT Shares at \$0.0275 per share and 5,800,000 NFT Shares at a price of \$0.025. Twenty percent of the December Offering was purchased by members of the Company’s board of directors and management.

On June 12, 2024, the Company completed a non-brokered private placement of 10,900,000 flow-through shares (“FT Shares”) and 31,124,736 non-flow-through shares (“NFT Shares”) each priced at \$0.05 per share for gross proceeds of \$2,101,237 (the “June Offering”). Participants in the private placement included insiders of the Company who purchased or acquired direction and control over a total of 36% of the June Offering by acquiring 20,000,000 shares.

On February 25, 2025 and further amended on March 11, 2025, the Company announced a non-brokered private



placement of flow-through shares (“FT Shares”) and non-flow-through units (“NFT Units”) for gross proceeds of up to \$1,000,000 (the “March Offering”). Each FT Share and NFT Unit is being offered at \$0.05 per share. Each NFT unit is comprised of one common share and one-half of one common share purchase warrant. Each whole warrant entitles the holder to purchase one common share in the capital of the Company at \$0.08 for a period of 12 months following the close of the March Offering. On March 24, 2025, the Company announced that it was increasing the size of the March Offering from gross proceeds of up to \$1,000,000 to \$1,400,000. On March 28, 2025, the Company announced the closing of the March Offering for total gross proceeds of \$1,471,400 issuing a total of 5,400,000 FT shares and 24,028,000 NFT Units at a price of \$0.05. All securities issued pursuant to this proposed private placement will be subject to the TSXV’s 4-month hold period. Insiders subscribed for approximately 50% of the March Offering.

The net proceeds from the March Offering will be used for completing the maiden NI 43-101 resource estimate, final expenses for the 2024 drilling program and general working capital purposes. It is expected that thirty percent of the proceeds will be used for completing the resource model, twenty five percent for the remaining drilling program expenses and forty-five percent for general working capital purposes including accrued invoices to a non-arm’s length party. The Company may pay up to 7% of the gross proceeds as finders’ fees. None of the proceeds will be used for investor relations service providers.

### 5.3 EQUIPMENT AND EXPLORATION AND EVALUATION (“E&E”) EXPENDITURES

The Company purchased two generators for operation in the amount of \$42,657 during the year ended October 31, 2024 (2023 - nil). Management believes the capital investment in equipment supports the optimization of the exploration camp, improves drilling support, worker safety, and effectiveness.

#### MINERAL PROPERTY EXPENDITURES AND REHABILITATION PROVISION

The following table summarizes the E&E expenditures incurred at the Lingman Lake Property:

|   | January 31, 2025     | October 31, 2024     |
|---|----------------------|----------------------|
| <b>Cumulative expenditures, beginning of the period</b> | <b>\$ 17,863,585</b> | <b>\$ 15,832,543</b> |
| Logistics   | 130,614              | 647,289              |
| Geophysical and geological consulting                   | 64,871               | 207,572              |
| Contract labour, salaries, wages                        | 68,306               | 252,010              |
| Consulting expenses                                     | 34,000               | 129,998              |
| Field Supplies  | 4,873                | 192,291              |
| Drilling  | 22,358               | 197,420              |
| Geotechnical and storage                                | 22,800               | 79,500               |
| Travel and lodging                                      | 25,927               | 128,571              |
| Asset retirement obligation accretion expense (note 11) | 9,426                | 34,538               |
| Assays  | 346,822              | 119,245              |
| Equipment rentals                                       | 1,582                | 4,045                |
| Asset retirement obligation adjustment (note 11)        | -                    | 38,563               |
| <b>Total expenditures during the period</b>             | <b>731,579</b>       | <b>2,031,042</b>     |
| <b>Cumulative expenditures, end of the period</b>       | <b>\$ 18,595,164</b> | <b>\$ 17,863,585</b> |



## Rehabilitation Provision

Historical work done by other companies on the Company's mining sites resulted in MENDM issuing an order to the Company requiring the filing of a mine closure plan ("MCP"). Therefore, the rehabilitation provision recorded in the consolidated financial statements represents the estimate of the eventual legal and contractual obligations associated with a future closure of the Company's mining operations either progressively or at the end of the mine life. A draft MCP was submitted to MENDM in September 2021. The Company is awaiting a response from MENDM to discuss the results of actions taken by the Company with respect to the MCP, and to discuss any further requirements needed to finalize the closure plan. The MCP obligations consist of estimated costs associated with reclamation and monitoring activities and the removal of tangible assets from the Company's mining sites.

A summary of the Company's rehabilitation provision is presented below:

| <b>As at</b>                  | <b>January 31,<br/>2025</b> | <b>October 31,<br/>2024</b> |
|-------------------------------|-----------------------------|-----------------------------|
| Balance, beginning of period  | \$919,326                   | \$846,225                   |
| Change in estimate            | -                           | 38,563                      |
| Accretion expense             | 9,426                       | 34,538                      |
| <b>Balance, end of period</b> | <b>\$928,752</b>            | <b>\$919,326</b>            |

During the year ended October 31, 2024, the Company recorded an adjustment to the liability on the statement of financial position at its present value amount, adjusted for 2.88% (2023 – 2.58%) annual inflation, and discounted back to October 31, 2024, using a risk-free interest rate of 3.28% (2023 – 3.92%), which resulted in a change in estimate of \$38,563 (2023 – \$25,058), and is included in exploration and evaluation expenditures. During the three months ended January 31, 2025, the Company has recorded accretion expense of \$9,426 (January 31, 2024 – \$8,174), which is included in exploration and evaluation expenditures.

## 5.4 LIQUIDITY AND CAPITAL RESOURCES

At January 31, 2025, the Company had cash and investments of \$36,077 (October 31, 2024 - \$496,238) and a working capital deficiency of \$1,436,265 (October 31, 2024 – \$541,275). The Company still requires additional financing to pay for capital expenditures and exploration and administrative costs required to advance exploration on its Project. The Company has a history of operating losses and of negative cash flows from operations. The Company remains reliant on capital markets for future funding to meet its ongoing and future obligations.

Prior to the establishment of operations at the Company's Lingman Lake Property, the Ministry of Energy, Northern Development and Mines ("MENDM") had requested the removal of certain above ground storage tanks containing approximately 800,000 litres of fuel, which was considered a mine hazard. This request was made to prior owners of the mine site and they failed to comply with MENDM's request to clean it up. Consequently, MENDM took action and managed the disposition of the fuel at a cost of \$884,325. (the "Clean-up Cost"). Pursuant to accounting principles, the Clean-up Cost has been recorded on the Company's statement of financial position as a current accrued liability, however no attempt at collection by MENDM has been made to date. The Company plans to address these items with MENDM when the MCP is reviewed. To date, the Company has



received no response to its draft MCP, and the timing of the review is undetermined. Further details are provided in the section of the report under Rehabilitation Provision.

## 5.5 OUTSTANDING SHARE DATA

For information regarding outstanding share capital of the Company, please see the table presented below.

| As at                              | March 28,<br>2025  | January 31,<br>2025 | October 31,<br>2024 |
|------------------------------------|--------------------|---------------------|---------------------|
| Common shares                      | 148,769,863        | 148,769,863         | 148,769,863         |
| Options                            | 8,480,000          | 8,480,000           | 5,750,000           |
| <b>Fully diluted share capital</b> | <b>157,269,863</b> | <b>157,249,863</b>  | <b>154,519,863</b>  |

### COMMON SHARES

The Company is authorized to issue an unlimited number of common shares without par value.

The Company has never paid dividends.

See note 8(b) – Share Capital in the Financial Statements for details of all share issuances during the three months ended January 31, 2025 and the year ended October 31, 2024 (the “Reporting Periods”).

The following is the share capital activity for the Reporting Periods:

|   | Number of<br>common shares | Amount              |
|---|----------------------------|---------------------|
| <b>Balance, October 31, 2022</b>                      | <b>55,139,622</b>          | <b>\$17,871,069</b> |
| Private placements                                    | 20,325,000                 | 813,000             |
| Less: share issuance costs                            | -                          | (14,522)            |
| Shares issued for debt                                | 5,435,050                  | 217,402             |
| <b>Balance, October 31, 2023</b>                      | <b>80,899,672</b>          | <b>\$18,886,949</b> |
| Private placements                                    | 67,870,191                 | 2,797,487           |
| Less: share issuance costs                            | -                          | (7,000)             |
| Premium on flow-through shares                        | -                          | (50,114)            |
| <b>Balance, October 31, 2024 and January 31, 2025</b> | <b>148,769,863</b>         | <b>\$21,627,322</b> |

### STOCK OPTIONS

See note 8(c) – Share Capital - Stock Options in the Interim Financial Statements for details of all stock option activity during the Reporting Periods.

Signature has a stock option plan (the “SOP”), the purpose of which is to attract, retain and motivate management, staff, and consultants by providing them with the opportunity, through share options, to acquire a proprietary interest in the Corporation and benefit from its growth. The maximum number of options to be issued under the Plan shall not exceed 10% of the total number of common shares issued and outstanding. The options are non-transferable and may be granted for a term not exceeding ten years. The exercise price and the vesting period of the options are determined by the Board based on the market price of the common shares, subject to all applicable regulatory requirements.



The following summarizes the stock options activity for the year ended October 31, 2024, and the three months ended January 31, 2025:

|                                    | <b>Number of<br/>Options</b> | <b>Weighted Average<br/>Exercise Price \$</b> |
|------------------------------------|------------------------------|---|
| <b>Balance at October 31, 2023</b> | <b>5,060,000</b>             | <b>0.42</b>                                   |
| Granted                            | 2,450,000                    | 0.05  |
| Expired                            | (1,760,000)                  | 0.41  |
| <b>Balance at October 31, 2024</b> | <b>5,750,000</b>             | <b>0.22</b>                                   |
| Granted                            | 2,750,000                    | 0.05  |
| Expired                            | (20,000)                     | 0.25  |
| <b>Balance at January 31, 2025</b> | <b>8,480,000</b>             | <b>0.16</b>                                   |

On June 26, 2023, 1,000,000 options were granted to a director and officer of the Company. The options have an exercise price of \$0.05 and expire five years from the grant date. These options vest as to 25% immediately and 25% annually thereafter, through to the third anniversary of the grant date. The fair value of these options was estimated on the date of grant using the Black-Scholes option pricing model with the following assumptions: expected dividend yield of 0%; risk-free rate interest rate of 3.70%, an underlying share price of \$0.03, an exercise price of \$0.05 and expected volatility of 146%. The fair value assigned to these options was \$21,689.

During the year ended October 31, 2023, 777,500 options expired, unexercised. The options had a weighted average exercise price of \$0.41. Due to the resignation of officers in November 2022, and prior to meeting their performance targets, 2,400,000 options did not vest and were cancelled. The options had a weight average exercise price of \$0.40.

On November 6, 2023, 2,100,000 options were granted to directors of the Company. The options have an exercise price of \$0.05 and expire five years from the grant date. These options vest as to 25% immediately and 12.5% semi-annually thereafter until the third anniversary of the grant date. The fair value of these options was estimated on the date of grant using the Black-Scholes option pricing model with the following assumptions: expected dividend yield of 0%; risk-free interest rate of 3.87%, an underlying share price of \$0.025, an exercise price of \$0.05 and expected volatility of 154%. The fair value assigned to these options was \$46,802.

On December 13, 2023, 350,000 options were granted to a new director of the Company. The options have an exercise price of \$0.05 and expire five years from the grant date. These options vest as to 25% immediately and 12.5% semi-annually thereafter until the third anniversary of the grant date. The fair value of these options was estimated on the date of grant using the Black-Scholes option pricing model with the following assumptions: expected dividend yield of 0%, risk-free interest rate of 3.33%, an underlying share price of \$0.03, an exercise price of \$0.05 and expected volatility of 156%. The fair value assigned to these options was \$9,502.

During the year ended October 31, 2024, 1,760,000 options expired, unexercised due to a director resigning from the Board of Directors, and a consultant leaving the Company. The options had a weighted average exercise price of \$0.53.

On November 1, 2024, 2,750,000 incentive stock options were granted to the Board, Management and Advisors of the Company. The options have an exercise price of \$0.05 and expire five years from the grant date. These



options vest as 25% immediately and 25% annually thereafter until the third anniversary of the grant date. The fair value of these options was estimated on the date of grant using the Black-Scholes option pricing model with the following assumptions: expected dividend yield of 0%, risk-free interest rate of 3.06%, an underlying share price of \$0.035, an exercise price of \$0.05, and expected volatility of 177%. The fair value assigned to these options was \$91,134.

During the three months ended January 31, 2025, 20,000 options expired, unexercised. The options had a weighted average exercise price of \$0.25

During the three months ended January 31, 2025, a total of \$24,256 (2024 - \$21,493) was recorded to share-based payments expense and charged to contributed surplus. Further, the weighted average exercise price of options granted during the three months ended was approximately \$0.05 (2024 - \$0.05).

The following summarizes the outstanding stock options at January 31, 2025:

| <b>Grant Dates</b>     | <b>Exercise Price \$</b> | <b>Weighted Average Remaining Life (years)</b> | <b>Number of Options Outstanding</b> | <b>Number of Options Exercisable</b> |
|------------------------|--------------------------|--|--------------------------------------|--------------------------------------|
| Jul.14 - Aug. 17, 2020 | 0.25 - 0.50              | 0.45 – 0.54                                    | 500,000                              | 500,000                              |
| Nov. 8 - Dec. 23, 2020 | 0.35 - 0.65              | 0.77 – 0.89                                    | 840,000                              | 840,000                              |
| Jan. 19 - Feb.16, 2021 | 0.55 - 0.65              | 0.97 – 1.03                                    | 120,000                              | 120,000                              |
| August 4, 2021         | 0.80                     | 1.51   | 220,000                              | 220,000                              |
| May 27, 2022           | 0.30                     | 2.32   | 600,000                              | 450,000                              |
| June 26, 2023          | 0.05                     | 3.40   | 1,000,000                            | 625,000                              |
| November 6, 2023       | 0.05                     | 3.77   | 2,100,000                            | 1,050,000                            |
| December 13, 2023      | 0.05                     | 3.87   | 350,000                              | 175,000                              |
| November 1, 2024       | 0.05                     | 4.75   | 2,750,000                            | 687,500                              |
|                        | <b>0.16</b>              | <b>3.37</b>                                    | <b>8,480,000</b>                     | <b>4,667,500</b>                     |

## 5.6 OFF-BALANCE SHEET ARRANGEMENTS

A 3% net smelter return (“NSR”) is attached to each of three different claim blocks:

- four full patented mining (mineral and surface rights) claims known as the Lingman Lake Mine;
- 12 legacy Crown land claims known as Lingman Lake East/Anaconda claims; and
- 14 partially patented mining (mineral rights) claims known as the Lingside claims.

The Company can purchase one-half of the NSR of each claim block for \$1,500,000, collectively totaling \$4,500,000, for all three blocks at any time.

## 5.7 PROPOSED TRANSACTIONS

There are no proposed transactions at the date of this report.

## 5.8 RELATED PARTY TRANSACTIONS

Short-term management fees paid during the three months ended January 31, 2025 and 2024 relate to services



provided by the CEO, CFO and Corporate Secretary.

| Periods ended January 31, | 2025             | 2024             |
|---------------------------|------------------|------------------|
| Short-term wages          | \$ 77,909        | \$ 24,900        |
| Share-based payments      | 18,249           | 16,914           |
|                           | <b>\$ 96,158</b> | <b>\$ 41,814</b> |

As at January 31, 2025, the Company owes \$167,839 (October 31, 2024 - \$69,174) to executives of the Company for unpaid consulting fees and expenses. These amounts are included in accounts payable and accrued liabilities. They are unsecured, non-interest-bearing, and due on demand.

On January 2, 2025, the Company entered into a short-term loan agreement with a director of the Company in the amount of \$200,000. The loan is unsecured, non-interest bearing, and matures on April 30, 2025. Proceeds of the loan were used for general working capital purposes of the Company.

## 5.9 FINANCIAL INSTRUMENTS

### *Categories and fair value of financial instruments*

The Company's financial instruments consist of cash, investments, amounts receivable, and accounts payable and accrued liabilities. The carrying values of the Company's short-term financial assets and liabilities approximate their fair values due to their short periods to maturity.

The following table summarizes the categories and fair values of the Company's financial instruments:

| <b>At January 31, 2025</b>               |                |        |                |             |
|--|----------------|--------|----------------|-------------|
|  | Carrying Value |        |                | Fair Value  |
|  | FVTPL          | FVTOCI | Amortized Cost | Total       |
| Financial Assets and Liabilities         |                |        | \$             | \$          |
| Cash                                     | -              | -      | 30,327         | 30,327      |
| Investments                              | -              | -      | 5,750          | 5,750       |
| Amounts receivable                       | -              | -      | 88,189         | 88,189      |
| Accounts payable and accrued liabilities | -              | -      | (1,428,749)    | (1,428,749) |
| Loan Payable                             | -              | -      | (200,000)      | (200,000)   |

| <b>At October 31, 2024</b>               |                |        |                |             |
|--|----------------|--------|----------------|-------------|
|  | Carrying Value |        |                | Fair Value  |
|  | FVTPL          | FVTOCI | Amortized Cost | Total       |
| Financial Assets and Liabilities         |                |        | \$             | \$          |
| Cash                                     | -              | -      | 90,488         | 90,488      |
| Investments                              | -              | -      | 405,750        | 405,750     |
| Amounts receivable                       | -              | -      | 102,011        | 102,011     |
| Accounts payable and accrued liabilities | -              | -      | (1,253,847)    | (1,253,847) |



## 6.0 CRITICAL ESTIMATES

Significant assumptions about the future and other sources of estimation uncertainty that management has made during the reporting period could result in a material adjustment to the carrying amounts of assets and liabilities in the event that actual results differ from assumptions made. These critical estimates relate to i) exploration and evaluation expenditures, ii) income, value-added, withholding, and other tax-related estimates, iii) estimations of restoration, rehabilitation, and environment obligations, and iv) share-based payments.

A detailed description of Management's estimates can be found in note 3 – *Significant Accounting Policies* – in the Annual Financial Statements.

## 6.1 ACCOUNTING POLICIES

A detailed description of the accounting policies applied by the Company can be found in note 3 – *Significant Accounting Policies* – in the Interim Financial Statements.

### a) *New Accounting Standards*

IAS 1 – In February 2021, the IASB issued ‘Disclosure of Accounting Policies’ with amendments that are intended to help preparers in deciding which accounting policies to disclose in their financial statements. Presentation of Financial Statements (“IAS 1”) was amended in January 2020 to provide a more general approach to the classification of liabilities under IAS 1 based on the contractual arrangements in place at the reporting date. The amendments clarify that the classification of liabilities as current or noncurrent is based solely on a company’s right to defer settlement at the reporting date. The right needs to be unconditional and must have substance. The amendments also clarify that the transfer of a company’s own equity instruments is regarded as a settlement of liability, unless it results from the exercise of a conversion option meeting the definition of an equity instrument. The amendments are effective for annual periods beginning on or after January 1, 2024.

This amendment was adopted on November 1, 2024. The adoption of this standard did not have a material impact on the Company’s financial statements.

### b) *Standards issued and effective for annual periods beginning on or after November 1, 2025*

IFRS 9 and IFRS 7 – Classification and Measurement of Financial Instruments were amended. The amendment to IFRS 9, Financial Instruments (“IFRS 9”) and IFRS 7, Financial Instruments: Disclosures (“IFRS 7”) clarifies the date of recognition and derecognition of some financial assets and liabilities, such as using the settlement date as opposed to the trade date in the initial recognition or derecognition, including a new exception for certain financial liabilities settled through an electronic payment system before the settlement date. The amendments also aim to clarify and add further guidance for assessing whether a financial asset meets the solely payments of principal and interest (SPPI) criterion; and add new disclosures for certain instruments with contractual terms that can change cash flows (such as some instruments with features linked to the achievement of environment, social and governance (ESG) targets). IFRS 9 amends some of the requirements of IFRS 7 including adding disclosures about investments in equity instruments designated as at FVTOCI, disclosures on risk management activities and hedge accounting and disclosures on credit risk management and impairment. The amendments are effective for annual periods beginning on or after January 1, 2026 with earlier adoption permitted and perspective application is required.





IFRS 18 – Presentation and Disclosures in Financial Statements is a new standard on presentation and disclosure in financial statements which replaces IAS 1, with a focus on updates to the statement of profit or loss. IFRS 18 introduces new requirements to:

- present specified categories and defined subtotals in the statement of profit or loss
- provide disclosures on management-defined performance measures (MPMs) in the notes to the financial statements
- improve aggregation and disaggregation

An entity is required to apply IFRS 18 for annual reporting periods on or after January 1, 2027, with earlier adoption permitted. IFRS 18 requires retrospective application with specific transition provisions.

The Company is currently assessing the impact of these standards. The Company anticipates that the application of the above new and revised standards, amendments, and interpretations will have no material impact on its results and financial position.

## **7.0 RISKS AND UNCERTAINTIES**

The Company is in the business of acquiring and exploring natural resource properties in Canada. Due to the high-risk nature of the Company's proposed business and the present stage of exploration of its resource properties, which are at very early stages, the following risk factors, amongst others, may apply:

### Exploration Stage Company

The Company does not hold any known mineral reserves of any kind and does not generate any revenues from production. The Company's success depends largely upon its ability to locate commercially productive mineral reserves. Mineral exploration is highly speculative in nature, involves many risks and frequently is non-productive. There is no assurance that exploration efforts will be successful.

Success in establishing reserves is a result of several factors, including the quality of management, the level of geological and technical expertise, and the quality of property available for exploration. Once mineralization is discovered, it may take several years in the initial phases of drilling until production is possible, during which time the economic feasibility of production may change.

Substantial expenditures are required to establish proven and probable reserves through drilling and bulk sampling, to determine the optimal metallurgical process to extract the metals from the ore and, in the case of new properties, to construct mining and processing facilities. Because of these uncertainties, no assurance can be given that any future exploration programs will result in the establishment or expansion of resources or reserves.

### Exploration and Development Risks

The business of exploring for minerals and mining involves a high degree of risk. There are no assurance the Company's mineral exploration activities will be successful. Few properties that are explored are ultimately developed into producing mines. In exploring and developing any future mineral deposits, the Company could be subject to an array of complex economic factors and technical considerations. Delays in obtaining governmental approvals, inability to obtain financing or other factors could cause delays in exploring and developing properties. Such delays could materially adversely affect the financial performance of the Company.



Unusual or unexpected formations, formation pressures, power outages, labour disruptions, flooding, explosions, cave-ins, landslides, environmental hazards, the discharge of toxic chemicals and the inability to obtain suitable or adequate machinery, equipment or labour are other risks involved in the operation of mines and the conduct of exploration programs. The Company has limited experience in the development and operation of mines and in the construction of facilities required to bring mines into production. The Company has relied and may continue to rely upon consultants and others for operating expertise. Depending on the price of minerals produced, the Company may determine that it is impractical to commence or continue commercial production.

#### Permits and Licenses

The operations of the Company require licenses and permits from various governmental authorities. There can be no assurance that the Company will be able to obtain all necessary licenses and permits that may be required to carry out exploration, development, and mining operations at its projects, on reasonable terms or at all. Delay or failure to obtain such licenses and permits or failure to comply with the terms of any such licenses and permits that the Company does obtain, could have a material adverse effect on the Company.

#### Claim Title Matters

Often, the mining claims in which the Company could acquire an interest in have not been surveyed and, accordingly, the precise location of the boundaries of the claims and ownership of mineral rights on specific tracts of land comprising the claims may be in doubt. Such claims would not be converted to lease and tenure, and are, accordingly, subject to annual compliance with assessment work requirement. Other parties may dispute the Company's title to its mining properties. While the Company has diligently investigated title to all mineral claims and, to the best of its knowledge, title to all properties is in good standing; this should not be construed as a guarantee of title. The properties may be subject to prior unregistered agreements, first nation's land claim or transfers of land claims and titles which may be affected by undetected defects.

#### Environmental and Other Regulatory Requirements

Existing and possible future environmental legislation, regulations and actions could cause additional expense, capital expenditures, restrictions, and delays in the activities of the Company, the extent of which cannot be predicted. Before production can commence on any properties, the Company must obtain regulatory approval and there is no assurance that such approvals will be obtained. Although the Company believes its mineral and exploration activities are currently carried out in accordance with all applicable rules and regulations, no assurance can be given that new rules and regulations will not be enacted or that existing rules and regulations will not be applied in a manner which could limit or curtail production or development.

#### Operating Hazards including Insurance Risks

Mineral exploration involves many risks, which even a combination of experience, knowledge and careful evaluation may not be able to overcome. Operations in which the Company has a direct or indirect interest could be subject to all the hazards and risks normally incidental to exploration, development, and production of base metals, any of which could result in work stoppages, damage to property, and possible environmental damage. Although the Company currently holds certain insurance coverage, the nature of these risks is such that liabilities might exceed policy limits, the liabilities and hazards might not be insurable, or the Company might not elect to insure itself against such liabilities due to high premium costs or other reasons, in which event the Company could incur significant costs that could have a materially adverse effect upon its financial condition.



### Key Personnel

Attracting and retaining experienced senior officers are critical to Signature's success. Recruiting qualified personnel as the Company grows is also critical to its success. The number of persons skilled in the acquisition, exploration and development of mining properties is limited and competition for such persons, is intense. As the Company's business activity grows, so may the requirement for additional key financial, administrative, regulatory and mining personnel as well as additional operations staff. If the Company is unsuccessful in attracting and training qualified personnel, the efficiency of its operations could be affected, which could have an adverse impact on future cash flows, earnings, results of operations and the financial condition of the Company.

### Financing

To fund future exploration on its mining interests, the Company requires capital. Dependent on exploration success results, the Company may not have sufficient working capital and may have to access the capital markets. There is no assurance that such funding will be available to the Company, or that it may be obtained on terms favourable to the Company. Failure to obtain sufficient financing may result in delaying or indefinite postponement of exploration, development, or production on any or all of the Company's properties, or even a loss of property interests. The Company has no formal credit facilities at this time and given the Company's current stage of development, it is not expected that such credit facilities would be available to the Company.

### Competition

There is aggressive competition within the mining industry for the identification, evaluation and acquisition of properties considered to have commercial potential. The Company competes with other mineral exploration companies, many of which have greater financial resources than the Company, for the acquisition of mineral claims, leases, and other mineral interests as well as for the recruitment and retention of qualified employees and other personnel. The Company's inability to compete with other mineral exploration companies for these resources may have a material adverse effect on the Company's results of operations and business.

### Share Price Volatility

Similar to other mineral exploration companies, Signature's share price is subject to certain volatility which is not necessarily related to the operating performance, underlying asset values or prospects of the Company. The Company's share price may be influenced by external factors that are beyond the control of management. There can be no assurance that fluctuations in the Company's share price will not occur.

### Fluctuation of Metal Prices

The market price of precious metals and other minerals is volatile and cannot be controlled. If the price of precious metals and other minerals should drop significantly, the economic prospects of the projects which the Company has an interest in could be significantly reduced or rendered uneconomic. There is no assurance that, even if commercial quantities of ore are discovered, a profitable market may exist for the sale of same. Factors beyond the control of the Company may affect the marketability of any minerals discovered. The marketability of minerals is also affected by numerous other factors beyond the control of the Company, including government regulations relating to royalties, allowable production and importing and exporting of minerals, the effect of which cannot be accurately predicted.



### Community Relations

The Company's relationship with the local communities and First Nations ("Interested Parties") where it operates is critical to ensure the future success of its existing activities and the potential development and operations of its Lingman Lake project. Failure by the Company to maintain good relations with these Interested Parties could result in adverse claims and difficulties for the Company.

### **8.0 QUALIFIED PERSON**

The scientific and technical content presented in this MD&A has been prepared, reviewed, and approved by Mr. Walter Hanych, P. Geo., who is a Qualified Person under NI 43-101 regulations and is a consultant of the Company.



## **CORPORATE DIRECTORY**

### **DIRECTORS**

Paolo Lostritto, Director, Chairman of the Board  
Dan Denbow, Director  
Stephen Timms, Director, Chair of the Audit Committee  
Lisa Davis, Independent Director  
John Hayes, Independent Director  
Matthew Goodman, Independent Director

### **OFFICERS AND MANAGEMENT**

Dan Denbow, CEO  
Rebecca Hudson, CFO  
Sarah Morrison, Corporate Secretary

### **TECHNICAL COMMITTEE**

John Hayes, Chair of Committee  
Paolo Lostritto  
Walter Hanych

### **ADVISORY BOARD**

Dr. Scott Jobin-Bevans  
John Leliever

### **AUDITORS**

McGovern Hurley LLP  
Toronto, ON

### **LEGAL COUNSEL**

Weir Foulds LLP  
Toronto, ON

### **TRANSFER AGENT**

Odyssey Trust Company  
Toronto, ON

### **BANKER**

Bank of Montreal  
Toronto, ON

### **CORPORATE OFFICE**

372 Bay Street, 18<sup>th</sup> Floor  
Toronto, ON M5H 2W9

Additional information is available on SEDAR at  
[www.sedar.com](http://www.sedar.com) or  
<http://www.signatureresources.ca/>

### **SHAREHOLDER INFORMATION**

info@signatureresources.ca