UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 40-F

☐ Registration statement pursuant to Section 12 of the Securities Exchange Act of 1934

or

☑ Annual report pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934

For the fiscal year ended December 31, 2023

Commission File Number 001-37814

OSISKO GOLD ROYALTIES LTD (Exact name of registrant as specified in its charter)

Quebec, Canada (Province or Other Jurisdiction of Incorporation or Organization) 1040 (Primary Standard Industrial Classification Code)

(I.R.S. Employer Identification No.)

1100 avenue des Canadiens-de-Montréal Suite 300, Montreal, Québec H3B 2S2

(Address and telephone number of registrant's principal executive offices)

CT Corporation System 28 Liberty Street New York, New York 10005 (212) 590-9070

(Name, address (including zip code) and telephone number (including area code) of agent for service in the United States)

Securities registered pursuant to Section 12(b) of the Act:

Title of Each Class: Trading Symbol(s)
Common Shares, no par value
OR

Name of Each Exchange On Which
Registered:

New York Stock Exchange

Securities registered pursuant to Section 12(g) of the Act: None

Securities for which there is a reporting obligation pursuant to Section 15(d) of the Act: None

For annual reports, indicate by check mark the information filed with this form:

☑ Annual Information Form

■ Audited Annual Financial Statements

Indicate the number of outstanding shares of each of the registrant's classes of capital or common stock as of the close of the period covered by the annual report: 185,346,524

Indicate by check mark whether the Registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Exchange Act during the preceding 12 months (or for such shorter period that the Registrant was required to file such reports); and (2) has been subject to such filing requirements for the past 90 days.

⊠ Yes □ No

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files).

⊠ Yes □ No

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 12b-2 of the Exchange Act.

Emerging growth company \square

X

If an emerging growth company that prepares its financial statements in accordance with U.S. GAAP, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant has filed a report on and attestation to its management's assessment of the effectiveness of its internal control over financial reporting under Section 404(b) of the Sarbanes-Oxley Act (15 U.S.C. 7262(b)) by the registered public accounting firm that prepared or issued its audit report.

If securities are registered pursuant to Section 12(b) of the Act, indicate by check mark whether the financial statements of the registrant included in the filing reflect the correction of an error to previously issued financial statements.

Indicate by check mark whether any of those error corrections are restatements that required a recovery analysis of incentive-based compensation received by any of the registrant's executive officers during the relevant recovery period pursuant to §240.10D-1(b).

FORWARD LOOKING STATEMENTS

Certain statements contained in this Annual Report on Form 40-F may be deemed "forward-looking statements" within the meaning of the United States Private Securities Litigation Reform Act of 1995 and "forward-looking information" within the meaning of applicable Canadian securities legislation (collectively, the "forward-looking statements"). Any statement that involves, without limitation, predictions, expectations, interpretations, beliefs, plans, projections, objectives, assumptions, future events, production estimates (including increase of production) of the Registrant's assets (including any estimate of gold equivalent ounces to be received for any future period), timely developments of mining properties over which the Registrant has royalties, streams, offtakes and investments, management's expectations regarding the Registrant growth, results of operations, estimated future revenues, production costs, carrying value of assets, ability to continue to pay dividends, requirements for additional capital, business prospects and opportunities future demand for and fluctuation of prices of commodities (including outlook on gold, silver, diamonds, other commodities), currency markets and general market conditions. In addition, statements and estimates (including data in tables) relating to mineral reserves and resources and gold equivalent ounces are forward-looking statements, as they involve implied assessment, based on certain estimates and assumptions, and no assurance can be given that the estimates will be realized. Statements that are not historical facts and which are generally, but not always, identified by words such as "expects", or "does not expect", "is expected", "interpreted", "management's view", "anticipates" or "does not anticipate", "plans", "budget", "scheduled", "forecasts", "estimates", "potential", "feasibility", "believes" or "intends" "expects", "plans", "anticipates", "believes", "intends", "estimates", "projects", "potential", "scheduled" and similar expressions or or variations of such words and phrases or stating that certain actions, events or results "may" or "could", "would", "might" or "will" be taken to occur or be achieved) are not statements of historical fact and may be forward-looking statements and are intended to identify forward-looking information. This Annual Report on Form 40-F contains the forward-looking information pertaining to, among other things: the performance of the assets of the Registrant, any estimate of gold equivalent ounces to be received, the realization of the anticipated benefits deriving from the Registrant's investments and transactions, the actual results of exploration and development activities and the Registrant's ability to seize future opportunities. Although the Registrant believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements involve known and unknown risks, uncertainties and other factors and are not guarantees of future performance and actual results may accordingly differ materially from those in forward-looking statements. Factors that could cause the actual results to differ materially from those in forward-looking statements include, without limitation: (i) with respect to properties in which the Registrant holds a royalty, stream or other interest; risks related to: (a) the operators of the properties, (b) timely development, permitting, construction, commencement of production, ramp-up (including operating and technical challenges), (c) differences in rate and timing of production from resource estimates or production forecasts by operators, (d) differences in conversion rate from resources to reserves and ability to replace resources, (e) the unfavorable outcome of any challenges or litigation relating title, permit or license, (f) hazards and uncertainty associated with the business of exploring, development and mining including, but not limited to unusual or unexpected geological and metallurgical conditions, slope failures or cave-ins, flooding and other natural disasters or civil unrest or other uninsured risks; (ii) with respect to external factors: (a) fluctuations in the prices of the commodities that drive royalties, streams, offtakes and investments held by the Registrant, (b) fluctuations in the value of the Canadian dollar relative to the U.S. dollar, (c) regulatory changes by national and local governments, including permitting and licensing regimes and taxation policies; regulations and political or economic developments in any of the countries where properties in which the Registrant holds a royalty, stream or other interest are located or through which they are held, (d) continued availability of capital and financing and general economic, market or business conditions, and (e) responses of relevant governments to any health epidemic, pandemic and other outbreak of infectious disease and the effectiveness of such response and the potential impact of any health epidemic, pandemic and other outbreak of infectious disease on the Registrant's business, operations and financial condition; and (iii) with respect to internal factors: (a) business opportunities that may or not become available to, or are pursued by the Registrant or (b) the integration of acquired assets. The forward-looking statements

contained in this Annual Report on Form 40-F are based upon assumptions management believes to be reasonable, including, without limitation: (I) the absence of significant change in the Corporation's ongoing income and assets relating to determination of its "passive foreign investment company" status ("PFIC") as defined in Section 1297 of the United States Internal Revenue Code of 1986, as amended, (II) the absence of any other factors that could cause actions, events or results to differ from those anticipated, estimated or intended and, with respect to properties in which the Registrant holds a royalty, stream or other interest, (III) the ongoing operation of the properties by the owners or operators of such properties in a manner consistent with past practice and with public disclosure (including forecast of production), (IV) the accuracy of public statements and disclosures made by the owners or operators of such underlying properties (including expectations for the development of underlying properties that are not yet in production), (V) no adverse development in respect of any significant property, (VI) that statements and estimates relating to mineral reserves and resources by owners and operators are accurate and (VII) the implementation of an adequate plan for integration of acquired assets.

Certain of the forward-looking statements and other information contained herein concerning the mining industry and the Registrant's general expectations concerning the mining industry are based on estimates prepared by the Registrant using data from publicly available industry sources as well as from market research and industry analysis and on assumptions based on data and knowledge of this industry which the Registrant believes to be reasonable. However, although generally indicative of relative market positions, market shares and performance characteristics, this data is inherently imprecise. While the Registrant is not aware of any misstatement regarding any industry data presented herein, the mining industry involves risks and uncertainties that are subject to change based on various factors.

Although the Registrant has attempted to identify important factors that could cause actual plans, actions, events or results to differ materially from those described in forward-looking statements, there may be other factors that cause plans, actions, events or results not to be as anticipated, estimated or intended. There can be no assurance that forward-looking statements will prove to be accurate, as actual plans, results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements. the Registrant undertakes no obligation to update any of the forward-looking statements in this Annual Report on Form 40-F, except as required by law. Unless otherwise indicated, these statements are made as of the date of this Annual Report on Form 40-F.

DIFFERENCES IN UNITED STATES AND CANADIAN REPORTING PRACTICES

The Registrant is permitted, under a multijurisdictional disclosure system adopted by the United States, to prepare this report in accordance with Canadian disclosure requirements, which are different from those of the United States. The Registrant prepares its financial statements, which are filed with this Form 40-F in accordance with IFRS Accounting Standards as issued by the International Accounting Standards Board, and the audit is subject to auditing and independence standards in accordance with the rules and regulations of the U.S. Securities and Exchange Commission (the "Commission") and Public Company Accounting Oversight Board.

The Registrant is subject to the reporting requirements of the applicable Canadian securities laws, and as a result reports information regarding mineral properties, mineralization and estimates of mineral reserves and mineral resources in accordance Canadian reporting requirements, which are governed by Canadian National Instrument 43-101 Standards of Disclosure for Mineral Projects. As such, the information incorporated by reference in this Form 40-F concerning mineral properties, mineralization and estimates of mineral reserves and mineral resources is not comparable to similar information made public by U.S. companies subject to the reporting and disclosure requirements of the Commission.

INCORPORATED DOCUMENTS

Annual Information Form

The Registrant's Annual Information Form ("AIF") is filed as Exhibit 99.1 to this Form 40-F.

Audited Annual Financial Statements

The Registrant's consolidated financial statements and independent registered public accounting firm's report (PCAOB ID No. 271) thereon are filed as <u>Exhibit</u> 99.2 to this Form 40-F.

Management's Discussion and Analysis

The Registrant's management's discussion and analysis ("MD&A") is filed as <u>Exhibit 99.3</u> to this Form 40-F.

DISCLOSURE CONTROLS AND PROCEDURES

The information relating to the Registrant's disclosure controls and procedures is included under the heading "Disclosure Controls and Procedures and Internal Control Over Financial Reporting - Disclosure Controls and Procedures" in the MD&A, which is filed as Exhibit 99.3 hereto and incorporated by reference herein.

MANAGEMENT'S ANNUAL REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING

The required report is included under the heading "Disclosure Controls and Procedures and Internal Control Over Financial Reporting - Internal Control over Financial Reporting" in the MD&A, which is filed as Exhibit 99.3 hereto and incorporated by reference herein, and under the heading "Management's Report on Internal Control over Financial Reporting" in the Registrant's consolidated financial statements and independent registered public accounting firm's report thereon, which are filed as Exhibit 99.2 hereto and incorporated by reference herein.

ATTESTATION REPORT OF THE INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The required report is included under the heading "Report of Independent Registered Public Accounting Firm" in the Registrant's consolidated financial statements and independent registered public accounting firm's report thereon, which are filed as Exhibit 99.2 hereto and incorporated by reference herein.

CHANGES IN INTERNAL CONTROLS OVER FINANCIAL REPORTING

The required disclosure is included under the heading "Disclosure Controls and Procedures and Internal Control Over Financial Reporting - Internal Control over Financial Reporting" in the MD&A, which is filed as Exhibit 99.3 hereto and incorporated by reference herein.

NOTICES PURSUANT TO REGULATION BTR

The Registrant was not required by Rule 104 of Regulation BTR to send any notices to any of its directors or executive officers during the fiscal year ended December 31, 2023.

AUDIT COMMITTEE FINANCIAL EXPERT

The required disclosure is included under the heading "Audit and Risk Committee - Audit and Risk Committee Members" in the AIF, which is filed as Exhibit 99.1 hereto and incorporated by reference herein.

CODE OF ETHICS

The Registrant has adopted a written Code of Ethics (the "Code") that is applicable to all employees, contractors, consultants, officers and directors of the Registrant.

All amendments to the Code, and all waivers of the Code with respect to any of the senior officers covered by it, which waiver may be made only by the Board of Directors in respect of senior officers, will be disclosed as required. The Registrant's Code is located on its website at http://osiskogr.com/en/governance-2/policies/. Information contained in or otherwise accessible through the Registrant's website does not form part of this Form 40-F, and is not incorporated into this Form 40-F by reference.

PRINCIPAL ACCOUNTANT FEES AND SERVICES

The fees paid to the independent registered public accounting firm are included under the heading "Audit and Risk Committee - External Auditor Service Fees" in the AIF, which is filed as Exhibit 99.1 hereto and incorporated by reference herein.

The Registrant's audit and risk committee has adopted a pre-approval policy. The information relating to the Audit and Risk Committee's pre-approval policies and procedures is included under the heading "Audit and Risk Committee - Pre-Approval Policies and Procedures" in the 2023 AIF, which is filed as Exhibit 99.1 and is hereby incorporated by reference herein.

IDENTIFICATION OF THE AUDIT AND RISK COMMITTEE

The Registrant's Board of Directors has a separately designated standing Audit and Risk Committee established in accordance with section 3(a)(58)(A) of the Exchange Act. The required disclosure is included under the headings "Audit and Risk Committee - Audit and Risk Committee Members" in the AIF, which is filed as Exhibit 99.1 hereto and incorporated by reference herein.

CORPORATE GOVERNANCE

The Registrant's common shares are listed on the Toronto Stock Exchange ("TSX") and the New York Stock Exchange ("NYSE") and the Registrant complies with the corporate governance requirements of the TSX and NYSE, as they relate to the Registrant. As a foreign private issuer, the Registrant is permitted, by the NYSE, not to comply with certain of the NYSE's corporate governance rules. A description of the significant ways in which the Registrant's governance practices differ from those followed by domestic companies pursuant to NYSE standards can be found on the Registrant's website at https://osiskogr.com/en/governance-2/osisko-practices-and-nyse-rules/. Information contained in or otherwise accessible through the Registrant's website does not form part of this Form 40-F, and is not incorporated into this Form 40-F by reference.

UNDERTAKINGS

The Registrant undertakes to make available, in person or by telephone, representatives to respond to inquiries made by the Commission staff, and to furnish promptly, when requested to do so by the Commission staff, information relating to: the securities registered pursuant to this Form 40-F; the securities in relation to which the obligation to file an annual report on Form 40-F arises; or transactions in said securities.

CONSENT TO SERVICE OF PROCESS

The Registrant has previously filed with the Commission a written irrevocable consent and power of attorney on Form F-X. Any change to the name or address of the Registrant's agent for service shall be communicated promptly to the Commission by amendment to the Form F-X referencing the file number of the Registrant.

SIGNATURES

Pursuant to the requirements of the Exchange Act, the Registrant certifies that it meets all of the requirements for filing on Form 40-F and has duly caused this annual report to be signed on its behalf by the undersigned, thereunto duly authorized.

OSISKO GOLD ROYALTIES LTD

Name: Frédéric Ruel

Title: Chief Financial Officer and Vice

President, Finance

Date: March 28, 2024

EXHIBIT INDEX

The following documents are being filed with the Commission as exhibits to this annual report on Form 40-F.

Exhibits Documents

97.	Osisko Gold Royalties Ltd Policy on Recovery of Incentive Compensation
99.1	Annual Information Form for the fiscal year ended December 31, 2023
99.2	Consolidated Financial Statements for the years ended December 31, 2023 and 2012 and independent registered public accounting firm's report thereon
99.3	Management's Discussion and Analysis for the year ended December 31, 2023
99.4	Certifications of Chief Executive Officer pursuant to Rule 13a-14 or 15d-14 of the Securities Exchange Act of 1934
99.5	Certifications of Chief Financial Officer pursuant to Rule 13a-14 or 15d-14 of the Securities Exchange Act of 1934
99.6	Certifications of Chief Executive Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
99.7	Certifications of Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
99.8	Consent of PricewaterhouseCoopers LLP
99.9	Consent of Guy Desharnais, Ph.D., P.Geo
101	Interactive Data File
101.INS	Inline XBRL Instance Document–the instance document does not appear in the Interactive Data File as its XBRL tags are embedded within the Inline XBRL document
101.SCH	XBRL Taxonomy Extension Schema Document
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document
101.DEF	XBRL Taxonomy Definition Linkbase Document
101.LAB	XBRL Taxonomy Extension Label Linkbase Document
101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document
104	Cover Page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101)

CERTIFICATIONS

- I, Jason Attew, certify that:
- 1. I have reviewed this annual report on Form 40-F of Osisko Gold Royalties Ltd;
- 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the issuer as of, and for, the periods presented in this report;
- 4. The issuer's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the issuer and have:
- a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the issuer, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
- b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
- c) Evaluated the effectiveness of the issuer's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
- d) Disclosed in this report any change in the issuer's internal control over financial reporting that occurred during the period covered by the annual report that has materially affected, or is reasonably likely to materially affect, the issuer's internal control over financial reporting; and
- 5. The issuer's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the issuer's auditors and the audit committee of the issuer's board of directors (or persons performing the equivalent functions):
- a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the issuer's ability to record, process, summarize and report financial information; and
- b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the issuer's internal control over financial reporting.

Date: March 28, 2024

By: <u>/s/ Jason Attew</u>

Jason Attew

President and Chief Executive Officer

CERTIFICATIONS

- I, Frédéric Ruel, certify that:
- 1. I have reviewed this annual report on Form 40-F of Osisko Gold Royalties Ltd;
- 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the issuer as of, and for, the periods presented in this report;
- 4. The issuer's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the issuer and have:
- a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the issuer, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
- b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
- c) Evaluated the effectiveness of the issuer's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
- d) Disclosed in this report any change in the issuer's internal control over financial reporting that occurred during the period covered by the annual report that has materially affected, or is reasonably likely to materially affect, the issuer's internal control over financial reporting; and
- 5. The issuer's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the issuer's auditors and the audit committee of the issuer's board of directors (or persons performing the equivalent functions):
- a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the issuer's ability to record, process, summarize and report financial information; and
- b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the issuer's internal control over financial reporting.

Date: March 28, 2024 By: /s/ Frédéric Ruel

Frédéric Ruel Chief Financial Officer and Vice President, Finance

CERTIFICATION PURSUANT TO 18 U.S.C. §1350, AS ADOPTED PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the annual report of Osisko Gold Royalties Ltd (the "Company") on Form 40-F for the fiscal year ended December 31, 2023 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Sandeep Singh, President and Chief Executive Officer of the Company, certify, pursuant to 18 U.S.C. §1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in this Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: March 28, 2024

By: <u>/s/ Jason Attew</u>

Jason Attew

President and Chief Executive Officer

CERTIFICATION PURSUANT TO 18 U.S.C. §1350, AS ADOPTED PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the annual report of Osisko Gold Royalties Ltd (the "Company") on Form 40-F for the fiscal year ended December 31, 2023 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Frédéric Ruel, Chief Financial Officer and Vice President, Finance of the Company, certify, pursuant to 18 U.S.C. §1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in this Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: March 28, 2024

By: /s/ Frédéric Ruel

Frédéric Ruel Chief Financial Officer and Vice President Finance



Consent of Independent Registered Public Accounting Firm

We hereby consent to the incorporation by reference in this Annual Report on Form 40-F for the year ended December 31, 2023 of Osisko Gold Royalties Ltd of our report dated February 20, 2024, relating to the consolidated financial statements and the effectiveness of internal control over financial reporting, which appears in Exhibit 99.2 incorporated by reference in this Annual Report on Form 40-F.

We also consent to the incorporation by reference in the Registration Statement on Form F-10 (No. 333-273492) of Osisko Gold Royalties Ltd of our report dated February 20,2024 referred to above. We also consent to reference to us under the heading "Interests of Experts" in the Annual Information Form, filed as Exhibit 99.1 to this Annual Report on Form 40-F, which is incorporated by reference in such Registration Statement.

/s/PricewaterhouseCoopers LLP

Montréal, Canada March 28, 2024

PricewaterhouseCoopers LLP 1250 René-Lévesque Boulevard West, Suite 2500, Montréal, Quebec, Canada H3B 4Y1 T: +1 514 205 5000, F: +1 514 876 1502, ca montreal main fax@pwc.com

"PwC" refers to PricewaterhouseCoopers LLP, an Ontario limited liability partnership.

CONSENT OF EXPERT

In connection with the Annual Report on Form 40-F of Osisko Gold Royalties Ltd filed with the United States Securities and Exchange Commission (the "Form 40-F"), I, Guy Desharnais, Ph.D., P.Geo, hereby consent to the use of my name in connection with the reference to certain scientific and technical information as set out in the Annual Information Form for the fiscal year ended December 31, 2023 filed as an exhibit to the Form 40-F.

By: /s/ Guy Desharnais

Name: Guy Desharnais, Ph.D., P.Geo

March 28, 2024