

OSISKO ANNOUNCES FILING OF PRELIMINARY SHORT FORM PROSPECTUS IN CONNECTION WITH PRIVATE PLACEMENT OF SPECIAL WARRANT

NOT FOR DISTRIBUTION TO UNITED STATES NEWS WIRE SERVICES OR FOR DISSEMINATION TO UNITED STATES

(Montréal, February 19, 2015) Osisko Gold Royalties Ltd (OR:TSX) ("Osisko") announces that it has filed a preliminary short form prospectus in each of the provinces of Canada and obtained a receipt from the Autorité des marchés financiers to qualify the distribution of 10,960,000 units of Osisko ("Units"), and the common shares and warrants underlying such Units, issuable for no additional consideration upon exercise or deemed exercise of 10,960,000 special warrants of Osisko (the "Special Warrants"). The Special Warrants were issued pursuant to the previously announced bought deal private placement of Special Warrants at a price of C\$18.25 per Special Warrant, representing aggregate gross proceeds of C\$200,020,000.

Copies of the preliminary short form prospectus and documents incorporated therein can be obtained on request from the Secretary of Osisko Gold Royalties Ltd by sending a written request to 1100 avenue des Canadiens-de-Montréal, Suite 300, P.O. Box 211, Montréal, Québec, Canada, H3B 2S2 (Telephone: (514) 940-0670), and are available electronically under Osisko's issuer profile on SEDAR at www.sedar.com.

About Osisko Gold Royalties Ltd

Osisko is an intermediate mining royalty and exploration company with two world-class gold royalty assets. These two cornerstone assets are a 5% net smelter return ("NSR") royalty on the world-class Canadian Malartic gold mine, located in Malartic, Québec, and a 2.0-3.5% NSR on the Éléonore gold mine, located in James Bay, Québec. Osisko also holds a 2% NSR royalty on the Upper Beaver, Kirkland Lake and Hammond Reef gold exploration projects in Northern Ontario.

Osisko's head office is located at 1100 Avenue des Canadiens-de-Montréal, Suite 300, Montréal, Québec, H3B 2S2.

Forward-looking statements

This press release contains certain forward-looking statements with respect to Osisko. These forward-looking statements, by their nature, require Osisko to make certain assumptions and necessarily involve known and unknown risks and uncertainties that could cause actual results to differ materially from those expressed or implied in these forward-looking statements. Forward-looking statements are not guarantees of performance. In this press release, these forward-looking statements include information about current expectations of Osisko with respect to qualifying the distribution of the Units and the common shares and warrants underlying such Units, the timing and ability of Osisko to obtain a receipt for a final short form prospectus, the timing for qualifying the Units and the common shares and warrants underlying such Units, the expected use of proceeds of the offering, and Osisko's business operations, business strategy and financial condition. Words such as "may", "will", "would", "could", "expect", "believe", "plan", "anticipate", "intend", "estimate", "continue", or the negative or comparable terminology, as well as terms usually used in the future and the conditional, are intended to identify forward-looking statements. Information contained in forward-looking statements is based upon certain material assumptions that were applied in drawing a conclusion or making a forecast or projection, including the ability of Osisko to successfully qualify the Units and the common shares and warrants underlying such Units, to ability and timing of Osisko to obtain regulatory approvals, management's perceptions of historical trends, current conditions and expected future developments, as well as other considerations that are believed to be

appropriate in the circumstances. Osisko considers its assumptions to be reasonable based on information currently available, but cautions the reader that its assumptions regarding future events, many of which are beyond the control of Osisko, may ultimately prove to be incorrect since they are subject to risks and uncertainties that affect Osisko and its business.

For additional information with respect to these and other factors and assumptions underlying the forward-looking statements made in this press release, see the section entitled "Risk Factors" (beginning on page 20) in the Annual Information Form of Osisko for the year ended December 31, 2014, and the section entitled "Risks and Uncertainties" (beginning on page 18) in the Management's Discussion and Analysis of Osisko for the year ended December 31, 2014, which are filed with the Canadian securities commissions and available electronically under Osisko's issuer profile on SEDAR at www.sedar.com. The forward-looking information set forth herein reflects Osisko's expectations as at the date of this press release and is subject to change after such date. Osisko disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, other than as required by law.

For further information please contact:

John Burzynski Senior Vice President, New Business Development Tel. (416) 363-8653 jburzynski@osiskogr.com