

NEWS RELEASE

NR: 23-04 | February 15, 2023

Skeena Announces New Vice President & Congratulates Freda Campbell on Trailblazer Award

Vancouver, BC (February 15, 2023) Skeena Resources Limited (TSX: SKE, NYSE: SKE) ("Skeena" or the "Company") is pleased to welcome Scott Fulton as the Company's new Vice President ("VP") of Construction & Engineering. Mr. Fulton has over 15 years of experience with mine development and was most recently the VP of Project Development with NorZinc at the Prairie Creek Zinc, Lead, Silver Mine in the Northwest Territories, Canada. Prior to NorZinc, Scott worked for consultancies Wood, Hatch, and Hemmera.

The Company's President & CEO, Randy Reichert, commented "We are excited to have Scott join the Skeena Team. His proven experience and expertise will be critical as we continue to advance the Eskay Creek Project through engineering and into construction."

Skeena is also excited to announce that Freda Campbell, Skeena's Director of Community Relations, has been awarded the 2023 Indigenous Trailblazer Award by Women in Mining Canada. For over 25 years, Freda has worked in the mining sector for both industry and First Nations. She embodies the present and future of the mining industry through her dedication to innovation in Indigenous community engagement and mentoring the next generation of Indigenous trailblazers.

Justin Himmelright, the Company's SVP of External Affairs & Sustainability remarked "We are very pleased that Freda is being recognized for the significant contribution she has made to communities and our industry over her career. Freda's work in training and education for Indigenous people in mining has created positive outcomes for many individuals during the last 25 years. She is truly a trailblazer in our industry and very deserving of this award."

About Skeena

Skeena Resources Limited is a Canadian mining exploration and development company focused on revitalizing the past-producing Eskay Creek gold-silver mine located in Tahltan Territory in the Golden Triangle of northwest British Columbia, Canada. The Company released a Feasibility Study for Eskay Creek in September 2022 which highlights an after-tax NPV5% of C\$1.4B, 50% IRR, and a 1-year payback at US\$1,700/oz Au and US\$19/oz Ag.

On behalf of the Board of Directors of Skeena Resources Limited,

Walter Coles Jr. Executive Chairman

Randy Reichert President & CEO

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Qualified Persons

In accordance with National Instrument 43-101 Standards of Disclosure for Mineral Projects, Paul Geddes, P.Geo., Senior Vice President, Exploration & Resource Development, is the Qualified Person for the Company and has prepared, validated, and approved the technical and scientific content of this news release. The Company strictly adheres to CIM Best Practices Guidelines in conducting, documenting, and reporting the exploration activities on its projects.

Cautionary note regarding forward-looking statements

Certain statements and information contained or incorporated by reference in this news release constitute "forward-looking information" and "forward-looking statements" within the meaning of applicable Canadian and United States securities legislation (collectively, "forward-looking statements"). These statements relate to future events or our future performance. The use of words such as "anticipates", "believes", "proposes", "contemplates", "generates", "targets", "is projected", "is planned", "considers", "estimates", "expects", "is expected", "potential" and similar expressions, or statements that certain actions, events or results "may", "might", "will", "could", or "would" be taken, achieved, or occur, may identify forwardlooking statements. All statements other than statements of historical fact are forward-looking statements. Specific forwardlooking statements contained herein include, but are not limited to, statements regarding the results of the Feasibility Study, processing capacity of the mine, anticipated mine life, probable reserves, estimated project capital and operating costs, sustaining costs, results of test work and studies, planned environmental assessments, the future price of metals, metal concentrate, and future exploration and development. Such forward-looking statements are based on material factors and/or assumptions which include, but are not limited to, the estimation of mineral resources and reserves, the realization of resource and reserve estimates, metal prices, taxation, the estimation, timing and amount of future exploration and development, capital and operating costs, the availability of financing, the receipt of regulatory approvals. environmental risks, title disputes and the assumptions set forth herein and in the Company's MD&A for the year ended December 31, 2021, its most recently filed interim MD&A, and the Company's Annual Information Form ("AIF") dated March 31, 2022. Such forward-looking statements represent the Company's management expectations, estimates and projections regarding future events or circumstances on the date the statements are made, and are necessarily based on several estimates and assumptions that, while considered reasonable by the Company as of the date hereof, are not quarantees of future performance. Actual events and results may differ materially from those described herein, and are subject to significant operational, business, economic, and regulatory risks and uncertainties. The risks and uncertainties that may affect the forward-looking statements in this news release include, among others: the inherent risks involved in exploration and development of mineral properties, including permitting and other government approvals; changes in economic conditions, including changes in the price of gold and other key variables; changes in mine plans and other factors, including accidents, equipment breakdown, bad weather and other project execution delays, many of which are beyond the control of the Company; environmental risks and unanticipated reclamation expenses; and other risk factors identified in the Company's MD&A for the year ended December 31, 2021, its most recently filed interim MD&A, the AIF dated March 31, 2022, the Company's short form base shelf prospectus dated January 31, 2023, and in the Company's other periodic filings with securities and regulatory authorities in Canada and the United States that are available on SEDAR at www.sedar.com or on EDGAR at www.sec.gov.

Readers should not place undue reliance on such forward-looking statements. Any forward-looking statement speaks only as of the date on which it is made and the Company does not undertake any obligations to update and/or revise any forward-looking statements except as required by applicable securities laws.

