



Archer Exploration Forms Technical Advisory Committee and Appoints Inaugural Members

VANCOUVER, BC, December 8, 2022 – Archer Exploration Corp. (CSE: **RCHR**) (the “**Company**” or “**Archer**”) is pleased to announce the formation of its Technical Advisory Committee. The purpose of the Technical Advisory Committee is to generate and offer useful and insightful ideas to, and act as an important, accessible resource for the Company’s management team to draw upon towards the goal of more efficient and successful exploration programs and special technical projects. The founding members are Neil O’Brien, Steve Beach, Brian Booth, Alan King and Michael Leshar (see biographies below).

Tom Meyer, Archer’s President and Chief Executive Officer, commented: *“We are extremely excited to have assembled a Technical Advisory Committee with such a wide breadth of experience and expertise in exploration, development, and production across several commodities, geological systems, and in numerous regions of the world. The Technical Advisory Committee will be a tremendous asset to Archer, enabling us to leverage the extensive knowledge of these industry leaders as we move forward with resource expansion of the Grasset nickel deposit and advanced exploration of our Sudbury portfolio.”*

In connection with the formation of the Technical Advisory Committee, Archer is pleased to announce the appointments of its five inaugural members.

Dr. Neil O’Brien (Chair)

Dr. O’Brien is a consulting economic geologist and former mining executive who holds a Queen’s University PhD in Geological Sciences and has over three decades of industry service with expertise in base metal exploration, including magmatic nickel-copper-platinum group element (“Ni-Cu-PGE”) sulphide deposits. He has international experience on 6 continents, in all stages of mineral exploration and development of economic mineral resource projects, mining project evaluation and strategic corporate development activities. Dr. O’Brien retired in 2018 from Lundin Mining Corporation as Senior Vice President, Exploration & New Business Development. He has participated in many economic mineral discoveries, including the Eagle East Ni-Cu-PGE deposit currently being mined by Lundin Mining. Since 2018, Dr. O’Brien has been President of MOAR Consulting Inc and a public company director, including for NGEx Minerals, a Lundin Group company.

Steve Beach

Mr. Beach is a professional geologist with over 20 years of experience in geology and mineral exploration, including international experience in a wide range of deposit types and commodities over the full spectrum of project development stages. He holds an MSc in Geology from the Colorado School of Mines and had a long tenure as an exploration geologist for Rio Tinto, including regional exploration for Ni-Cu-PGE deposits in Michigan, Minnesota and Ontario. As Principal Geologist at Lundin Mining’s Eagle Mine, Mr. Beach led the target generative and technical aspects of the exploration program that resulted in the discovery of the high-grade Eagle East Ni-Cu-PGE massive sulphide deposit, now being mined. Mr. Beach is currently Director of Exploration for Lundin Mining.

Brian Booth

Mr. Booth is an experienced mining executive, who brings over 40 years of experience across the mineral exploration and mining sectors with major and junior mining companies. During his career, Mr. Booth has held various CEO roles where he was responsible for developing and executing high-level growth strategies across the mining lifecycle, implementing, and progressing key ESG objectives and securing ongoing funding requirements through the capital markets. Prior to this, Mr. Booth held various exploration management positions at Inco Limited over a 23-year career, including Manager of Exploration - North America and Europe, Manager of Global Nickel Exploration and Managing Director PT Ingold for Australasia. He is credited with the discovery of the Douay West gold deposit in Québec, conducted the preliminary assessment of the Voisey's Bay Ni-Cu-Co discovery for Inco, and was involved, through a joint venture with Highlands Gold, in the discovery of the Beutong copper porphyry in Sumatra.

Alan King

Mr. King has over 40 years of experience in geophysics, mineral exploration and resource development in Canada and internationally. While with INCO/Vale, he served as a senior geophysicist and then as Manager of Geophysics with responsibility for their global exploration programs that included extensive experience in exploration target development for Ni-Cu-PGE deposits. Mr. King has worked on geophysical applications for base metals, iron, manganese, coal and other commodities as well as target generation using regional and global data sets. Mr. King's professional interests include the use of geophysics, new technology and ideas, and data integration in exploration, mining, environmental, geotechnical and other applications. Mr. King received a B.Sc. in Geology and Physics from the University of Toronto and an M.Sc. in Geophysics from Macquarie University. Mr. King is currently working as a consultant through his own company, Geoscience North.

Dr. Michael Lesher

Dr. Michael Lesher is Professor Emeritus of Economic Geology in the Mineral Exploration Research Centre (MERC), Harquail School of Earth Sciences, and Goodman School of Mines at Laurentian University. Dr. Lesher was Research Chair in Mineral Exploration, Founding Director of MERC, and as Director of Mining Initiatives designed and founded the Laurentian School of Mines (now Goodman School of Mines). Dr. Lesher has worked on Ni-Cu-PGE deposits in Brazil, China, Manitoba, Ontario, Québec, Russia, and Western Australia; Cr deposits in northern Ontario; the geochemistry of felsic volcanic rocks associated with VMS systems; Au deposits in Ontario, Western Australia, and the southern Appalachians; and Fe deposits in Labrador-Québec. Dr. Lesher was the Principal Investigator and Director of the \$15M NSERC-CMIC-funded Mineral Exploration Footprints project and is currently a Co-Investigator on the \$100M Canada First Research Excellence Fund Metal Earth project.

About Archer

Archer is a Ni-Cu-Co-PGE focused exploration and development company headquartered in Vancouver, Canada. The Company's flagship and core asset is the Grasset Project, located within the Abitibi greenstone belt approximately 55 kilometres west-northwest of Matagami Quebec. In addition, the Company holds an extensive portfolio of 37 properties comprised of 309 square kilometres in the world-class mining district of Sudbury. The Company's growth strategy is focused on the exploration and development of its nickel sulphide properties within its portfolio, as well as other battery metal assets it may acquire that fit its strategic criteria. Archer's vision is to be a responsible nickel sulphide developer in

stable pro-mining jurisdictions. Archer is committed to socially responsible exploration and development, working safely, ethically, and with integrity.

Archer is backed by Inventa Capital Corp., a Vancouver-based merchant bank founded in 2017 with the goal of discovering and funding opportunities in the resource sector. The common shares of Archer are listed on the CSE (symbol RCHR). Additional information about the Company is available on SEDAR (www.sedar.com) and on the Company's website (www.archerexploration.com).

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Cautionary Note Regarding Forward-Looking Statements

Neither the CSE nor its Market Regulator (as that term is defined in policies of the CSE) accepts responsibility for the adequacy or accuracy of this release.

The information contained herein contains "forward-looking statements" within the meaning of applicable securities legislation. "Forward-looking information" includes, but is not limited to, statements with respect to the activities, events or developments that Archer expects or anticipates will or may occur in the future. Generally, but not always, forward-looking information and statements can be identified by the use of words such as "plans", "expects", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates", or "believes" or the negative connotation thereof or variations of such words and phrases or statements that certain actions, events or results "may", "could", "would", "might" or "will be taken", "occur" or "be achieved" or the negative connotation thereof.

Such forward-looking information and statements are based on numerous assumptions, including among others, that the results of planned exploration activities are as anticipated, the anticipated cost of planned exploration activities, that general business and economic conditions will not change in a material adverse manner, that financing will be available if and when needed and on reasonable terms, that third party contractors, equipment and supplies and governmental and other approvals required to conduct Archer's planned exploration activities will be available on reasonable terms and in a timely manner. Although the assumptions made by Archer in providing forward-looking information or making forward-looking statements are considered reasonable by management at the time, there can be no assurance that such assumptions will prove to be accurate.

By their nature, forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause our actual results, performance or achievements, or other future events, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. Such factors and risks include, among others: risks associated with the conduct of the Company's mining activities; regulatory, consent or permitting delays; risks relating to reliance on the Company's management team and outside contractors; risks relating to project financing and equity issuances; risks and unknowns inherent in all mining projects; laws and regulations governing the environment, health and safety; the ability of the communities in which the Company operates to manage and cope with the implications of COVID-19; the economic and financial implications of COVID-19 to the Company; operating or technical difficulties in connection with mining or development activities;

employee relations, labour unrest or unavailability; the Company's interactions with surrounding communities; the Company's ability to successfully integrate acquired assets; the speculative nature of exploration and development; stock market volatility; conflicts of interest among certain directors and officers; lack of liquidity for shareholders of the Company; litigation risk; the ongoing military conflict in Ukraine; general economic factors (including inflationary pressure); the price of commodities; and the factors identified under the caption "Risk Factors" in the Company's public disclosure documents.

The forward-looking information contained in this news release represents the expectations of Archer as of the date of this news release and, accordingly, is subject to change after such date. Readers should not place undue importance on forward-looking information and should not rely upon this information as of any other date. Archer does not undertake any obligation to update these forward-looking statements in the event that management's beliefs, estimates or opinions, or other factors, should change.