

ZEN Announces Commencement of Environmental Baseline Studies on Albany Graphite Project

Thunder Bay, Ontario--(Newsfile Corp. - April 25, 2019) - Graphene Solutions Ltd. (TSX: ZEN) ("ZEN" or the "Company") is pleased to announce that it has commenced work on the environmental baseline studies to support the development of the Albany Graphite Project (the "Project"). Material from the unique Albany Graphite Project will potentially serve as precursor graphene material for anticipated future graphene product and market opportunities.

The environmental and social baseline studies will provide important input into future project development plans, which include a Project design, a class environmental assessment (EA) and regulatory permitting. ERM Canada Ltd. ("ERM") is leading the desktop and fieldwork associated with the baseline studies on behalf of ZEN. ERM is a leading global provider of environmental, health, safety, social and sustainability consulting services with over three decades of experience in the Canadian mining industry.

As part of the initial planning for the baseline studies, ERM is actively collaborating with Constance Lake First Nation ("CLFN") to maximize opportunities for involvement and incorporation of traditional knowledge. This aligns with the existing agreements ZEN has signed with CLFN and a commitment to ongoing engagement. (Please see the Company's [news release dated September 27, 2018](#).)

"The initiation of field-level baseline data studies with ERM marks the next step in the development of the Albany Graphite asset," said Dr. Francis Dubé, ZEN's CEO. "As part of our baseline program design, staff and leadership of CLFN are actively involved to ensure meaningful engagement and economic development opportunities. By integrating baseline data into the early Project planning stage, ZEN will maximize the value to the benefit of both our shareholders and the local community."

CLFN Chief Rick Allen commented *"We are happy to see ZEN Graphene taking the right steps to protect the environment and work closely with us. Constance Lake First Nation looks forward to participating in this important process and moving the environmental baseline study forward as partners."*

About ZEN Graphene Solutions Ltd.

ZEN Graphene Solutions Ltd. is an emerging graphene technology company with a focus on development of the unique Albany Graphite Project. This precursor graphene material provides the company with a competitive advantage in the potential graphene market as independent labs in Japan, UK, Israel, USA and Canada have demonstrated that ZEN's Albany Graphite/Naturally PureTM easily converts (exfoliates) to graphene, using a variety of simple mechanical and chemical methods.

About ERM Canada Ltd.

ERM has been serving the mining industry in Canada for over 35 years and has a proven track record of high quality technical work along with a collaborative approach with regulators and Indigenous communities. ERM has local capacity with offices in both Toronto and Sudbury employing staff with direct experience in environmental baseline studies, regulatory approvals and Indigenous engagement in Northern Ontario. The firm is able to leverage this local expertise with their global presence of more than 160 offices in over 40 countries and territories.

To find out more on ERM and specifically their experience in the mining sector, please visit their website at www.erm.com/en/industries/mining-metals/.

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To find out more on ZEN Graphene Solutions Ltd., please visit our website at www.ZENGraphene.com. A copy of this news release and all material documents in respect of the Company may be obtained on ZEN's SEDAR profile at www.sedar.ca.

Forward Looking Statements

This press release contains forward-looking statements. This news release includes certain "forward-looking statements", which often, but not always, can be identified by the use of words such as "potential", "believes", "anticipates", "expects", "estimates", "may", "could", "would", "will", or "plan". These statements are based on information currently available to ZEN and ZEN provides no assurance that actual results will meet management's expectations. Although the Company believes that the expectations reflected in these forward-looking statements are reasonable, undue reliance should not be placed on them because the Company can give no assurance that they will prove to be correct. Since forward-looking statements address future events and conditions, by their very nature they involve inherent risks and uncertainties. Although ZEN believes that the assumptions and factors used in preparing the forward-looking information in this news release are reasonable, undue reliance should not be placed on such information, which only applies as of the date of this news release, and no assurance can be given that such events will occur in the disclosed time frames or at all. ZEN disclaims any intention or obligation to update or revise any forward-looking information, whether as a result of new information, future events or otherwise, other than as required by law. Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX

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