

Dundee Sustainable Technologies Inc.

NEWS RELEASE

DST Introduces the CLEVR Process™ and GlassLock Process™

MONTREAL, QUEBEC / TheNewswire / 13, 2019 – Dundee Sustainable Technologies Inc. (“DST or the Corporation”) (CSE: DST), a metallurgical technology developer engaged in the development and commercialization of efficient, environment-friendly technologies for the treatment of materials in the mining industry is pleased to announce new brand names for its primary technologies. This is a key part of its ongoing commercialization process for its two innovative and patented processes (the “Technologies”). The Corporation has begun the branding of its Technologies as CLEVR Process™ (cyanide-free gold extraction) and GlassLock Process™ (Arsenic sequestration).

The CLEVR Process™

DST’s precious metal recovery process, now called the CLEVR Process™, allows for the extraction of precious and base metals using sodium hypochlorite and provides a true cyanide-free alternative for the development of gold deposits. The primary benefits of this innovative technology are: (i) a short processing time (1-2 hours); (ii) efficient gold recoveries (iii) its closed loop operation (no liquid effluent), thus eliminating the need and environmental liabilities of tailings pond; (iv) produces a dry stacked, inert and stable cyanide-free tailing;; (v) treats refractory ores and handles base metals.

The CLEVR Process™ was recognized in 2012 as “a green technology” with the award of a \$5 million grant by the Government of Canada through its Sustainable Development Technology Fund (“SDTC”) for the construction and operation of a demonstration scale plant.

The environmentally responsible nature of the CLEVR Process™ has been confirmed by Environment Canada through the Canadian Environmental Technology Verification Program (“ETV”). The ETV is an independent certification of the performance of DST’s now called CLEVR Process™.

The GlassLock Process™

The GlassLock Process™ is a technology designed, built and patented by the Corporation as a method for the permanent stabilization of arsenic from numerous sources, including, but not limited to arsenopyrite, cobaltite, enargite, flue dusts and environmental remediation. This novel technology allows for the sequestration and stabilization of arsenic by incorporating it into a highly stable and insoluble glass matrix that can contain up to 20% arsenic, while, per tests performed, meeting or exceeding the requirements of the *United States Environmental Protection Agency's (EPA) toxicity characterization leaching procedure* (TCLP, Method 1311) and the *Synthetic Precipitation Leaching Procedure* (“SPLP”).

DST’s GlassLock Process™ is becoming an attractive technique to permanently stabilize arsenic, at significantly lower cost than current alternatives such as scorodite for deposits or concentrates considered to contain arsenic concentrations too high to be exploited using conventional mining and processing methods. This presents the Corporation with numerous opportunities to process

materials considered too toxic or uneconomic to be exploited or stabilized using conventional methods.

As part of the branding process, the Corporation has filed an application in Canada for registration of the above-mentioned trademarks.

About Dundee Sustainable Technologies, a corporation controlled by Dundee Corporation

The Corporation is engaged in the development and commercialization of environment-friendly technologies for the treatment of mineralized materials in the mining industry. Utilizing patented and proprietary technologies, DST works with its customers and partners to design and install extraction solutions for precious and base metals from mineralized material, concentrates and tailings. At the same time, DST stabilizes contaminants such as arsenic, antimony and cadmium which could not otherwise be extracted or stabilized with conventional processes because of metallurgical issues or environmental considerations.

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Forward-looking statements are based on the expectations and opinions of the Corporation's management on the date the statements are made. The assumptions used in the preparation of such statements, although considered reasonable at the time of preparation, may prove to be imprecise and, as such, undue reliance should not be placed on forward-looking statements. The Corporation expressly disclaims any intention or obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise, except as required by applicable law.

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