

# Dundee Sustainable Technologies Inc.

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## NEWS RELEASE

### DST's CLEVR PROCESS™ ACHIEVES 95% GOLD EXTRACTION

MONTREAL, QUEBEC, June 10, 2020 – Dundee Sustainable Technologies Inc. (“DST” or the “Corporation”) (CSE: DST) is pleased to announce positive results from a metallurgical test program utilising DST’s CLEVR Process™ (the “CLEVR Process” or “Technology”) on mineralised samples from a Top Tier Gold Producer (the “Producer”).

The Corporation received a ~10-kilogram sample of material from the Producer’s operating gold mine located in a South American jurisdiction. DST was mandated by the Producer to conduct a metallurgical test program at its facilities in Thetford Mines, Canada, with the objective of defining and quantifying the gold extraction amenability of the CLEVR Process on the provided material.

In May 2020, DST completed the metallurgical test program and is pleased to announce that the direct application of the CLEVR Process on the Producer’s sample **achieved gold extraction yields of up to 95.6%**. Given the low sulfide concentration of the sample, no oxidation was necessary before proceeding to the CLEVR Process leaching step.

Sample ID	CLEVR Process	% Au Extraction
<b>OR-10</b> P80 = 169.0 µm	Oxidant = 2%, 1h	<b>94.1</b>
	Oxidant = 2%, 1h	<b>92.1</b>
<b>OR-10-BR</b> P80 = 40.52 µm	Oxidant = 2%, 1h	<b>95.6</b>

The direct CLEVR Process leaching, without any pre-treatment, was successful and demonstrated higher gold extraction yields (>90%) when compared with cyanidation (67.6%) tests conducted on the same material. DST’s standard CLEVR Process conditions were utilised, which allowed for superior gold yields in a fraction of the time (1-hour leaching time).

In addition, the solid tailings residues produced by the CLEVR Process met the U.S. Environmental Protection Agency’s (“EPA”) Toxicity Characterisation Leaching Procedure (“TCLP”, Method 1311) and may be considered as non-hazardous waste products.

DST is very excited with the results obtained using the CLEVR Process and the collaboration with the Producer. The Corporation will continue its development efforts with the Producer to further develop this promising opportunity and the technical and economic parameters of DST’s Technology.

#### **About Dundee Sustainable Technologies, a corporation controlled by Dundee Corporation**

The Corporation is engaged in the development and commercialisation of environment-friendly technologies for the treatment of materials in the mining industry. Through the development of

patented, proprietary processes, DST extracts precious and base metals from mineralised material, concentrates and tailings, while stabilising contaminants such as arsenic, which could not otherwise be extracted or stabilised with conventional processes because of metallurgical issues or environmental considerations.

DST has filed, published and was granted patents for the GlassLock Process™ and CLEVR Process™ in numerous countries.

**FOR FURTHER INFORMATION PLEASE CONTACT:**

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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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