

WINDARRA NORTH TAILINGS ASSET SCOPING STUDY UPDATE

Gold exploration company, **Triton Gold Limited** (ASX: TON) today announced the delivery of its Scoping Study on the Windarra North Tailings Storage Facility (TSF), located in the Laverton District of Western Australia, to Poseidon Nickel (ASX: POS, Poseidon).

The report fulfilled Triton's obligation to deliver a Scoping Study within six months of listing on the ASX as required by the Gold Rights Transfer Agreement, executed with Poseidon in 2009.

Triton retains 100% of the rights to gold contained in the Windarra TSF. The study was conducted by West Coast Projects Pty Ltd (West Coast Projects) and delivered to Poseidon on 9 February 2010. Triton Gold has a further 18 months to deliver a Pre-feasibility Study to Poseidon.

Triton Gold's Managing Director, Mr Greg Hall, said "a key objective of the Company was to perform preliminary analysis on the viability of moving this asset into production. Consistent with our corporate objectives, we have completed a Scoping Study to better define this asset and assess its ability to deliver early production".

"Our focus was to take a closer look at the viability of recovering gold specifically from the Windarra North TSF," he said. "Also important to us was increasing potential recoveries using existing technologies, which we believe is the best way to achieve favourable economics."

In December 2009, Triton announced an Indicated Mineral Resource estimate of 113,300 ounces of contained gold with an average grade of 0.78 g/t gold at the Windarra Tails Dam Project, in accordance with Joint Ore Reserve Committee ("JORC").

The Tailings asset is divided into three tailings cells, which were used for the deposition of gold and nickel tailings. The northern cell has received substantial gold assessment work by various companies, including WMC Ltd and Niagra Mining Ltd (prior to becoming Poseidon) and there is potential for further addition from the southern gold tailings cell, and the middle cell remains untested.

The Windarra North TSF has an Indicated Mineral Resource of 3.76mt at 0.81gm/tAu for 98,200 contained ounces (estimation by CSA Global Pty Ltd and reported to JORC Code reporting standards).

This Scoping Study shows 50% of the gold can be recovered by conventional carbon-in-leach technology (free gold) and a further 12% to 36% is available in the sulphide fraction (gold-in-sulphide) for total recovery of 64% to 85%. The sulphide content has been measured in composite samples and further test work is required to determine the TSF residue variability.

Greg Hall commented that, "A positive economic evaluation of the tailings project requires gold recovery from both free gold and gold-in-sulphide sources."



Test work to determine the sulphide content of composite samples derived from sonic drill cores has been commissioned to better define the average sulphide content of the Windarra North TSF and the overall combined sulphide and non sulphide gold ultimate extraction. These results should be available next quarter.

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Competent Persons Statement

The Minerals Resource estimate has been compiled and prepared by Mr. David Williams MAusIMM, MAIG of CSA who is a Competent Person as defined by the Australasian Code for the reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code) 2004 Edition and who consents to the inclusion in this report of the matters based on the information in the form and context in which it appears.

Forward-Looking Statements: This document may include forward-looking statements. Forward-looking statements include, but are not necessarily limited to, statements concerning Triton Gold Limited's planned exploration program and other statements that are not historic facts. When used in this document, the words such as "could", "plan", "estimate" "expect", "intend", "may", "potential", "should" and similar expressions are forward-looking statements. Although Triton Gold Limited believes that its expectations reflected in these are reasonable, such statements involve risks and uncertainties, and no assurance can be given that actual results will be consistent with these forward-looking statements.