

# Market Announcement

## For Immediate Release



### PILOT PLANT PRELIMINARY TESTWORK RESULTS

New Talisman Gold Mines Limited

***Responsible,  
Environmentally  
Sustainable Mining***

ASX/NZX Code **NTL**

**Commodity Exposure**  
GOLD and SILVER

#### Board and Management

**Charbel Nader** Chairman/Independent Director  
**Matthew Hill** Chief Executive/ Managing Director  
**Murray Stevens** Non Executive Director  
**Tony Haworth** Independent Director  
**Jane Bell** Company Secretary  
**Wayne Chowles** Chief Operating Officer

#### Capital Structure

Ordinary Shares at 20/9/19 2,692m

#### Share Price

Share Price at 19/09/2019 (NZX) 0.9cps  
Share Price at 19/09/2019 (ASX) 0.8cps



#### New Talisman Gold Mines Limited

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### Significant Gold Concentration Achieved in Pilot Plant

The Board of New Talisman Gold Mines Limited is delighted to announce that positive results have been achieved with the initial batches of ore tested through the pilot processing plant.

Two batches of concentrate, produced by passing ore which has been ground to less than 150micron size (about the same fineness as cement powder), through the centrifugal concentrator and performing a cleanup on the shaker table, have been assayed by independent SGS laboratories yielding grades of **989g/t gold and 4,120g/t silver, and 876g/t gold and 2800 g/t silver respectively**. High levels of other metals such as iron, copper and zinc are reported in the concentrate. Approximately 1.2kg of this concentrate has been produced to date.

A 2kg batch of centrifuge concentrate is being assayed and prepared for dispatch to a Major New Zealand based concentrate end user for testwork to form the basis of a commercial off take agreement.

While further tests are required to confirm recovery rates and mineral content of the waste product, these results confirm that a plant of this nature, which uses no hazardous chemicals, is capable of producing a very high value, low volume product and is a very important result for the company in its attempt to replicate the results of prior testwork on a larger scale.

Ongoing testwork will focus on assessing other key factors associated with the gravity separation process, namely:

- Reliably achieving economically viable recovery of gold and silver;
- The effect of various grind sizes on the precious metal yield;
- Efficiently removing sulphide minerals from the ore to achieve an inert waste product suitable for industrial applications.

CEO Matthew Hill said "We are very pleased with the progress at the pilot plant with the first small volumes of gold concentrate being produced from the Talisman Mine which have now been sent off for assaying. Once optimal recovery rates are achieved processing of larger samples and design of a larger volume plant can commence"

