



Snapshot:

Current CSD Share Price: **\$0.065**
 Current LME Price Tin: **US\$14,005**
 Zinc: **US\$2,001**
 Copper: **US\$5,561**
 Lead: **US\$1,814**

ASX CODE: CSD

ABOUT CSD

Consolidated Tin Mines (ASX: CSD) is a base metal producing company with a significant tin project in advanced stage DFS

SHARES ON REGISTER

279,770,521

TOP 5 SHAREHOLDERS

Snow Peak Int'l	22.8%
ARM (NQ) Pty Ltd	10.4%
Ralph De Lacey	5.8%
Beacon Minerals	5.0%
Baoxian Ji	1.9%

OBJECTIVE

To become a fully diversified producer of base metals in concentrate and to develop the tin project through to production thus minimising metal price fluctuation risk

STRATEGY

To develop and establish tin production and focus on increasing mine life and production profile by developing other tin and base metal production opportunities within the broader Mt Garnet/ Greenvale/Einasleigh region

Consolidated Tin Mines Update

Consolidated Tin Mines Limited (ASX: CSD) is pleased to provide an update on company activities for the month of June 2015.

Consolidated Tin Mines is a base metal producing company currently producing Zinc, Lead and Copper concentrates with a Silver co-product. The company operates two mines, with the ore processed at Mount Garnet located approximately 140km south west of Cairns in northern Queensland. The company is actively exploring within the highly prospective Einasleigh/Greenvale area in north Queensland through a free carry farm in agreement. The company is a focused tin explorer and developer. Its major tin development project, comprised of the Gillian and Pinnacles deposits, is located at Mount Garnet in north Queensland. All CSD projects are located in established mining areas, in close proximity to the company's owned and operating concentrating infrastructure.

Base Metals Production

During the month of June the Surveyor and Mount Garnet mines produced 32,975 Tonnes of ore containing Zinc, Lead, Copper and Silver.

The Mount Garnet Processing Plant processed a total of 43,988 Tonnes of ore in June being 26,815 Tonnes from the Surveyor Mine, 6,160 Tonnes from the Mount Garnet Mine and 11,013 Tonnes from the Mount Garnet Processing Plant ROM stockpile.

Copper concentrate production with an average grade of 25.12% copper @ 74.10% recovery, producing 1051 dmt of concentrate.

Lead concentrate production with an average grade of 68.21% lead @ 77.59% recovery, producing 1245dmt of concentrate.

Zinc concentrate production with an average grade of 47.45% zinc @ 91.15% recovery, producing 5789dmt of concentrate.

Registered Office:

395 Lake Street,
 Cairns North, QLD, 4870
 Ph: +61 (0) 7 4032 3319

Planned shipments to China for July:

9,923dmt Zinc Concentrate

3,933dmt Copper Concentrate

3,482dmt Lead Concentrate

2015-2016 Mine Plan and Budget

The Company is now implementing the 2015-2016 operating plan and budget which will see a change in mining production to mostly focus on the Mount Garnet underground mine. The current mining program at the Surveyor Mine (Balcooma underground) will be completed over coming months with Surveyor Mine then placed on temporary Care and Maintenance with staff and equipment relocated to focus on the Mt Garnet underground mine production.

The Mount Garnet concentrator will maintain current concentrate production levels through the 2015-2016 FY.

Future mining options at Surveyor Mine are currently being evaluated with the intention to recommence mining at Surveyor in 2016.

Gillian Definitive Feasibility Study (DFS) Update

The Mount Garnet Tin Fuming Test Facility commissioned in March 2015 continues to make exciting progress in developing essential data on the performance of the Gillian ore under tin fuming conditions.

During the test work conducted at CSIRO near Melbourne, several limitations in the test setup were identified. The Company invested in a small rotating drum kiln and a more advanced gas handling system at Mount Garnet. Modifications to the kiln and gas flow equipment resulted in a dramatic change in results. Further modifications to the tin fuming environment within the kiln continue to bring improvements to the tin recovery and residence time at temperature which is essential for the economics of the DFS.

Previous tests at CSIRO indicated over 70% tin recovery was achievable and the DFS was initially targeting an 80% tin recovery. Recent results at the Mount Garnet lab are consistently exceeding 80% tin recovery with suggestions that 90% can be achieved. This requires fine tuning of the tin fuming environment within the kiln to match the ore feed which must be trialled one batch at a time.

The test work involves loading a 3kg charge into a drum which is then placed inside the kiln. The kiln, via a computer controller, ramps the temperature following a set profile then holds at the dwell temperature, then a controlled cooling down stage to limit any thermal shock on the equipment. This limits the number of tests to one per day. This test work is essential to develop the technical specifications necessary for the pilot scale tests that will lead to the completion of the DFS.

The Company shipped fifteen tonnes of Gillian ore to the FEECO International test facility at Green Bay, Wisconsin USA (FEECO) which arrived in May. The pilot scale test work will be conducted on this sample running up to 150kg/hr into the 6.1m long, 0.53m diameter rotary kiln. This Pilot scale test will establish the parameters for the scale up to the production model. It is essential tin recovery and residence time at temperature is optimised in this pilot test as it will directly impact the economics of the project

Improvements in recovery at the Mt Garnet tin lab have led the Company to delay the pilot test work at FEECO, Green Bay, Wisconsin until a clear understanding of the Gillian ore feed is established through trials at the Mount Garnet Lab to clearly establish maximum recovery at minimum residence time. As a result, finalisation of the DFS is now expected in late 2015.



Left to right: Ralph De Lacey, CSD joint Executive Chairman; Senior Tin Metallurgist Mr Bob Shelley; and Michael Proctor, CSD Project Development Manager; at the Mount Garnet tin test facility on Sunday 28th June.

Exploration - Wanguo International Mining Group

Wanguo International Mining Group (Wanguo) continues with detailed geophysics and geochemical surveys at the Einasleigh Project. Drilling is expected to commence 16th July with several drill targets now identified and in advanced stages of planning.

Wanguo has entered into a Farm In agreement with CSD where Wanguo can earn up to 50% of the Regional Exploration Project by adding 20mt of Measured JORC Resource to the existing Inferred and Indicated JORC Resource

For further information please contact:

Cairns Corporate Headquarters

Phone: +61 (0) 7 4032 3319

Website: www.csdtin.com.au

Email: admin@csdtin.com.au