



# NSL Consolidated

24<sup>th</sup> November 2016

## PHASE TWO WET PLANT – COMMISSIONING UPDATE

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### HIGHLIGHTS

- Phase Two wet beneficiation plant commissioning continues according to plan. Wet commissioning with water nearly complete.
  - Component full load commissioning producing exciting results, with current schedule anticipating producing high grade premium price product end of November.
  - Plant on schedule for Q4 2016 positive cash flow.
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NSL Consolidated Limited (Company, ASX: **NSL, NSLO**), is pleased to provide an update on the progress of its Phase Two wet beneficiation plant program.

The Company continues to progress commissioning according to schedule, with the team having transitioned to the wet commissioning phase. Individual components are being no load tested with water, with pumping through individual components occurring and ongoing.

In addition, basic component full load commissioning utilising very low grade waste as the material feed is producing exciting results, with feed grade of approximately 20% Fe beneficiated up to 57% Fe.

This result provides further confidence in the process being able to achieve its desired high grade premium price product grading between 58-62% Fe, targeting 60% Fe. Normal ROM feed grade ranges between 25-35% Fe.

Current commissioning schedule anticipates full load commissioning by running low grade iron ore feed through the complete plant and producing high grade premium price product, grading between 58-62% Fe at the end of November.



**Finished product prior to water extraction**

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**Huate Wet Plant Agreement Details**

Huate is a specialised beneficiation plant supplier, and is unique in China in that it has capability in plant design, fabrication, construction, commissioning and supporting operations of entire large scale beneficiation plants. Huate also has global experience in iron ore beneficiation, including in Australia.

The agreement with Huate further supports the confidence in the Company's Indian iron ore projects and the larger scale Indian iron ore industry, an industry in Huate desires to gain a position.

As highlighted in previous announcement the commercial terms as follows:

Capital cost: US\$1,054,000

Payment 1	Payment 2	Payment 3	Payment 4	Payment 5	Payment 6	Payment 7
On Execution - <b>COMPLETED</b>	Stage 1 Delivery - <b>COMPLETED</b>	Stage 2 Delivery <b>COMPLETED</b>	Stage 3 Delivery <b>COMPLETED</b>	Within 30 working days post Stage 3 delivery <b>COMPLETED</b>	Within 120 calendar days post Stage 3 delivery	Within 180 calendar days post Stage 3 delivery
25% Contract Value	25% Stage 1 equipment value	25% Stage 2 equipment value	25% Stage 3 equipment value	20% Contract Value	15% Contract Value	15% Contract Value
Mar 16	Apr 16	May 16	Jun 16	August 16	Dec 16	Feb 17

Phase Two is a wet beneficiation process, allowing NSL to produce a high grade premium price iron ore product grading between 58-62% Fe at around 200,000 tonnes p.a.

The Company has already successfully negotiated offtake agreements for Phase Two's high grade iron ore product with the US\$9 billion Indian global conglomerate, JSW Steel, also that country's leading private sector steel producer; and BMM Ispat, a leading pellet, power and steel producer.

NSL, the only Australian or foreign company to own and operate in India's massive iron ore market, has an established dry processing plant operation for iron ore product at Kurnool and is serviced by two of its local mines nearby, Kuja and Mangal. These mines will also provide the feedstock for the Phase Two wet beneficiation plant.

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