

International Tin Conference: Vancouver May, 2010

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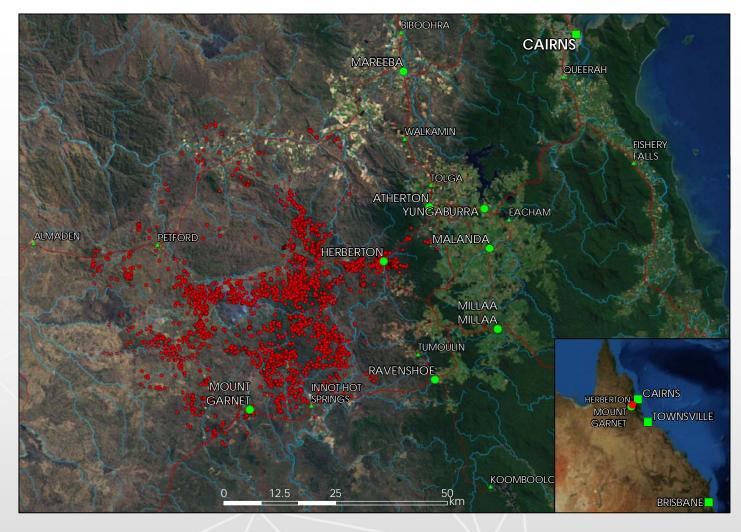


# NEW TIN SUPPLY FROM HISTORIC TIN FIELD

#### Herberton Tin Field



Historic Tin Mines in Herberton Tin Field:



#### Herberton Tin Field History

- 1875 Tin discovery in Herberton (James Venture Mulligan)
- 1879 a prospectus party (Jack, Newell, Brandon, Brown) found payable amounts of tin in Prospectors Gully, where Herberton town now stands
- ➢ This was a MAJOR find
- 1880 Tin mining commences at one of the richest Tin finds in Australia
- Expansion continued rapidly through the 1880's
- Over 2,000 named mines since its discovery over a century ago
- Mining stopped 1985 due to Tin price collapse
- No operating tin mines today
- Enormous potential to recommence mining

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# HERBERTON TINFIELD FUTURE POTENTIAL

# Large Mineralised Area



Queensland, Australia, showing Herberton Tin Field (in red)



- Initial mining at Herberton saw grades of 50 to 60% Sn ore directly shipped to smelters in Britain
- Large area of over 5,000km<sup>2</sup>
- Mined for over a century on high grade tin
- There is massive potential for a 'second generation ' of the Herberton tin field mining large volume /medium grade
- Significant volumes of easily winnable open pit minable ore
- Enormous Potential
- Requires central mill with economy of scale to treat 'second generation' medium grade ore

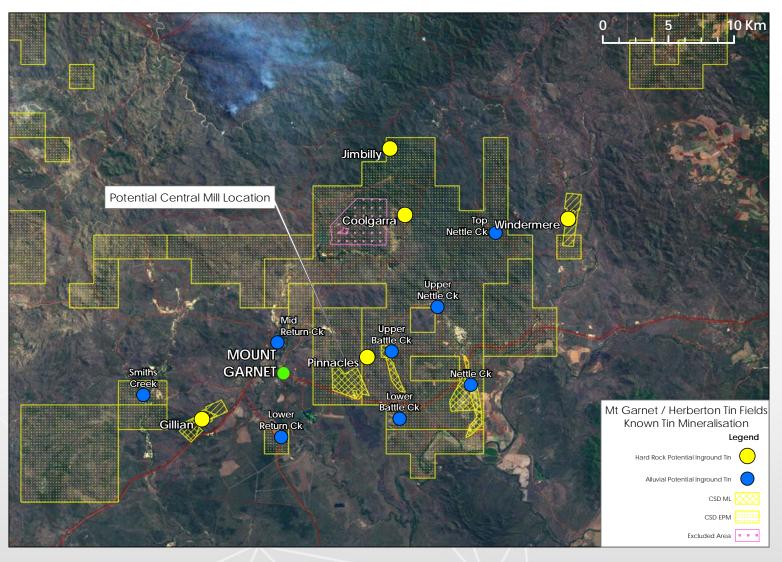
### Known Tin Potential



- Millions of dollars have been spent drilling the tin field
- Drilling prior to tin price collapse in 1985 was mostly for company 'in house' use and does not comply with 2004 JORC Resource reporting requirements
- Extensive drilling to bring a huge volume of Tin to comply with 2004 JORC standard would be a mistake for any company
- CSD model is to establish only sufficient ore to modern reporting standard for first 8 to 10 years mine life
- The key to the success of the 'second generation' of the Herberton Tin Field is a mill with the economy of scale to profitably treat medium grade ore (+/- .5% Sn)

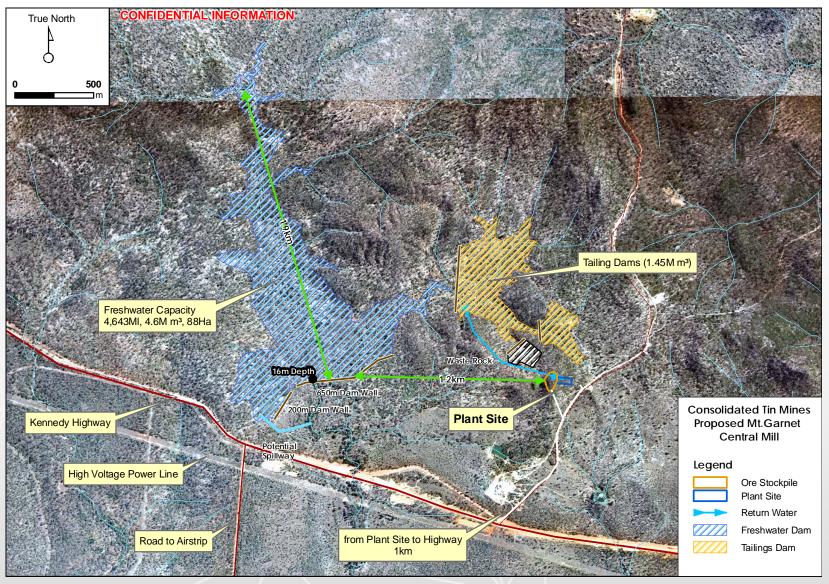
## Herberton Tin Field Central Mill Concept





## Herberton Tin Field Central Mill Concept





# Why Australia?



North Queensland , Australia:

- Stable government
- Good mining laws
- Sound environmental policies
- Mining expertise / Experienced Mineworkers
- Significant Tinfield, enormous potential
- Medium grade/high volume Tin production
- Near surface low cost mining





# CONSOLIDATED TIN MINES LIMITED

# Company highlights



- Focused on developing a major Australian Tin mining operation
- Major Herberton Tin Field presence, holding most historic mineralisation areas
- Portfolio of high quality Tin Projects
- Initial aim 8Mt-10Mt @ 0.5% (avg) tin\*
- Develop open pit mining operation producing 5,000t tin metal in concentrate per annum
- Initial mine life 8-10 years with major expansion potential from project portfolio
- Project well positioned relative to major road, rail, port infrastructure

\*Target mineralisation: This target resource statement is conceptual in nature as insufficient drilling has been undertaken at this stage and it is uncertain that future drilling will result in the determination of this target.



#### Infrastructure

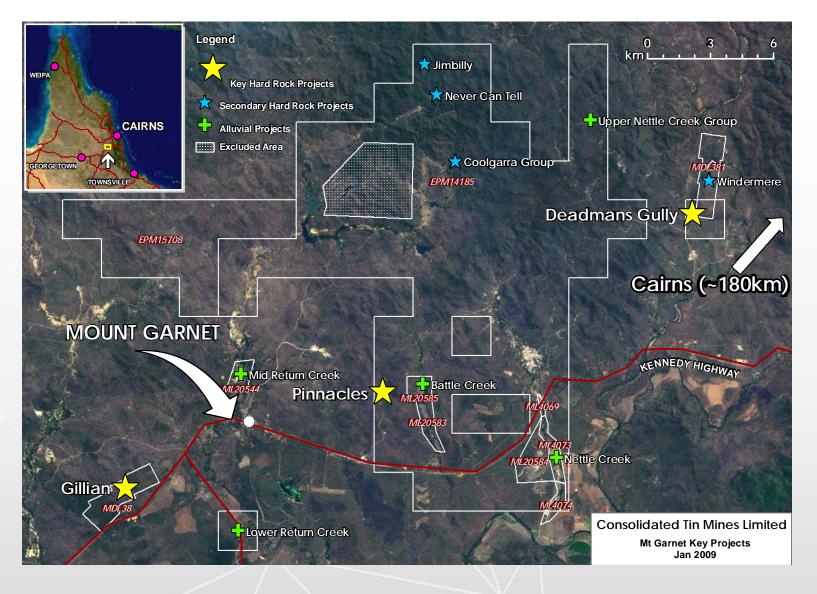


Mt Garnet Project Infrastructure:

- Power 66KVA transmission line is located within 1km of the proposed mill site. Application lodged with local power supplier Ergon Energy to provide increased capacity to meet proposed use
- Water Provision to construct a large capacity storage dam. The project is located within a reliable rainfall area
- Port Nearest port is Mourilyan Harbour, 140km by good all weather sealed highway
- Road Project located adjacent National Highway 1
- Staff & Accommodation Proposed project located 6km from Mt Garnet and 40km from Ravenshoe. The general locality is within a historic mining field with local mining expertise and staff available

#### **Project Location Map**

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The information contained in this report that relates to assay results of rock samples and drill chips, to mineral resource estimates and to ore reserve estimates of mineralisation has been compiled by John Sainsbury (BSc, AusIMM). John Sainsbury is a geologist of 30 years experience and has sufficient experience in the type of mineralisation under consideration to qualify as a Competent Person as defined by the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves - JORC Code, 2004 Edition. John Sainsbury is an executive director of Consolidated Tin Mines Limited. John Sainsbury has consented to the inclusion of this information in the form and context in which it appears.

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