



Precious Metal Summit

September, 2014

Many Connections. One Focus.

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- This Presentation may contain forward-looking statements within the meaning of the United States Securities Exchange Act of 1934 and forward-looking information within the meaning of applicable Canadian securities law.
- Material forward-looking statements and forward-looking information include, but are not limited to statements or information with respect to the obligations of the parties under the Agreement with the Independent State of Papua New Guinea, the Company's ability to locate, mine and transport mineralized material from the seafloor; estimates of future production; the method of transport and amount of mineralized material from the Company's Solwara and CCZ projects; estimates of anticipated costs and expenditures; development and production timelines and the cost, timing and effectiveness of the seafloor production tools, the riser and lifting system and the production support vessel.
- We have made numerous assumptions about the material forward-looking statements and information contained herein, including those relating to: satisfaction of the conditions of the Agreement with the Independent State of Papua New Guinea; the future price of copper, gold, silver and zinc; anticipated costs and expenditures; and our ability to achieve our goals. Even though our management believes that the assumptions made and the expectations represented by such statements or information are reasonable, there can be no assurance that the forward-looking statement or information will prove to be accurate. Accordingly you should not place undue reliance on forward-looking statements or information.
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- As discussed in the Company's most recent Annual Information Form, the production decision for the Solwara 1 Project was not based on a feasibility study of mineral reserves demonstrating economic and technical viability. Accordingly, there is increased uncertainty and economic and technical risks of failure associated with this production decision. Production and economic variables may vary considerably due to the absence of a completed and detailed analysis as would be included in a feasibility study. The risks associated with this decision are set forth in the Company's Annual Information Form under the heading "Risk Factors".
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- Notes Regarding Technical Disclosure
 - Resource information for the Solwara project is derived from a technical report titled "Mineral Resource Estimate, Solwara Project, Bismarck Sea, PNG" dated and filed on SEDAR on March 23, 2012, and summarized in a news release dated November 25, 2011. Indicated resources of 74,000 tonnes of copper is based on 1.03 million tonnes at an average grade of 7.2%.
 - Resource information for the CCZ Project is derived from the technical report titled "Updated NI 43-101 Technical Report, Clarion-Clipperton Zone Project, Pacific Ocean" dated March 20, 2013 and filed on SEDAR on March 21, 2013, and summarized in a news release dated September 18, 2012, unless otherwise stated
 - Jonathan Lowe, a qualified person under National Instrument 43-101 Standards of Disclosure for Mineral Projects, has reviewed and approved the technical information in this presentation, unless otherwise stated.

Who is Nautilus Minerals?



- TSX listed and trading on OTCQX
- Market capitalisation US\$235 million as at August 25, 2014
- Cash on hand US\$36.5 million as at June 30, 2014
- Seafloor resource exploration and development company
- Main focus in PNG and western Pacific
- Project office in Brisbane, Australia

Major Industry Shareholders

	28.14%
	20.89%
	5.99%

each on a non-diluted basis, excluding loan shares outstanding under the Company's share loan plan

Why go to the sea?

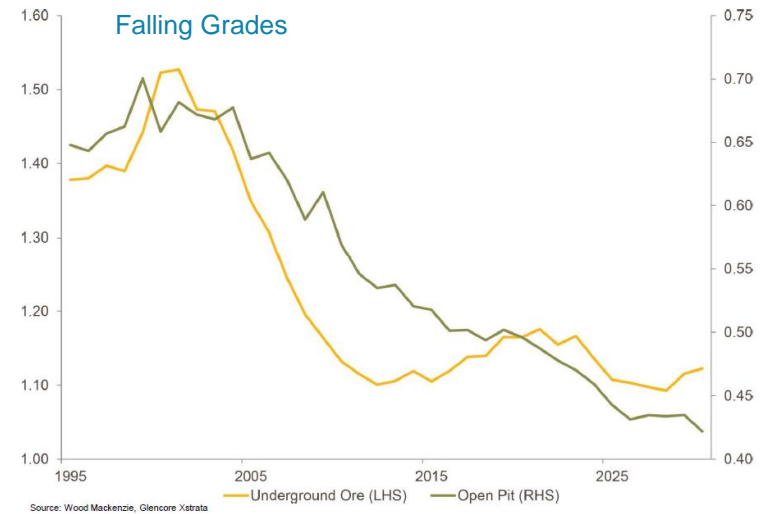
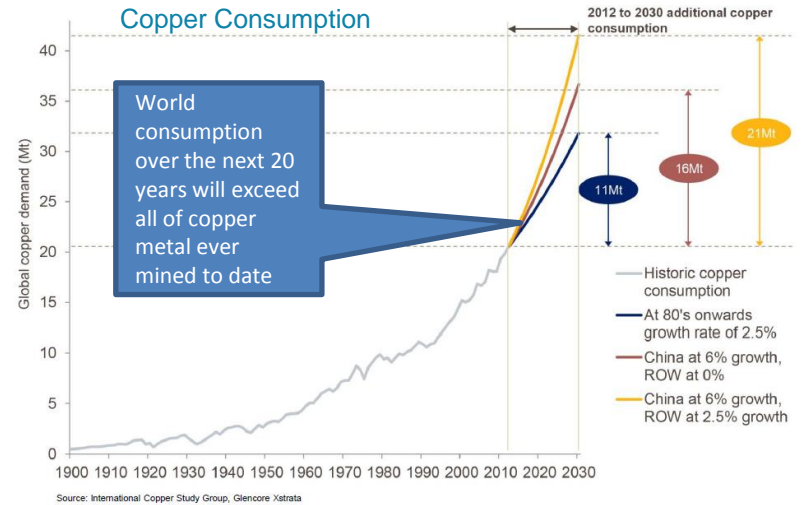


- World's demand for metals continues to rise
- Land resources are stretched; declining grades
- Every human activity impacts on the environment
- We (as society) need to choose options with less impacts

Land-based mine



Deep sea production

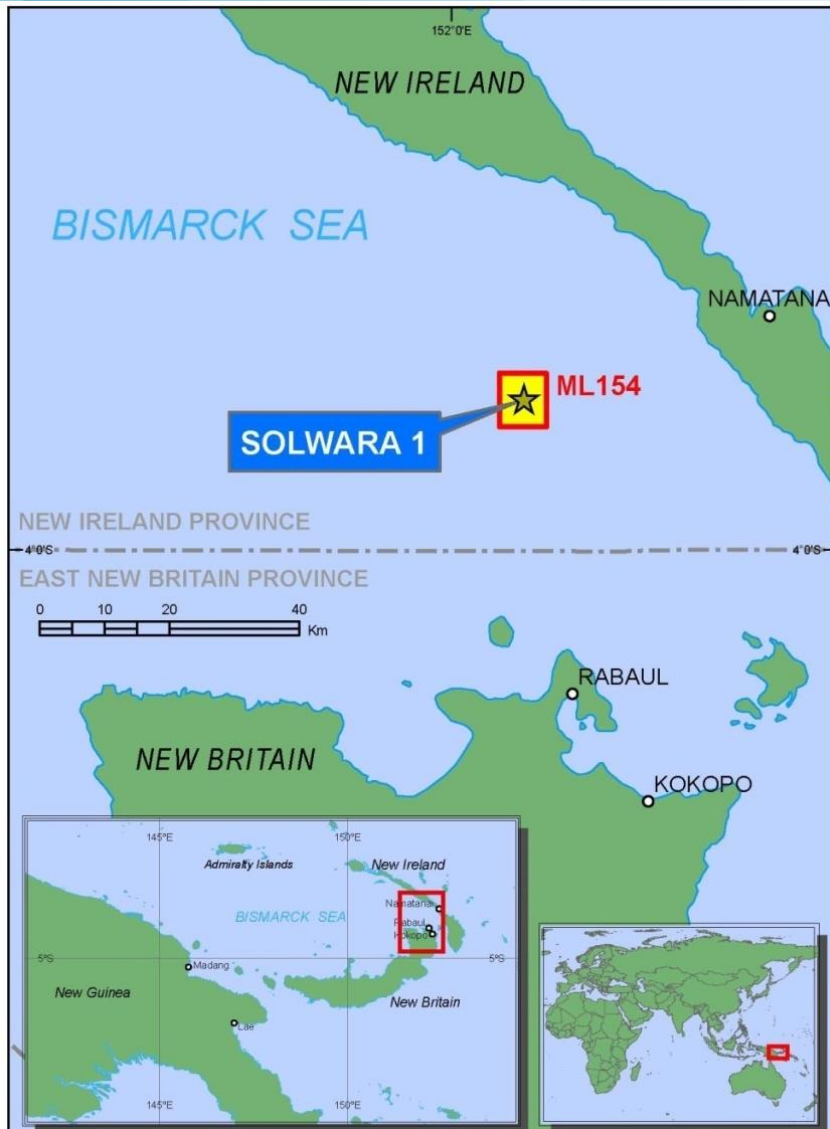


Advantages of seafloor mining

- Seafloor Massive Sulphide (SMS) deposits – HIGH GRADES of copper, gold, zinc & silver
 1. High grades, very little waste
 2. No people need to be moved
 3. No land clearance to get to the deposit
 4. Increased worker safety (all ops are done remotely)
 5. Reusable equipment
 6. No tailings



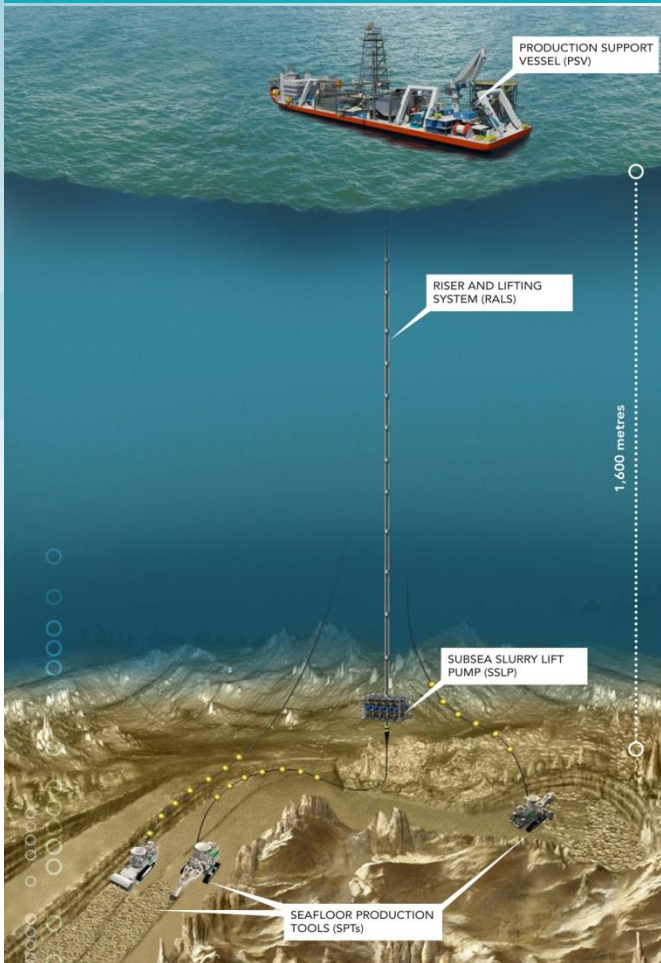
Solwara 1 Project



- First project Solwara 1
- Bismarck Sea, Papua New Guinea
- 30 km from nearest coast
- **Small extraction area: 0.11 km²**
- Nautilus is dedicated to setting a high environmental and social responsibility standard

Seafloor Production: what is it?

Seafloor Production System



Using existing technology from the offshore oil and gas sector, combined with rock cutting and materials handling technologies used in land-based operations

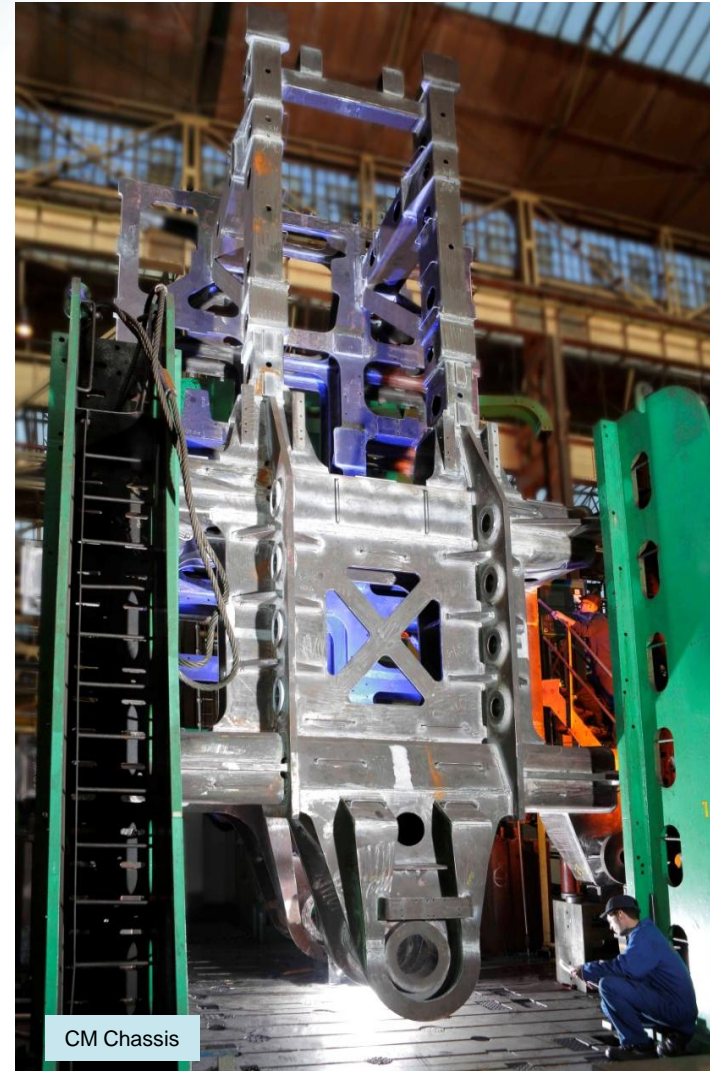
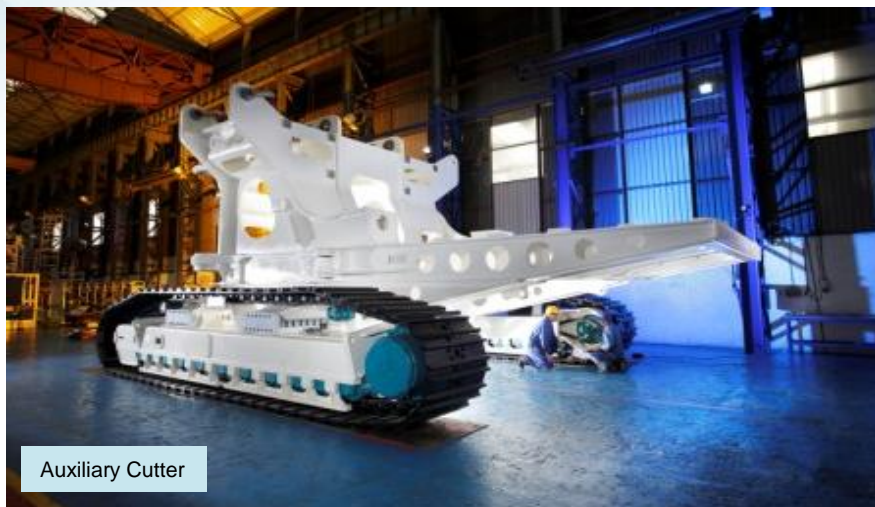
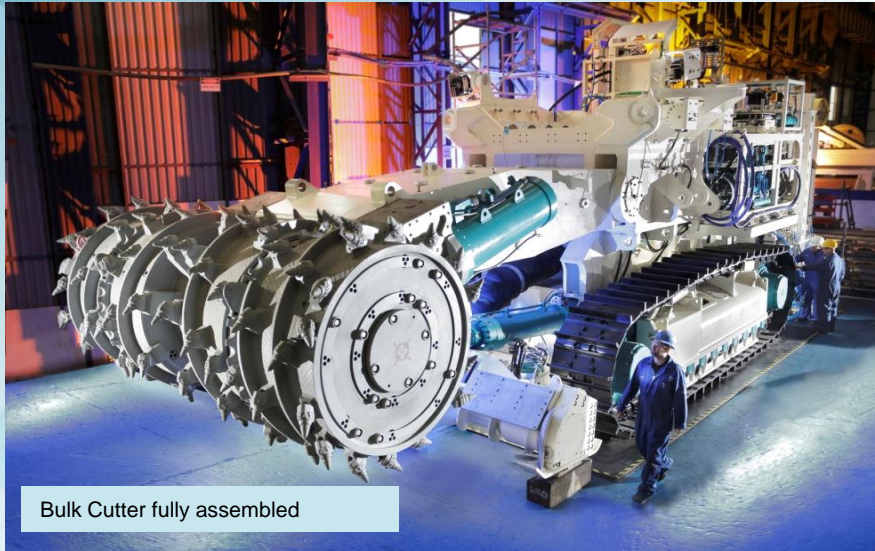
- **Production Support Vessel**
 - Operational base. Power supply and dewatering plant
- **Riser and Lifting System**
 - Pumps material to the surface
- **Seafloor Production Tools**
 - Three remotely operated machines, cutting and collecting material

The Seafloor Productions Tools

- Combining technologies used in offshore oil and gas and coal industry
 - Offshore oil and gas has been using trenchers to lay cables for over 20 years at depths of 4500 - 6500m below sea level
 - Coal industry has been using road headers (continuous miner) for decades in underground mines
 - We are combining these technologies to create our Seafloor Production Tools

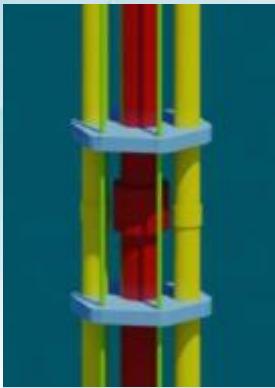


Seafloor Production Tools



Pump and Pipe: standard oil and gas equipment

- Pump is similar to that being used in the oil and gas industry
- Pipes are standard riser pipes



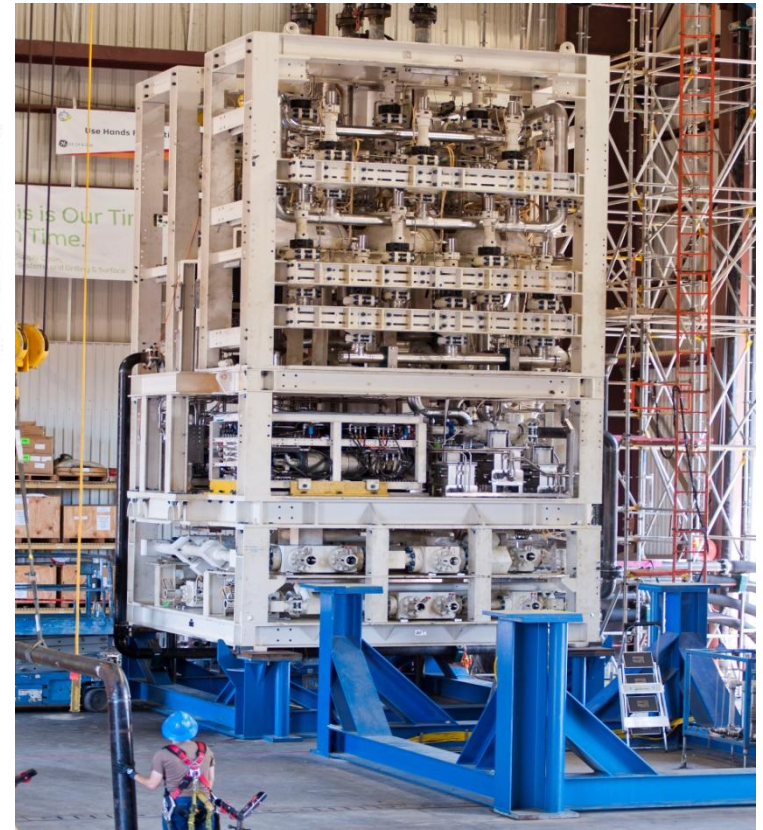
Riser Pipe



GE Oil & Gas Slurry Lift Pump
Image courtesy of GE Oil & Gas



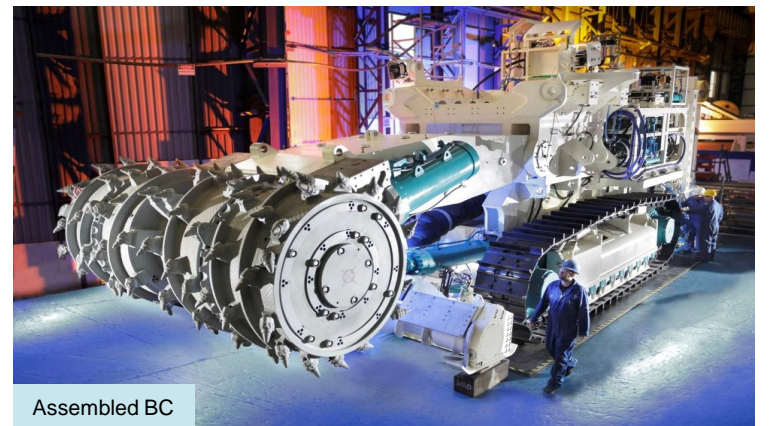
Standard Riser Pipes



Mud Lift Pump built by GE Oil and Gas for Chevron for deep water drilling applications (similar to the unit being built for Nautilus Minerals).

Current status of Seafloor Equipment build

- Seafloor Production Tools (SPTs) assembly
 - ✓ Bulk Cutter completed April 2014
 - ✓ Collecting Machine commenced May 2014
 - ✓ Auxiliary Cutter commenced June 2014
 - AC and CM assembly to be completed by Q1 2015
- Riser system: >50% complete. Delivery expected by Q2 2015
- Pump: full scale loop testing to commence shortly with delivery expected by mid 2016
- Vessel – remains the critical path for the Project



Production Support Vessel – current status

- Vessel
 - Evaluation of tenders received from shipyards experienced in building offshore construction vessels is on track
 - In discussions with potential vessel partners
 - Vessel solution to be in place before end Q4 2014
- Basic design completed with preliminary ABS[^] approval
- Vessel is designed for use in offshore construction and seafloor mining
- Sufficient storage capacity for 7-10 days production
- Much of the SPE* will be installed during vessel construction

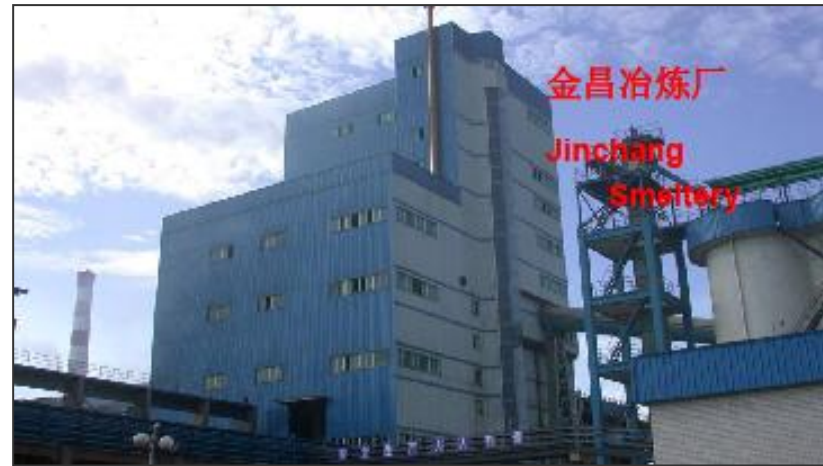
[^]American Bureau of Shipping

*Seafloor Production Equipment



Ore Sales Agreement Tongling

- Tongling - largest importer of copper concentrates into China
- Binding ore sales Heads of Agreement - remains in place
 - 1.1mtpa (+- 20%) for 3 years
 - Nested copper concentrate and SMS-tolling - pricing arrangement
 - Prompt payment - 90% provisional payment on loading in PNG
 - International benchmark terms
 - 20% copper grade concentrate – maximise gold recovery – TC/RC* premium
 - Gold value in pyrite value shared equally

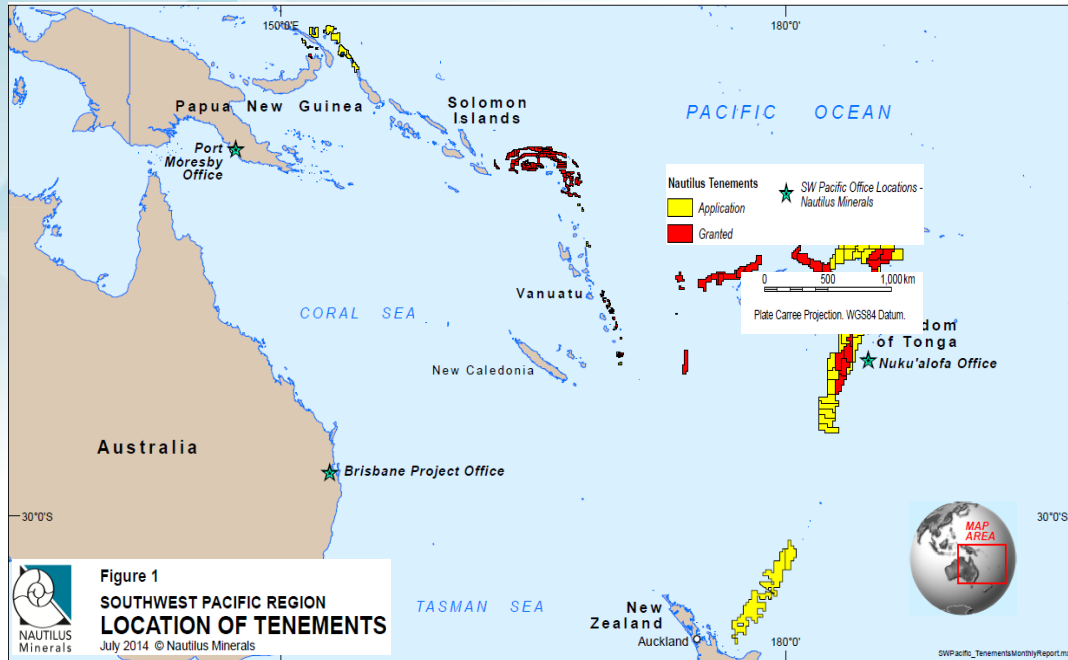


*Treatment Charge/Refining Charge

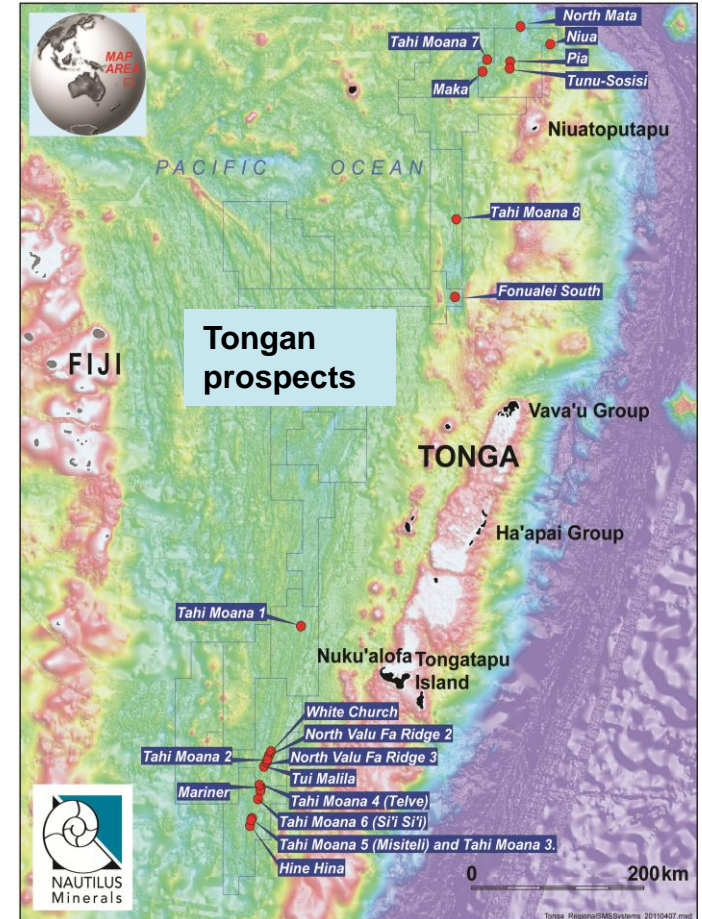
Prospectivity - South West Pacific focus



- Total of ~ 450,000 km² of tenements in multiple jurisdictions *
- Looking beyond Solwara 1



* Total tenements include those which have been granted and those under application. Includes 75,000 km² in Clarion-Clipperton Zone in Eastern Pacific

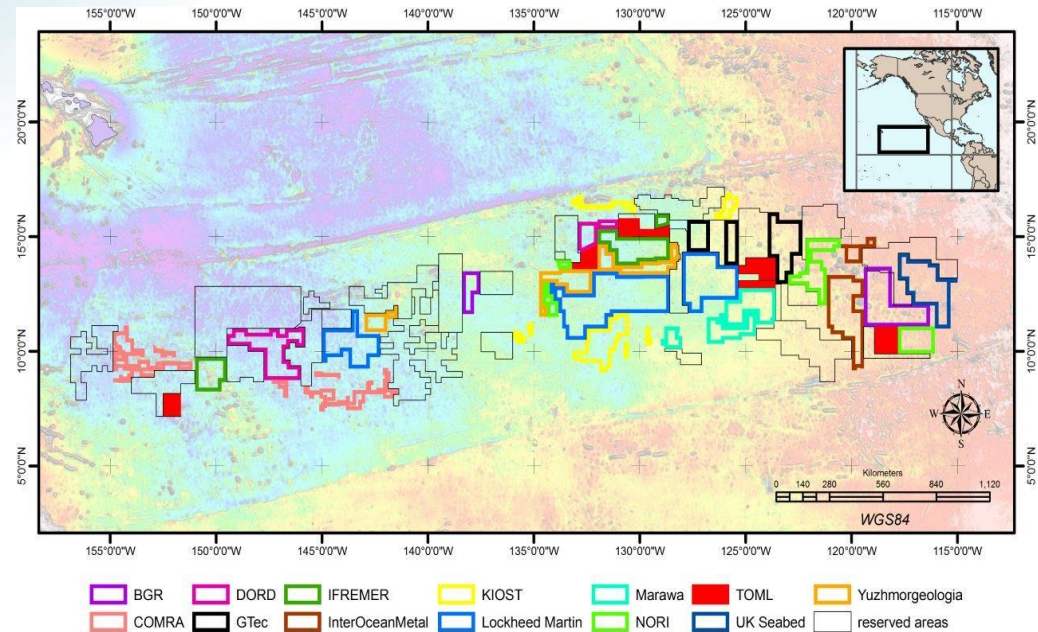


Polymetallic Nodules - Massive Resource



1. Sponsored by Tongan Government
2. Nautilus has an NI 43-101 resource

410 million tonnes @ 1.2% Ni, 1.1% Cu, 0.24% Co, and 26.9% Mn*
3. ISA data suggests potential 670 million tonnes @ 1% Cu #
4. ISA working towards establishing regulations for exploitation by 2016



- >15 other countries are interested in nodules
- Significant money invested in nodules over the years (today's figures around US\$3 billion)
- Largest Cu/Ni/Co resource in the world

*Resource estimates prepared by Mr Matthew Nimmo, Principal Geologist, Golder Associates Pty Ltd, Milton, Queensland, Australia. Mr Nimmo is a Member of the Australian Institute of Geoscientists, a full time employee of Golder, and fulfills the requirements to be a "qualified person" for the purposes of NI 43-101. For further details please refer to the technical report dated March 20, 2013 entitled "Updated NI 43-101 Technical Report, Clarion-Clipperton Zone Project, Pacific Ocean", prepared by Golder Associates Pty Ltd. and the Company's news release dated March 19, 2014.

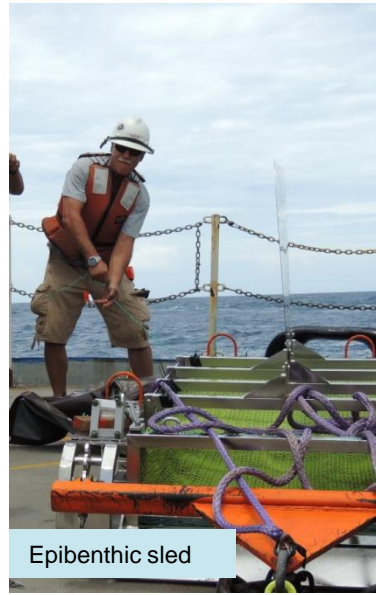
ISA, A geological model of polymetallic nodule deposits in the CCZ, Technical Study No 6, The potential quantity and grade of all amounts in excess of the NI 43-101 resource noted above are conceptual in nature. There has been insufficient exploration to define a mineral resource in respect of such amounts, and it is uncertain if further exploration will result in the target being delineated as a mineral resource.

2013 Nodule campaign to the CCZ

- Nodule campaign objectives met on time and on budget
 - Completed ~60,000 km² of multibeam survey
 - Collected 2.1 tonnes of material sample for preliminary metallurgical test work & mining studies
 - Confirmation of grade and extent of CCZ nodule deposit
- Desktop engineering and metallurgy studies underway



Polymetallic nodules



Epibenthic sled



Polymetallic crust

Milestones



Milestones achieved	Expected date of completion	Status
Auxiliary Cutter chassis and Collecting Machine chassis to arrive at SMD facility to commence assembly	June 2014	
Factory Acceptance Testing on Bulk Cutter to commence	July 2014	
Receive the State's full capital contribution in escrow	31 July 2014 (completed early on May 9, 2014)	

Milestones for next 12 months	Expected date of completion
Vessel solution in place	By end Q4 2014
Auxiliary Cutter assembled	Q1 2015
Collecting Machine assembled	Q1 2015
Riser System delivery	Q2 2015

Forward plan

- Satisfy Nautilus' Conditions Precedent
- Move forward with the Solwara 1 Project
 - Accelerate equipment build
 - Secure vessel solution
 - Ensure continued government and community support
- Maintain licences and permits
- Accelerate development of additional assets once State's funds are released



Seafloor Mining makes sense



- ✓ **HIGH GRADE** – SMS > 7% copper and 6g/t gold
– Nodules: >4% Cu eq¹
- ✓ **UPSIDE** – 38 systems identified to date along 5-10% of prospective geological strike
– 410mt nodule resource > 4% Cu eq¹
- ✓ **FIRST FOLLOWER** – using proven technologies
- ✓ **AGGREGATED** – mobile production vessels provide platform for longer term production potential
- ✓ **SOCIALLY AND ENVIRONMENTALLY RESPONSIBLE** – small environmental footprint; minimal community impact; no tailings
- ✓ **BUILDING LONG TERM VALUE FOR STAKEHOLDERS** – highly scalable; environmentally friendly; high grades

¹ \$ price per lb - Cu@\$2.75, Ni@\$6.50 and Co@\$10.00 - Applicable grades are 1.2% Ni, 0.24% Co and 1.1% Cu. Abundance cut-off of 6 wet kg/m².



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Agreement with the Independent State of Papua New Guinea (the “State”)



- The State has taken a 15% interest in the Project (for a total cost to production of US\$120 million)
- The State has paid Nautilus a non-refundable deposit for its initial 15% interest of US\$7,000,000
- Remaining funds of US\$113,000,000 have been placed in escrow
- Escrow funds released on satisfaction of Nautilus' Conditions Precedent (CP)
 - Intellectual Property CP
 - Vessel CP



Nautilus' Chairman Geoff Loudon signing the Agreement



Nautilus' CEO Mike Johnston, Country Manager Mel Togolo

*MEA – Mining Equity Agreement