



Nautilus Minerals

Precious Metals Summit
Hong Kong

May 29-30, 2014

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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
- Trading on OTCQX
- Seafloor resource exploration and development company
- Advancing Bismarck Sea projects in PNG and the Pacific
- Project office in Brisbane, Australia

Capitalization	(as at May 18, 2014)
Ticker	NUS (TSX) NUSMF (OTCQX)
Current Share price	C\$0.54
52 Week High/Low	C\$0.79 / C\$0.20
Basic Shares Outstanding	440 million
Shares O/S Fully Diluted	444 million

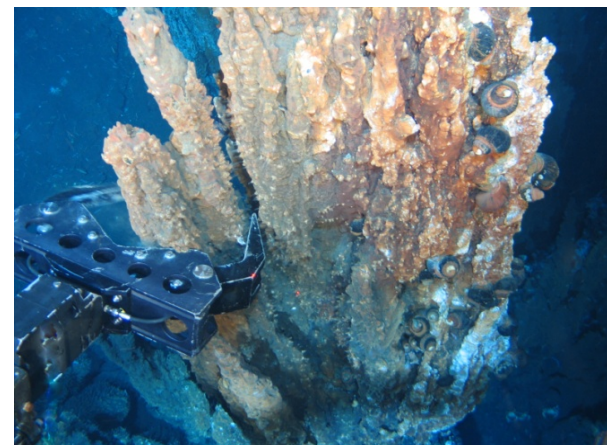
Major Industry Shareholders

	28.14%
	20.89%
	5.99%

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

What are SMS Deposits

- Seafloor Massive Sulphide ("SMS") deposits form on the ocean floor
- Contain appreciable concentrations of copper, zinc, gold, silver and other trace metals
- Are the modern-day equivalents of ancient 'land-based' Volcanogenic Massive Sulphide ("VMS")
- The SMS deposits at Solwara 1 are associated with high grade polymetallic sulphide systems, which are particularly rich in copper and gold



Why Go to the Sea?

Land-based mine



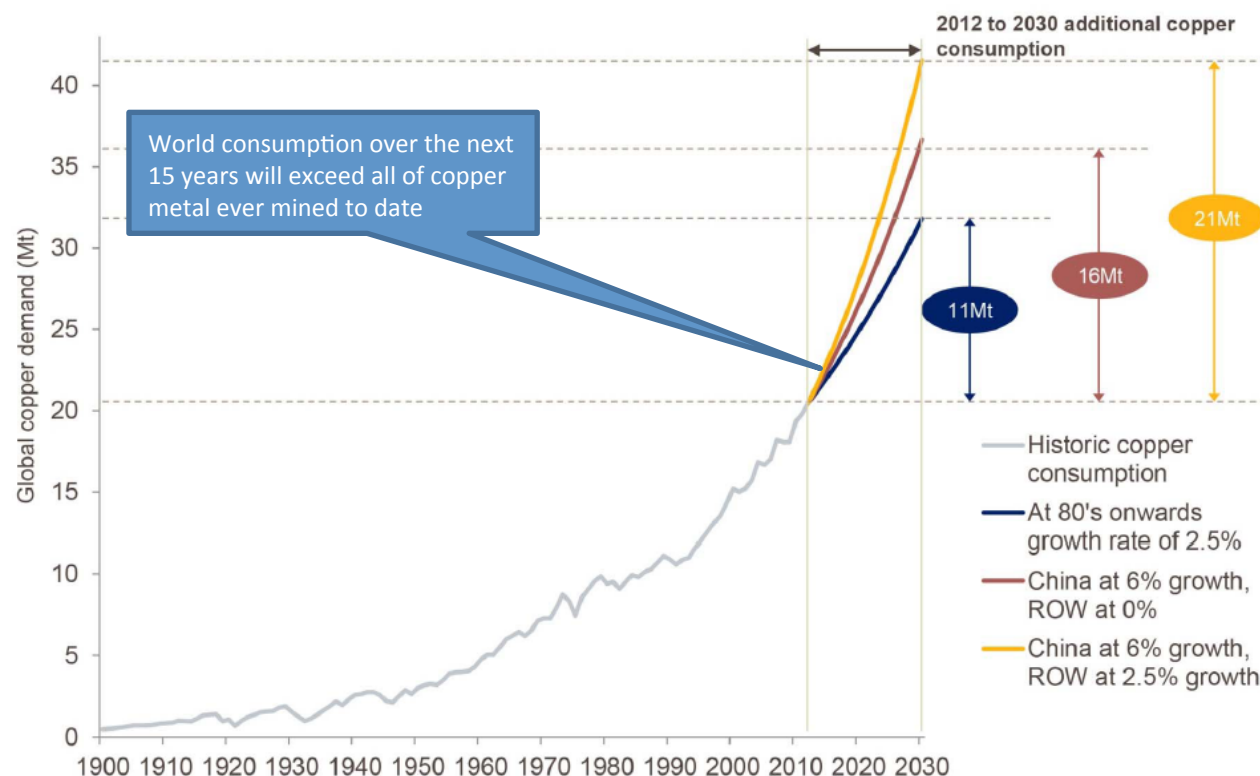
Deep sea production



- 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

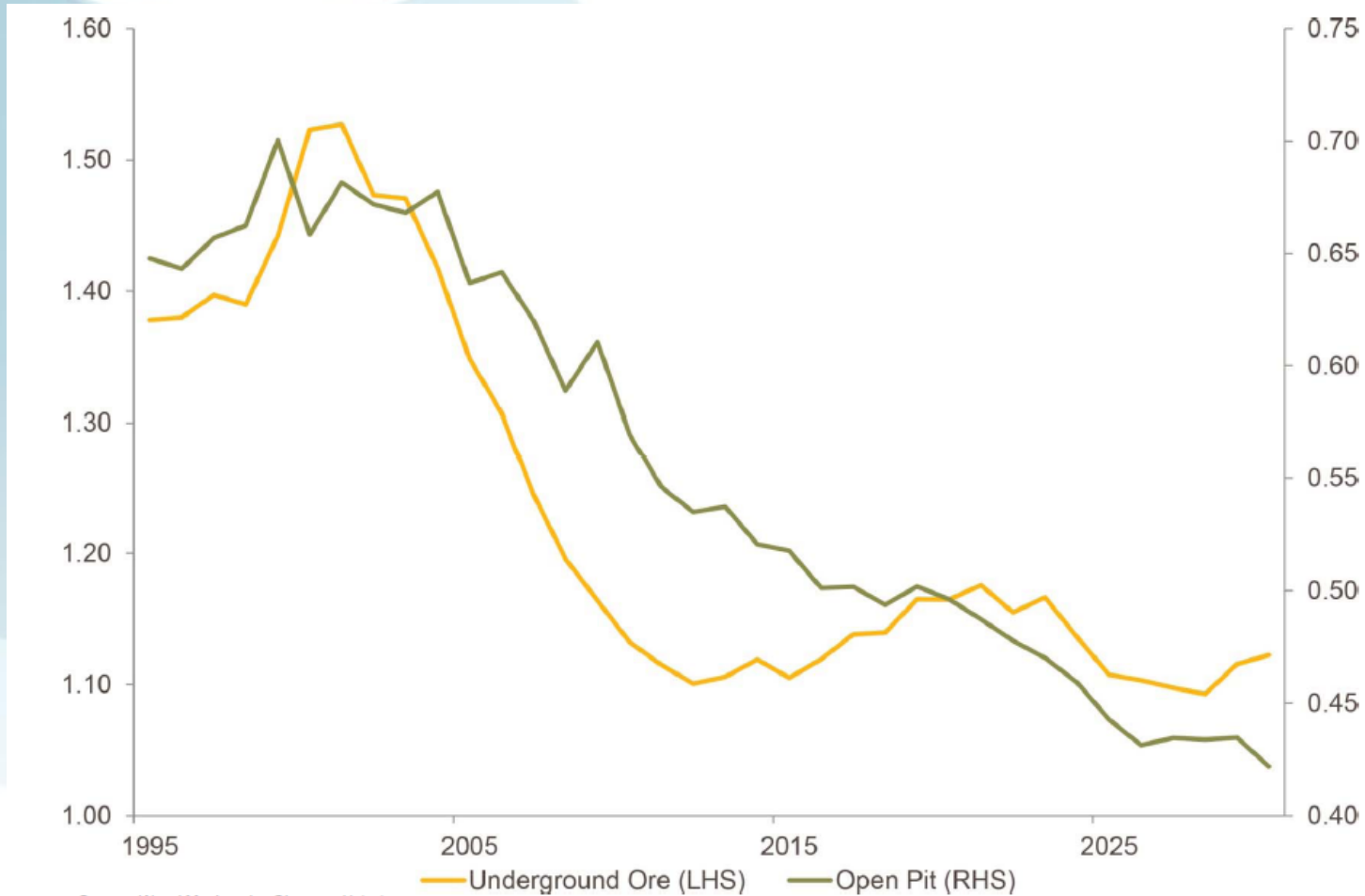
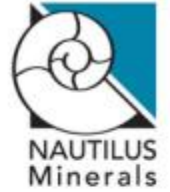
Increasing Demand for Metal Continue to Rise

- Population Growth
- Emerging economies transitioning to industrialised and urbanised societies
- Land resources are stretched; declining grade
- **Demand for copper nearly doubles over 15 years**



Source: International Copper Study Group, Glencore Xstrata

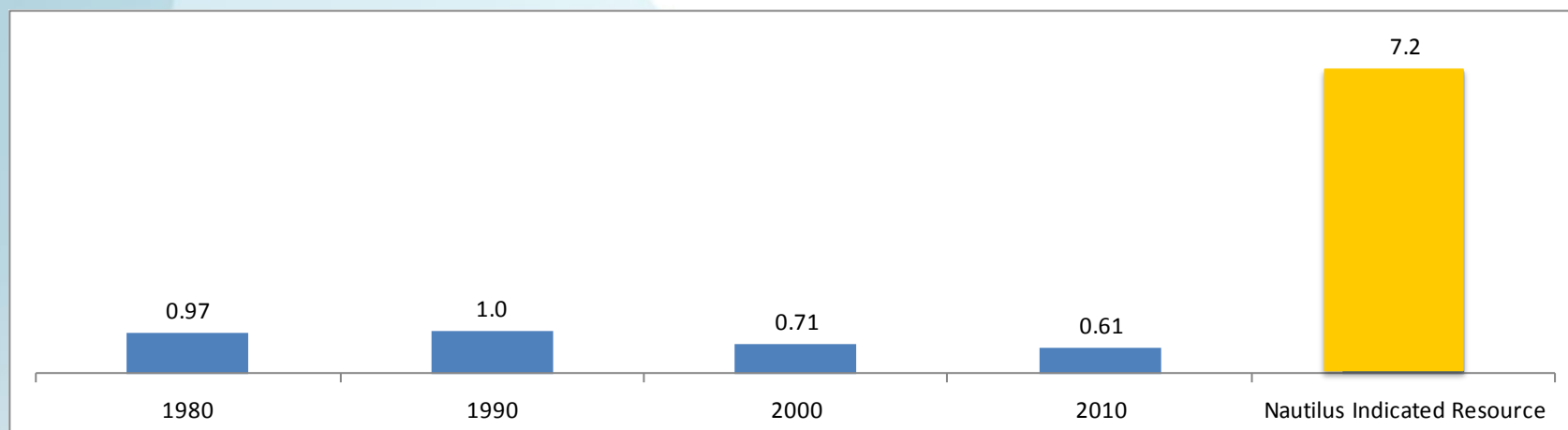
Copper Grades on Land are Falling



Source: Wood Mackenzie, Glencore Xstrata

Land-Based Projects compared to Solwara 1

Average Reserve Grade (%) of Land-Based Copper Projects



Source: Source: Brook Hunt, a Wood Mackenzie Company

Solwara Resource Update

Classification	Class	Tonnes	Cu (%)	Au (g/t)	Ag (g/t)	Zn (%)	Contained Cu (t)	Contained Au (Koz)
Solwara 1	Indicated	1,030,000	7.2	5.0	23	0.4	74,160	165.6
@2.6% Cu eq cut-off	Inferred	1,540,000	8.1	6.4	34	0.9	124,740	316.9
Solwara 12								
@2.6% Cu eq cut-off	Inferred	230,000	7.3	3.6	56	3.6	16,790	26.6

Resource Estimate prepared by Ian Lipton, BSc (Hons), FAusIMM, Principal Geologist, Golder Associates Pty Ltd. Effective Date: 25 Nov 2011
 Source: April 2012 Solwara Project, Bismarck Sea, PNG NI 43-101 Technical Report

Known Seafloor Massive Sulphides

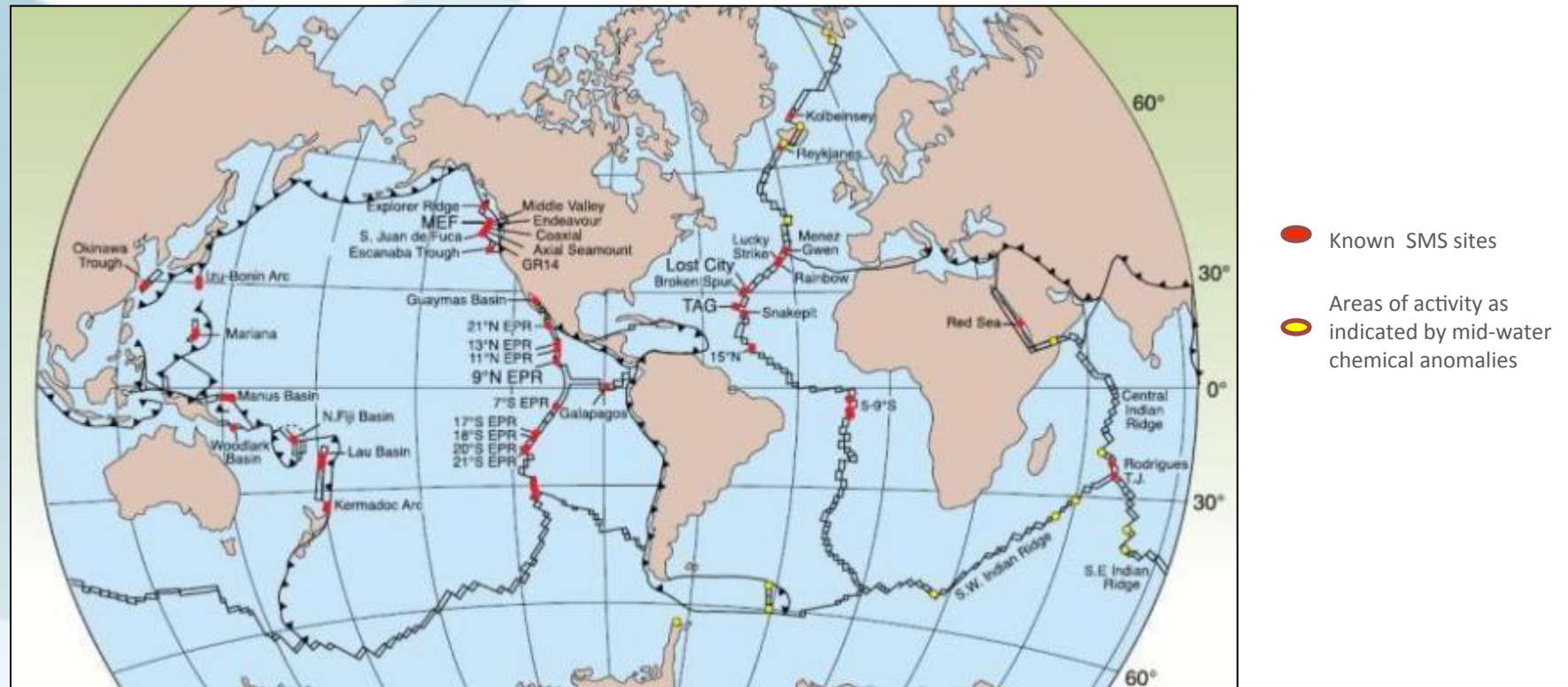
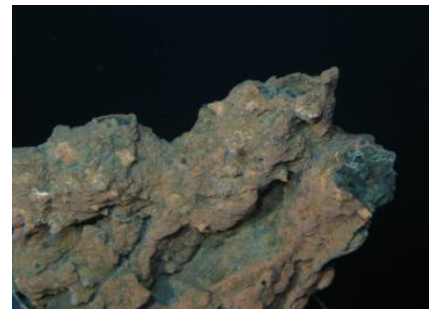
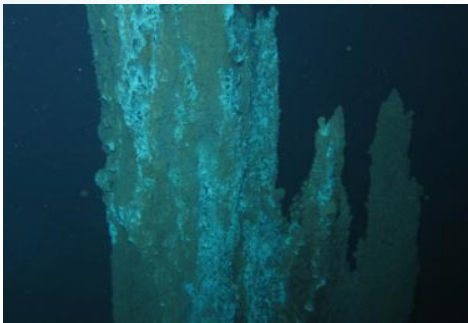


Figure after Baker et al., 1995; German and Von Damm, 2004; Hannington et al., 2005; Koschinsky et al., 2006

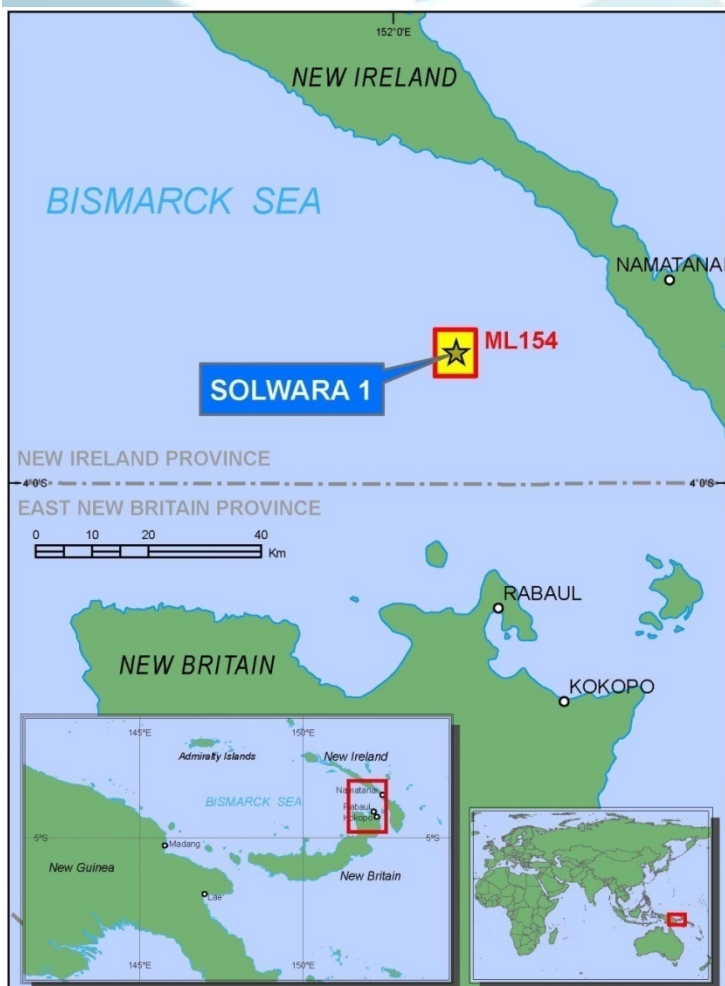
- >300 sites of hydrothermal activity and seafloor mineralisation are known, including 100 with polymetallic sulphide deposits
- Potentially more than three times that many systems located around the world
- Deep ocean contains massive resources of copper, nickel, cobalt and manganese as nodule deposits

Advantages of Seafloor Mining

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



Solwara 1 Project



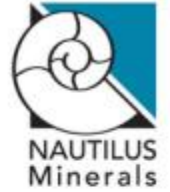
- Located in the Bismarck Sea, PNG, at 1600m water depth
- NI 43-101 Resource established
- Environmental permit granted Dec 2009
- Mining lease granted Jan 2011
- 30 km from nearest coast
- Small extraction area: 0.11 km²

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

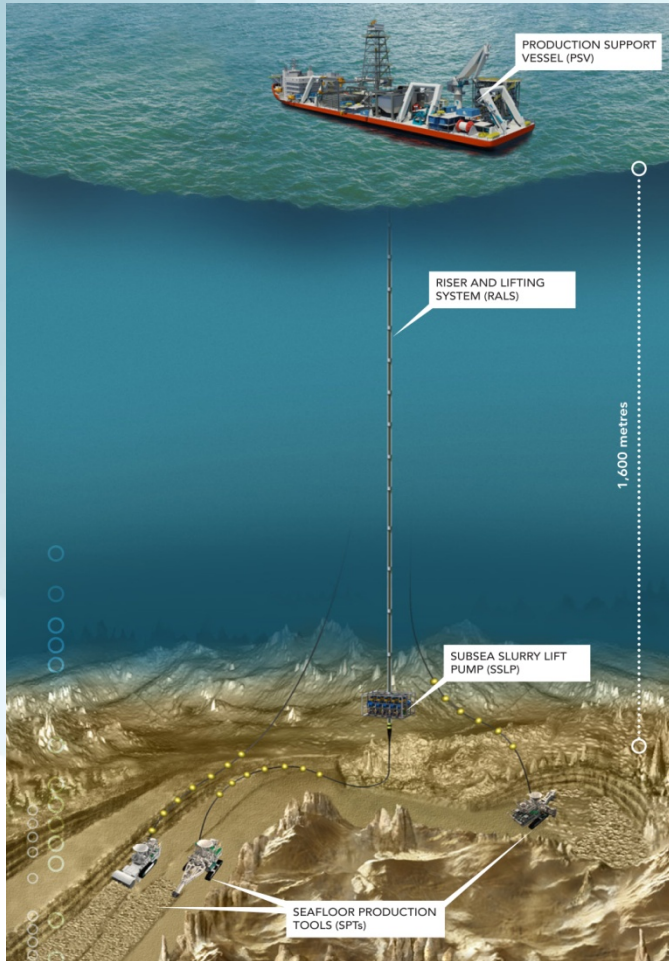
- The Government of PNG has approved the State’s participation in the Solwara 1 Project
- Under the Agreement, the State shall take an initial 15% interest in the Project
- The State has paid Nautilus a non-refundable deposit for its initial 15% interest of US\$7,000,000
- The remaining funds of US \$113,000,000 have also been paid by the State and have been placed in escrow
- Option to take up to a further 15% interest in the Project



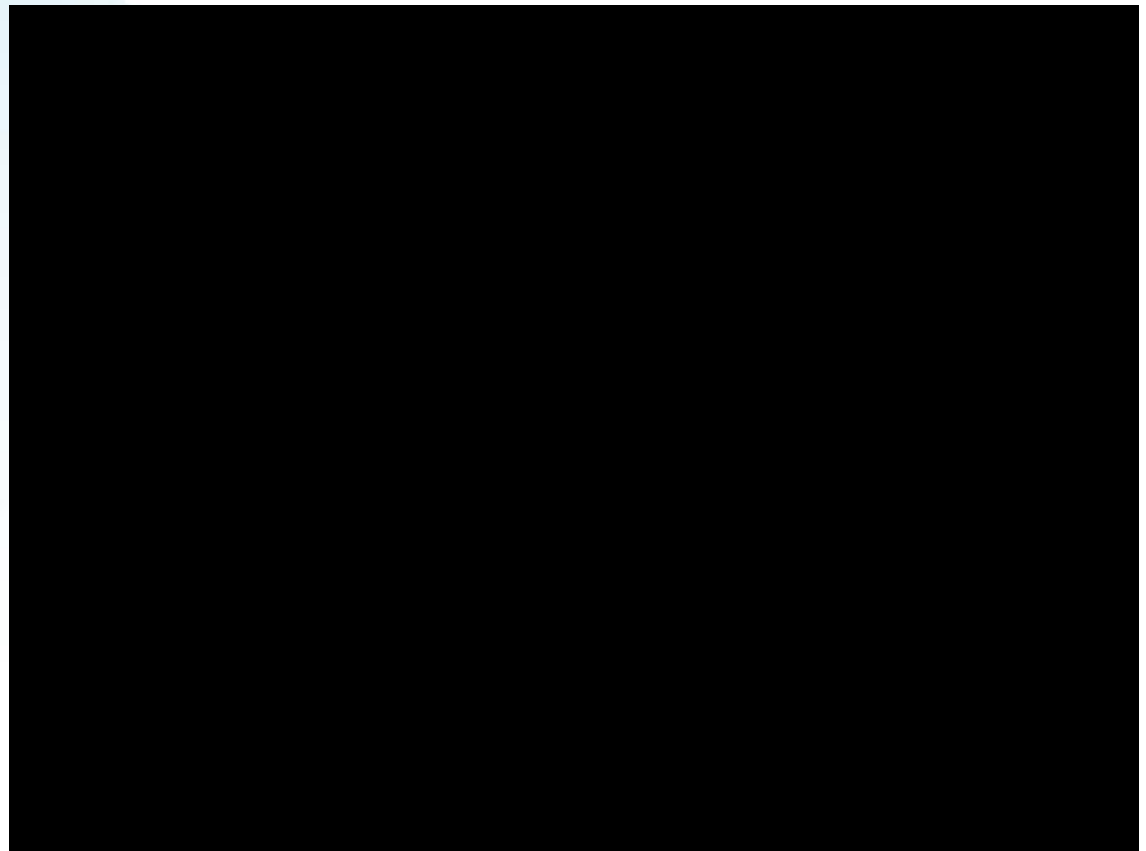
Seafloor Production System



Seafloor Production System

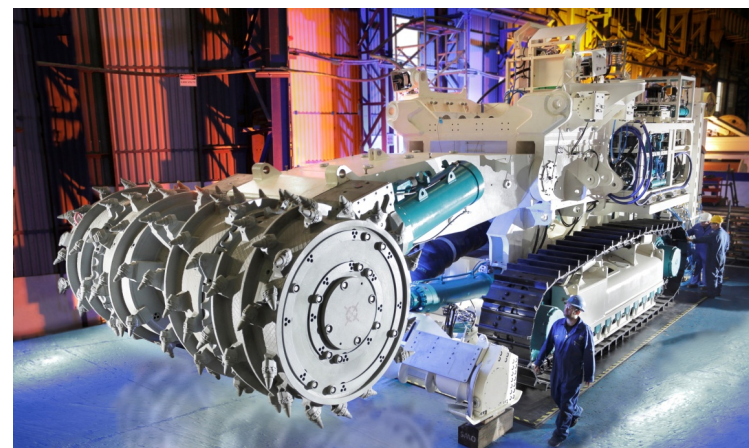


Using existing technology from the offshore oil and gas sector, combined with rock cutting and materials handling technologies used in land-based operations

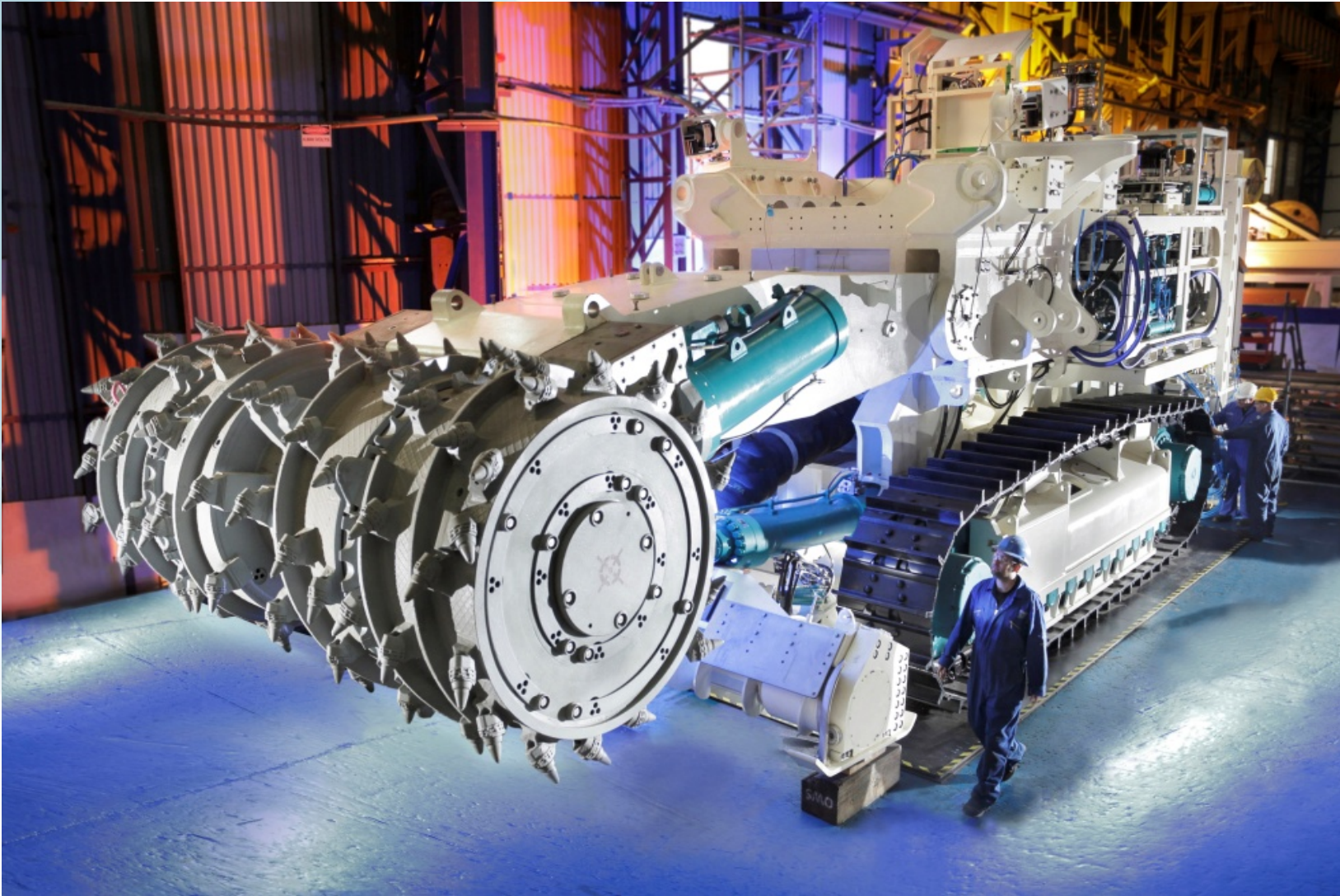
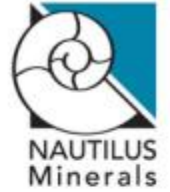


Current Status of Seafloor Equipment Build

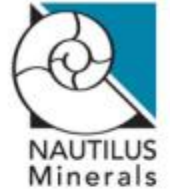
- Assembly of the Bulk Cutter was completed in April 2014
- Assembly work on the Auxiliary Cutter and Collecting Machine is due to commence in Q2 2014
- Riser system: >50% complete. Delivery expected by Q1 2015
- Pump: full scale loop testing to commence Q2 2014 with delivery expected by mid 2016
- Vessel – remains the critical path for the Project
- Looking at securing a suitable vessel arrangement by Q4, 2014



Bulk Cutter (BC) Assembly Completed



Control Room for the SPTs



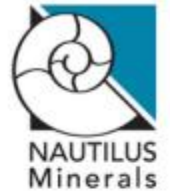
Control Room

Control Room

Auxiliary Cutter (AC) Being Assembled



Collecting Machine (CM) Being Assembled



CM Chassis



CM Yoke



Active Chair



CM Crown Cutter

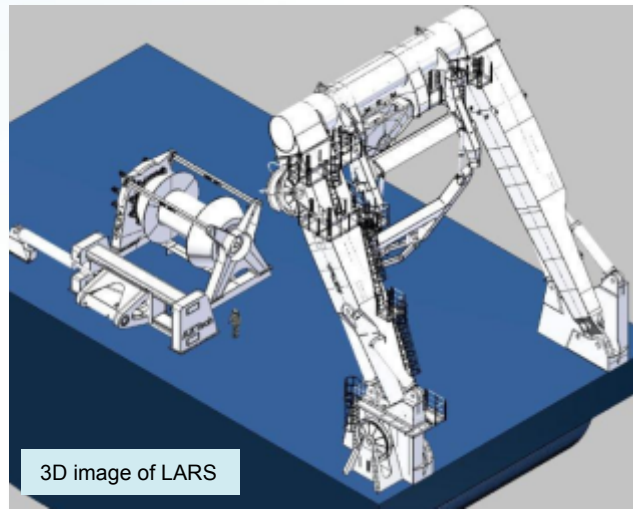
Seafloor Production Tool A-frames & Winches Completed



A-frame Deck Foundation



A-frame in manufacture



3D image of LARS



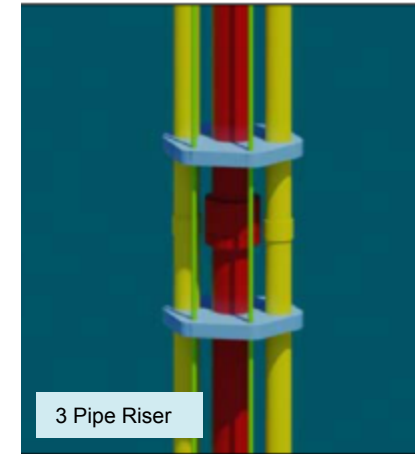
Winch

Riser and Lifting System (RALS) > 50% Complete

- Subsea Slurry Lift Pump (SSLP)
- 3-Pipe Rigid Riser
- Riser pipe handling equipment off the shelf - used in oil and gas drilling industry



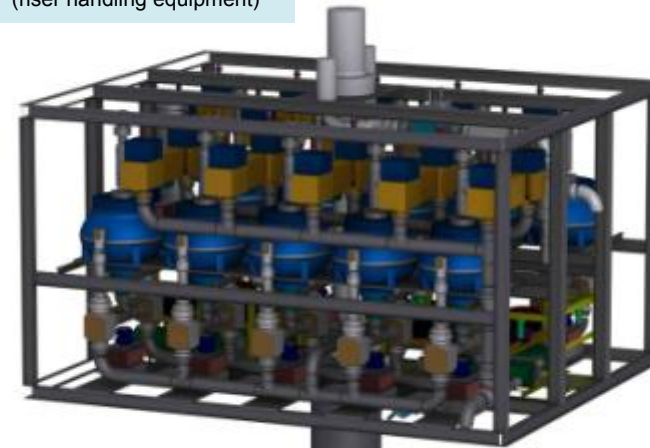
Derrick and Draw Works
(riser handling equipment)



3 Pipe Riser



Test loop for SSLP



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

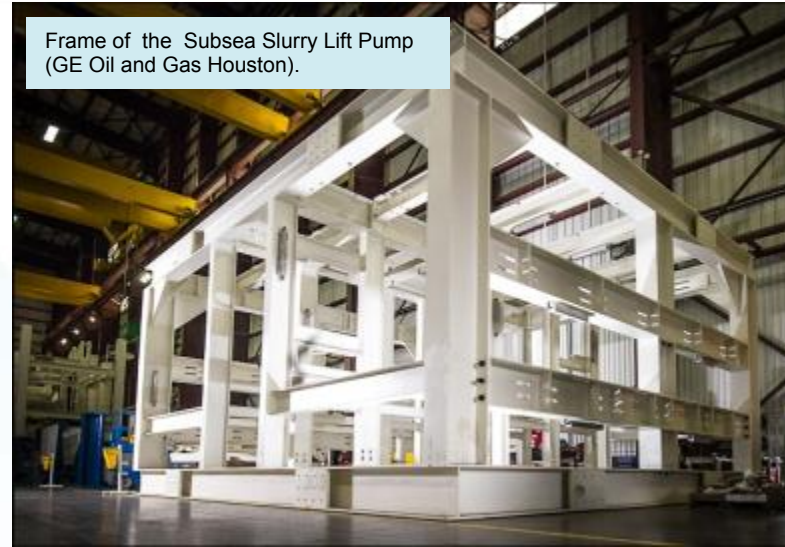
Subsea Slurry Lift Pump (SSLP) Build

Chamber and valve banks of the Nautilus Subsea Slurry Lift Pump (GE Oil and Gas Houston).

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Frame of the Subsea Slurry Lift Pump (GE Oil and Gas Houston).



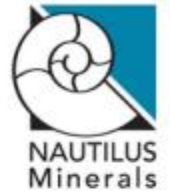
SSLP Umbilicals Reels - Spooled



Manifold pipe work



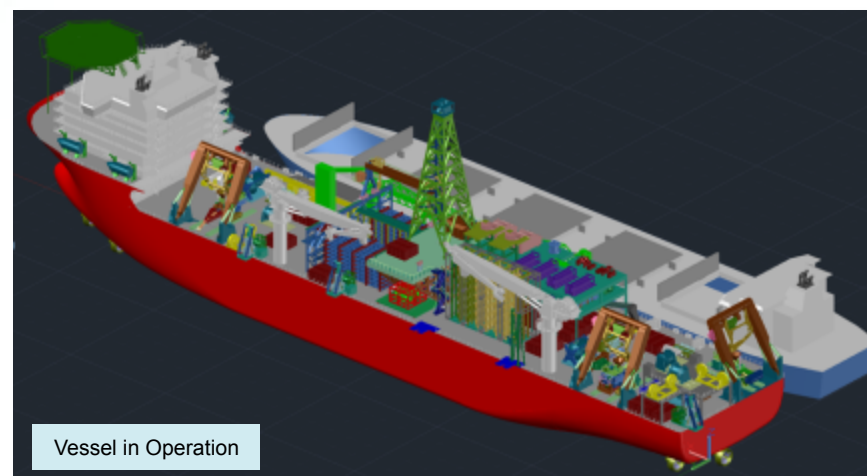
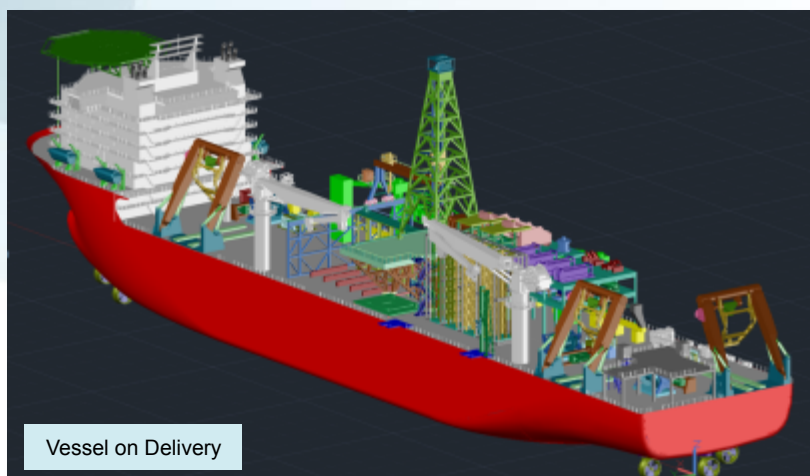
Production Support Vessel (PSV)



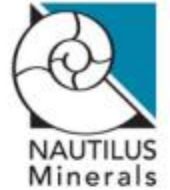
Production Support Vessel – Current Status

■ Principal Particulars:

- Length 227m
- Breadth 40m
- Depth 18.2m
- Ore Storage Capacity 45,000Te
- Power Generation 31MW
- Complement 180
- Dynamic Positioning DP 2
- ABS Class Approved Basic Design



Ore Sales Agreement – Tong Ling Still in Place



- Tong Ling - Largest importer of copper concentrates into China
- Ore Sales agreement
 - 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
- No tailings – maximum utilization of resource, minimum waste



What's Been Done Before?

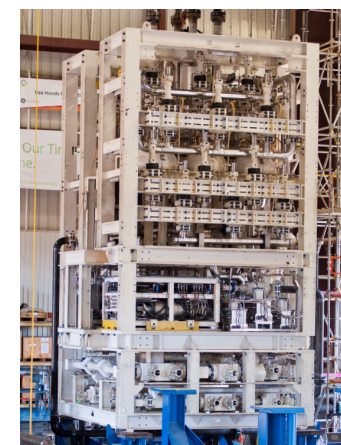
- Already mine offshore for:
 - Diamonds
 - Aggregates
 - Mineral Sands
- SPTs based on what is used already used in offshore diamond mining, dredging, trenching, onshore mining
- Pump and riser from oil and gas industry
- Ship typical of other DP ships
- SMS = modern day analogues of land-based VMS deposits



Second generation 200 ton offshore diamond mining machine, DeBeers, Namibia. *Image courtesy Marine Minerals Pty*

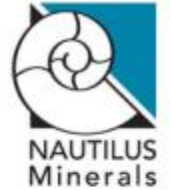


De Beers Seafloor Diamond Mining Vessel in use off the coast of Namibia



Mud lift Pump Built by GE Oil and Gas for Chevron for deep water drilling applications

What's Different?



- Water depth of the minerals
- Combining technologies
- Different risk profile to oil and gas
- Compared to land-based counterparts:
 - ✓ Higher grades
 - ✓ Occur on the surface
 - ✓ Smaller physical footprint
 - ✓ No direct impact to landowners
 - ✓ No tailings
 - ✓ Minimal Waste



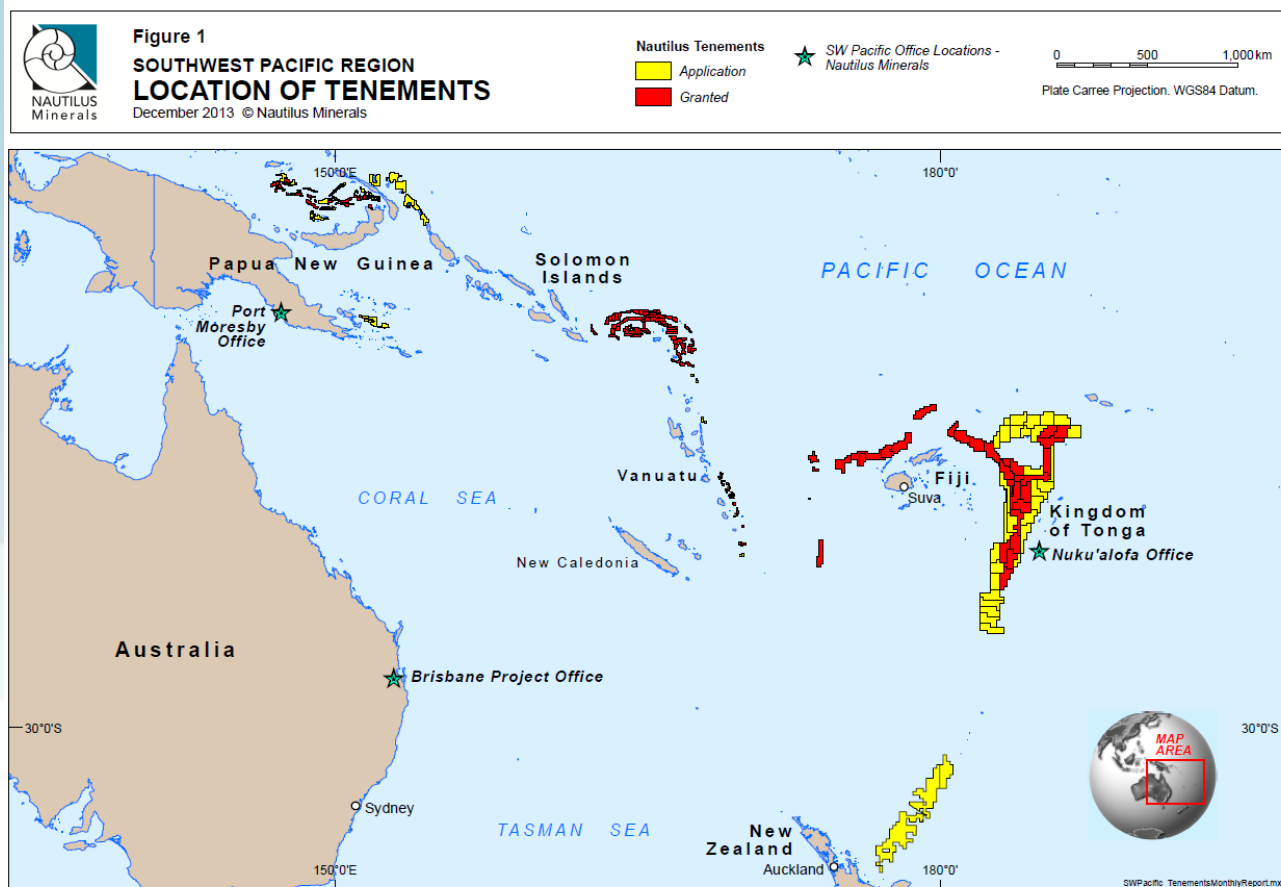
Bulk cutting trial



Image showing a biomass-dominant species at Solwara 1: *Ifremeria nautiliei* (aka the "black snail")

Prospectivity - South West Pacific Focus

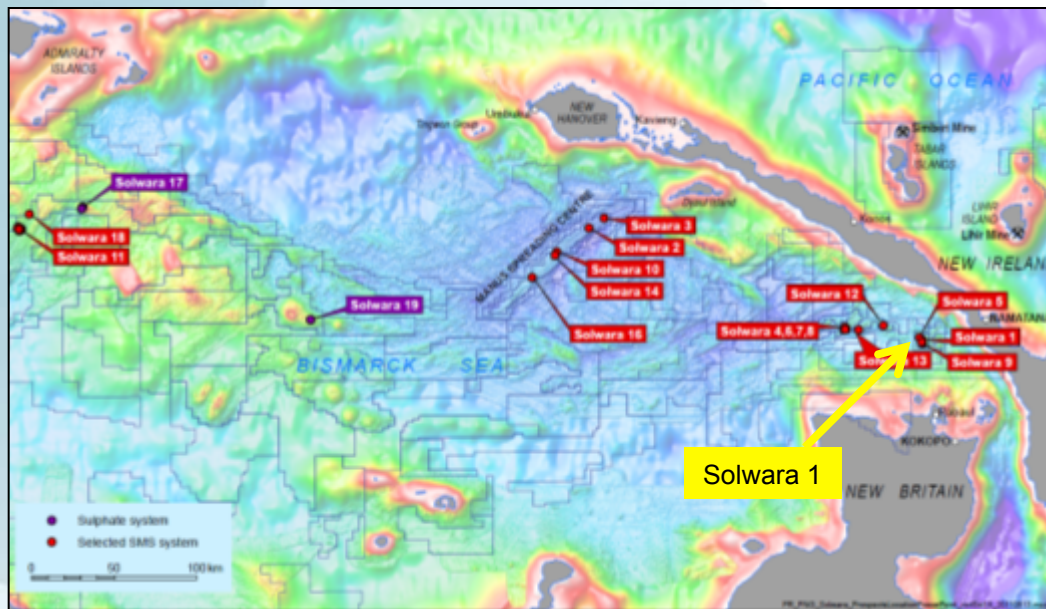
- Total of ~ 500,000 km² of tenements in multiple jurisdictions (1)



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

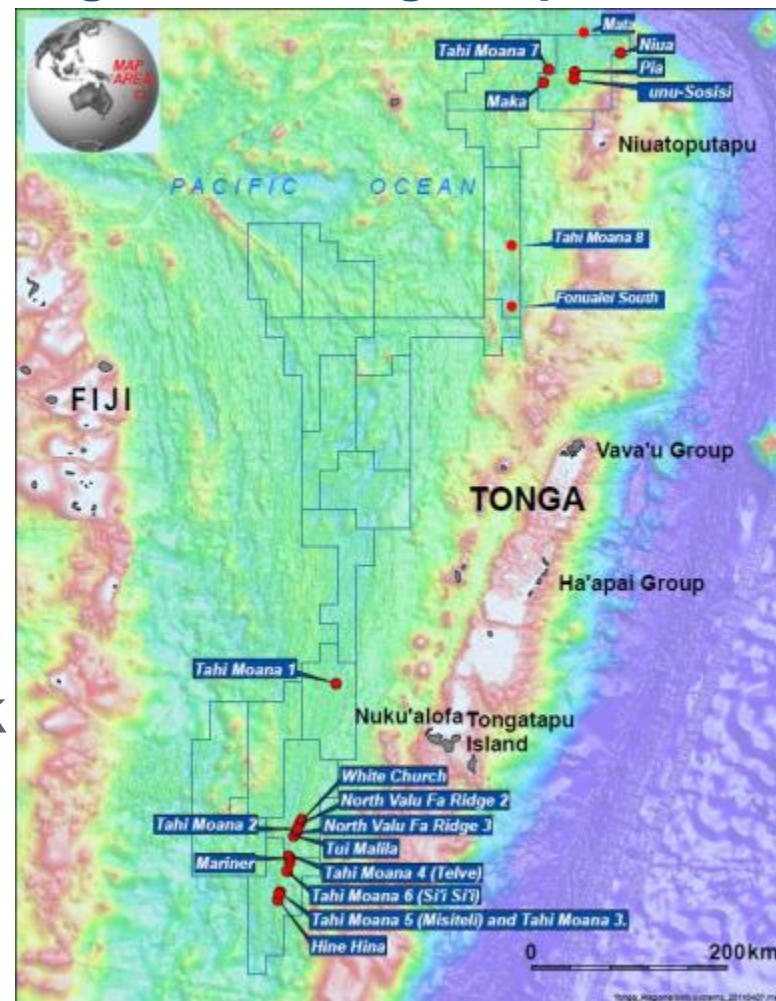
Exploration Success – lots of them

Bismarck Sea Exploration

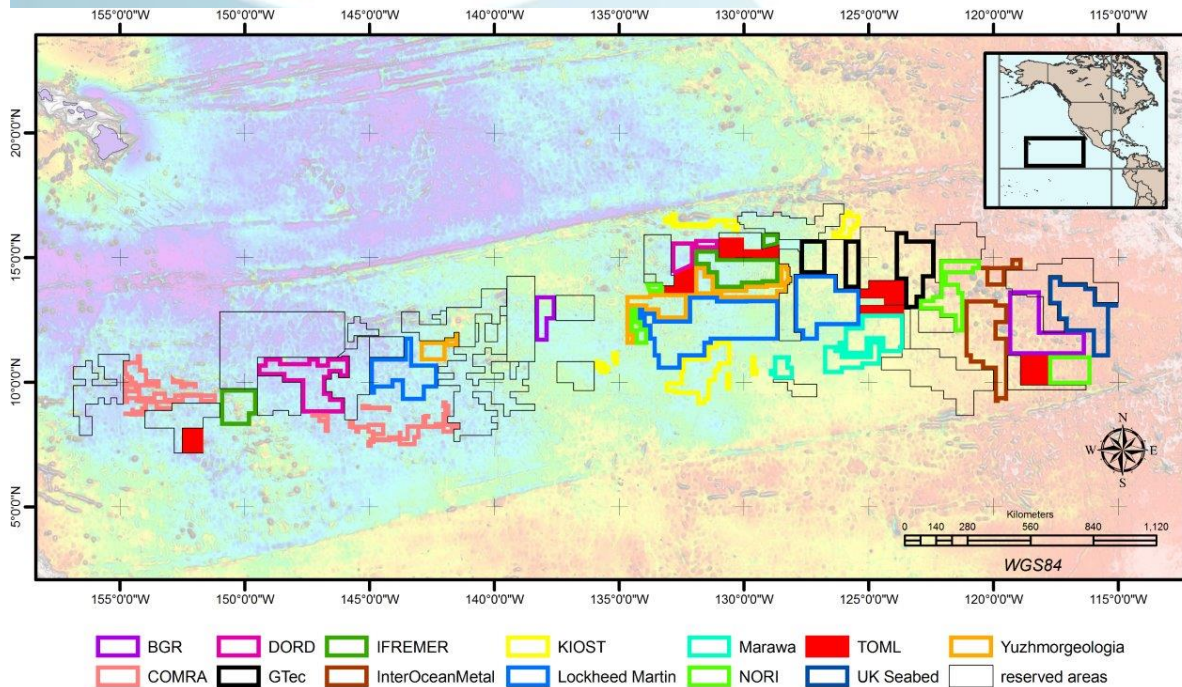


- 19 prospects identified in Bismarck Sea, PNG
- 19 prospects identified in Tonga

Kingdom of Tonga Exploration



Polymetallic Nodules - Massive Resource



- Are rock concretions on seafloor at depths starting at 4,500 metres
- Rich in copper, nickel, manganese and cobalt
- Clarion Clipperton Zone has the largest known deposits found at depths over 4,000 metres
- ISA suggests potential 670 million tonnes of Cu @1% Cu #
- Nautilus has an NI 43-101 resource

410 million tonnes @ 1.2% Ni, 1.1% Cu, 0.24% Co, and 26.9% Mn*

- Sponsored by Tongan Government
- 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

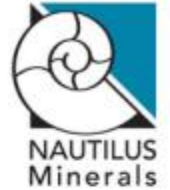
*Resource prepared by Matthew Nimmo, Principal Geologist, Golder Associates Pty Ltd, a member of the Australian Institute of Geoscientists and a qualified Person under NI 43-101
 # ISA, A geological model of polymetallic nodule deposits in the CCZ, Technical Study No 6

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



Case for the Future



- ✓ **SOCIALLY AND ENVIRONMENTALLY RESPONSIBLE** – small environmental footprint, minimal community impact
- ✓ **UPSIDE** – 38 systems identified to date along 5-10% of prospective geological strike
 - 410mt nodule resource > 1% Cu
- ✓ **FIRST FOLLOWER** – proven technologies and exploration (PNG and Solwara 1)
- ✓ **HIGH GRADE** – SMS up 7% copper and 20g/t gold
 - Nodules: >4% Cu eq¹
- ✓ **AGGREGATED** – mobile production vessels provide platform for longer term production potential
- ✓ **BUILDING LONG TERM VALUE FOR STAKEHOLDERS**

¹ \$ price per lb - Cu@\$2.75, Ni@\$6.50 Co@\$10.00



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