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- All information of a scientific or technical nature contained in this Presentation has been reviewed and approved by Mike Johnston, President and CEO of Nautilus Minerals Inc. (the “Company” or “Nautilus”), who is a qualified person under National Instrument 43-101.
- 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 (collectively “forward looking statements”).
- Material forward-looking statements include statements or information with respect to the obligations of the Company and its counter parties under various agreements related to the Company’s seafloor development; the Company's ability to locate, mine and transport mineralized material from the seafloor; the method of transport of mineralized material from the Company’s Solwara and CCZ projects; any estimates of anticipated costs and expenditures; development and production timelines and the cost, timing and delivery and effectiveness of the seafloor production tools, the riser and lifting system and the production support vessel; and plans to upgrade a portion of the resources at the CCZ Project.
- We have made numerous assumptions about the material forward-looking statements contained herein, including assumptions relating to the future price of copper, gold, silver and zinc; that anticipated costs and expenditures will be as planned; that key components of the seafloor production system will be built on schedule and in accordance with Nautilus’ specifications; and our ability to achieve our goals. Even though our management believes that the assumptions made and the expectations represented by such statements are reasonable, there can be no assurance that the forward-looking statements will prove to be accurate. Accordingly you should not place undue reliance on forward-looking statements.
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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”.
- Nautilus requires significant additional funding to advance the Solwara 1 Project towards production. There can be no assurance that the Company will be able to obtain at all or on acceptable terms the remaining financing necessary to fund the completion of the build and the deployment of the Company’s seafloor production system.
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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.

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April 2016

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Agenda

- Nautilus Minerals
- The Solwara 1 Project
- Mining Method & Equipment Design
- Status of Equipment Build
- Questions
Who is Nautilus Minerals?

- TSX listed and trading on OTCQX and Nasdaq Intl Designation
- Market capitalisation ~C$116 million as at February 17, 2016
- Cash on hand ~US$50* million as at February 15, 2016
- “The world’s leading company for seafloor mining”

Seafloor mining - the next big disruptive technology

- Named to 2015 OTCQX Best 50
- Advancing projects in PNG and the Pacific

*additional $21 million raised from recent April 2016 rights issue.
Seafloor Massive Sulphides

- Seafloor Massive Sulphide ("SMS") deposits form on the ocean floor
- High grades of copper, zinc, gold, silver and other trace metals
- Modern-day equivalents of ancient 'land-based' Volcanogenic Massive Sulphide ("VMS")
- “Cluster” near plate boundaries

1. Initiation of hydrothermal discharge and chimney growth
2. Collapse of old chimney and growth of new chimney
3. Growth of mineral sulphide mound by accumulation of chimney talus and defocusing of hydrothermal discharge
4. Decrease of mound permeability and intra-mound sulphide precipitation, replacement and remobilisation
Why go to the sea?

Land-based mine

- World’s demand for metals continues to rise
- Land resources are stretched; declining grades, more waste, larger footprints
- Seafloor believed to contain substantial amounts of key metals (Cu, Ni, Co, Mn, Au, Zn)
- 40+ years of Oil and Gas development and R&D to leverage off

Deep sea production

- HIGH GRADES
Agenda

- Nautilus & Subsea Mining
- The Solwara 1 Project
- Mining Method & Equipment Design
- Status of Equipment Build
- Questions
The Solwara 1 Project

- Located in the Bismarck Sea, PNG, at 1,600m water depth
- High grade copper and gold SMS system
- Environmental Permit and Mining Lease granted

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

Source: Brook Hunt, a Wood Mackenzie Company

Nautilus Resource Estimate prepared by Ian Lipton, BSc (Hons), FAusIMM, Principal Geologist, Golder Associates Pty Ltd. Effective Date: 25 Nov 2011. Mineral Resources based on 2.6% Cu eq cut-off grade
The Solwara 1 Mine Site

The Solwara 1 Mine Extends Over a Seabed Area
Approx. 1200m x 600m in 1500-1700m Water Depth.
Agenda

- Nautilus & Subsea Mining
- The Solwara 1 Project
- Mining Method & Equipment Design
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- Questions
Using the best – wherever they are

Key

- **Mining**
  - Seafloor Production Tools
    - United Kingdom
  - Surface Pumps
    - United Kingdom
  - Slurry Pumps
    - Netherlands
- **Marine**
  - Locomotion Tracks
    - Italy
  - Lift Wires
    - Italy
  - Cargo Handling
    - Italy
  - A-Frames
    - Poland
  - Production Cutters
    - Zeitweg, Austria
  - Cranes
    - Norway
  - Subsea Motors
    - Perth, Australia
  - Subsea Slurry Pump
    - Houston USA
  - Pipe Handling (RALS)
    - China
  - Lift Winches
    - Korea
  - Integration Yard Location
    - Singapore/Batam
  - Project Office
    - Brisbane, Australia
  - Dewatering Plant
    - Brisbane, Australia
  - Riser System
    - Houston USA
  - Registered Office
    - Vancouver, Canada

- **Oil & Gas**
  - Engineering Consultants
    - Cape Town, South Africa
  - Integration Engineering & Management
    - Perth, Australia
  - Vessel
    - China
  - LARS design, EPU
    - Norway

**Registered Office**
- **Vancouver, Canada**

**Project Office**
- **Brisbane, Australia**

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April 2016
Seafloor Production System – how it works

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, ore storage and control centre

- **Riser and Lifting System**
  - Lifts material to the surface

- **Seafloor Production Tools**
  - Three remotely operated machines, cutting and collecting material
Mining Method – Open Pit Style
Auxiliary Cutter – Pioneering & Access

**Auxiliary Cutter**
- **Length**: 15.8 m
- **Width**: 6.0 m
- **Height**: 7.6 m
- **Boom swing**: 11.6 m
- **Boom cutting**: +4 -1.0 m
- **Weight**: 240t
- **Installed Power**: 2 MW
## Bulk Cutter – Production

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>14.2 m</td>
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<tr>
<td>Width</td>
<td>4.2 m</td>
</tr>
<tr>
<td>Height</td>
<td>6.8 m</td>
</tr>
<tr>
<td>Cutter Width</td>
<td>4.2 m</td>
</tr>
<tr>
<td>Cutting Height</td>
<td>+4, -0.5 m</td>
</tr>
<tr>
<td>Weight</td>
<td>280t</td>
</tr>
<tr>
<td>Installed Power</td>
<td>2.5 MW</td>
</tr>
</tbody>
</table>

[Image of Bulk Cutter](image-url)
**Collection Machine – Collection to Surface**

<table>
<thead>
<tr>
<th><strong>Collecting Machine</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Length:</td>
<td>16.5 m</td>
</tr>
<tr>
<td>Width:</td>
<td>6.0 m</td>
</tr>
<tr>
<td>Height:</td>
<td>7.6 m</td>
</tr>
<tr>
<td>Collection height:</td>
<td>-2 m  +5 m</td>
</tr>
<tr>
<td>Collection width:</td>
<td>± 4 m</td>
</tr>
<tr>
<td>Weight:</td>
<td>180t</td>
</tr>
<tr>
<td>Installed Power:</td>
<td>1.8 MW</td>
</tr>
</tbody>
</table>
Riser and Lifting System (RALs)

- Rigid steel riser (3-pipe)
- Derrick & handling system
- Surface high pressure pumps
- Subsea slurry lift pump
Subsea Slurry Lift Pump (SSLP)
Production Support Vessel (PSV)
PSV Specifications

- Principal Particulars:
  - Length: 227m
  - Breadth: 40m
  - Depth: 18.2m
  - Ore Storage Capacity: 45,000Te
  - Power Generation: 31MW
  - Complement: 180
  - Dynamic Positioning: DP 2
  - Class Approval: ABS
Agenda

- Nautilus & Subsea Mining
- The Solwara 1 Project
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Bulk Cutter Delivered for Wet Testing
Auxiliary Cutter Delivered for Wet Testing
Collecting Machine Delivered for Wet Testing
Current status of the Seafloor Production Tools

- Seafloor Production Tools (SPTs)
  - Delivered
  - Wet testing planned H1 2016
- Umbilical winches for the 3 SPTs
  - FAT completed
  - Will be dispatched to the shipyard by Q2 2016
SPT Deployment Systems Complete

A-frame Deck Foundation

A-frame in manufacture

3D image of LARS

LARS Lift Winch with the Drum

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

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

SSLP – Assembly Complete and FAT Started

SSLP Umbilicals Reels - Spooled

Manifold pipe work
Riser Welding and Coating being Completed

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Riser Assembly in Progress
Current status of the Production Support Vessel

- Marine Assets Corporation – Vessel Owner
- Fujian Mawei Shipbuilding Ltd. – Building the Production Support Vessel (PSV)
- Key vessel contracts awarded

<table>
<thead>
<tr>
<th>Package</th>
<th>To Whom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrated vessel control system (IVCS)</td>
<td>Kongsberg Maritime</td>
</tr>
<tr>
<td>Electrics</td>
<td>Siemens</td>
</tr>
<tr>
<td>Engines &amp; thrusters packages</td>
<td>Rolls Royce Marine</td>
</tr>
<tr>
<td>Cargo handling equipment</td>
<td>Bedeschi SPA</td>
</tr>
<tr>
<td>Cranes</td>
<td>MacGregor</td>
</tr>
</tbody>
</table>

- Vessel dewatering plant detailed design contract awarded to the DRA Group
- First Steel cut September 2015

- Current Status for the PSV
  - Production Drawings Issued – 223 (73%) block drawings issued
  - Steel cutting progress - 13,500 tonnes (66%) steel cut, 117 blocks assembled and an additional 28 blocks in the fabrications stage
PSV Block Construction Underway
Earth Economics Report

- Natural Capital Evaluation – assessment of the economic value of ecosystem services damaged by mining
- Comparison of annual impacts between terrestrial coppers mines and Solwara 1
- Report concluded: *Seafloor mining can significantly reduce the social and environmental impacts of copper mining*

<table>
<thead>
<tr>
<th>Magnitude of Annual Impacts Assessed*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prominent Hill</td>
</tr>
<tr>
<td>Bingham Canyon</td>
</tr>
<tr>
<td>Inga</td>
</tr>
<tr>
<td>Solwara 1</td>
</tr>
</tbody>
</table>

* Refer to “Analysis IV” in the Report for details which is available on the Nautilus website

- Extracting resources in an environmentally responsible way will take pressure off limited land resources
- Company meets almost all applicable IFC and World Bank performance standards and guidelines (the Company intends that these requirements be met by commencement of operations)

The analyses suggest that DSM mining in PNG has the potential to make the citizenry as a whole better off.
Thank you for your attention

John Parianos

www.nautilusminerals.com
www.cares.nautilusminerals.com