

#### ASX / MEDIA ANNOUNCEMENT

ASX: NCZ 31 May 2018

#### **CENTURY MONTHLY DEVELOPMENT UPDATE - MAY 2018**

- New Century continues strong progress toward restarting of operations at Century, with refurbishment activities on budget and schedule - now over 70% complete
- Key developments during May:
  - o Mining: Further civil construction progress and offsite equipment fabrication
  - **Processing Plant:** Majority of mechanical equipment refurbished, instrument refurbishment underway and control system replacement continuing
  - Pipeline: Successful removal of cleaning pig & commissioning preparations underway
  - o Port: Minor refurbishment works nearing completion in readiness for commissioning
  - Support Services: 275 rooms now established, site wide safety systems back online
  - Offsite: \$40M equity raising completing funding requirements, Sedgman O&M Contract awarded, Expansion PFS continuing & South Bock access approvals obtained
- Project remains on track for commissioning in July & first production in August 2018

New Century Resources Limited (Company or New Century) (ASX:NCZ) is pleased to provide an update on progress toward the restarting of operations at the Century Zinc Mine during May 2018.



Figure 1: Century Processing Plant refurbishment well advanced with commissioning due in July 2018



# Hydraulic Mining & Feed Preparation Highlights

- Tailings Receival Sump excavation for the install of the Slurry Winning Pontoon continuing with 30% completed to date
- Earthworks for hydraulic mining operations and administration areas completed, with concrete civils works due for completion in June
- Tailings transfer pipework installation underway, connecting the tailings slurry pumping infrastructure to the existing pipework leading to the Processing Plant
- Continuing offsite fabrication of hydraulic mining equipment including Slurry Winning & Water Winning Pontoons, with initial deliveries due early June
- 11kV powerline from site to tailings facility nearing completion, with 24 of 44 poles erected and fully strung
- Tailings feed preparation works (adjacent to Century Processing Plant) continuing, with concrete civils now complete



Figure 2: Hydraulic mining plan over the next 15 months, with location of the the tailings slurry receival sump shown in the top left corner of each map (section I7 on the 'Q4 2019' above)



Figures 3 & 4: Aerial view of the hydraulic mining area with evaporation dam in the background (left) and Tailings Slurry Receival Sump excavation activities (right)





Figures 5 & 6: Delivery and installation of tailings transfer pipework to transport slurry to the Processing Plant



Figures 7 & 8: Hydraulic mining bobcats to be mounted with water cannons for operations (left) and Warman Slurry Pumps fabricated and ready for shipment to site (right)



Figures 9 & 10: Design of the Water Winning Pontoon for extraction of feed water from the Evaporation dam (left) and fabrication of the pontoon in Perth nearing completion for June delivery (right)

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# **Century Processing Plant Development Highlights**

- Average of ~110 Sedgman & Ausenco contractors on site during the month of May
- Ball mill inspections, lube system refurbishment, trommel panel change out and initial inching run completed, ready to receive first fills for final load testing in July
- Feed cyclone and Float cell motor mechanical and electrical inspections complete
- Float cell clean out and inspection completed with only minor repairs to select cell liners and cone replacements required (to be completed in June)
- Full control system replacement continuing on schedule 68% complete to date
- Offsite fabrication of pipework modifications and feed preparation equipment continuing
- Ancillary thickener sand blasting and painting underway



Figures 11 & 12: Feed Cyclones and Float Cell mechanical and electrical testing completed, including a 2 hour performance run of all Float Cell motors



Figures 13 & 14: Ball Mill inspection, refurbishment and inching run completed in preparation for commissioning in July on receival of first fills of grinding media





Figures 15 & 16: Plant control system installation and point-to-point testing underway (left) and sand blasting and repainting of thickeners prior to water commissioning activities (right)



Figures 17 & 18: Tailings Feed Preparation area design overlayed on full site 3D lidar survey (left) concrete works nearing completion for the area (right)



Figures 19 & 20: Offsite pipework and equipment fabrication for Century Processing Plant refurbishment

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### Slurry Pipeline & Karumba Port Development Highlights

- Slurry pipeline cleaning pig removal program successfully completed, with pipeline commissioning process to be completed in June
- Port equipment inspections and general maintenance continuing in preparation of the restarting of operations
- Dredging underway in the Gulf of Carpentaria at the mouth of Norman River to allow year round access for concentrate shipments





Figures 21 & 22: Initial pipeline 'hot tapping' for localised draining, controlled removal and capture of water (left) and Process Plant & Pipeline Superintendent Chris Portelli with the extracted cleaning pig (right), allowing for water commissioning activities to begin in June



Figures 23 & 24: All lighting re-established at the Karumba Port Facility including wharf area (left) and dredging activities underway in the mouth of the Norman River (right)



## **Other Development Highlights**

- Over 25,000 hours completed to date without a Lost Time Injury
- Successful completion of Demo Plant with development of a process video available online at <u>www.newcenturyresources.com</u> or by clicking the link in Figure 28 below
- Completion and release of Independent Due Diligence Report from SRK Consulting
- Completion of \$40M equity raising to fully fund the project into cashflow
- Signing of a five year Operations & Maintenance Contract with Sedgman for Plant, Pipeline and Port activities
- Execution of historic Cultural Heritage Management Plan and Mining Services agreement for access to South Block Resource development



Figures 25 & 26: Sedgman and New Century on site crews (left) and Waanyi, Downer and New Century staff (right) marking the signing of the respective O&M contract and South Block cultural heritage access agreements



Figures 27 & 28: Operation of the Demo Plant at ALS in Perth (left) with a link (right) available to the video presentation (available via clicking on the picture above or via the website link <u>www.newcenturyresources.com</u>)