

Namib Lead & Zinc Mining



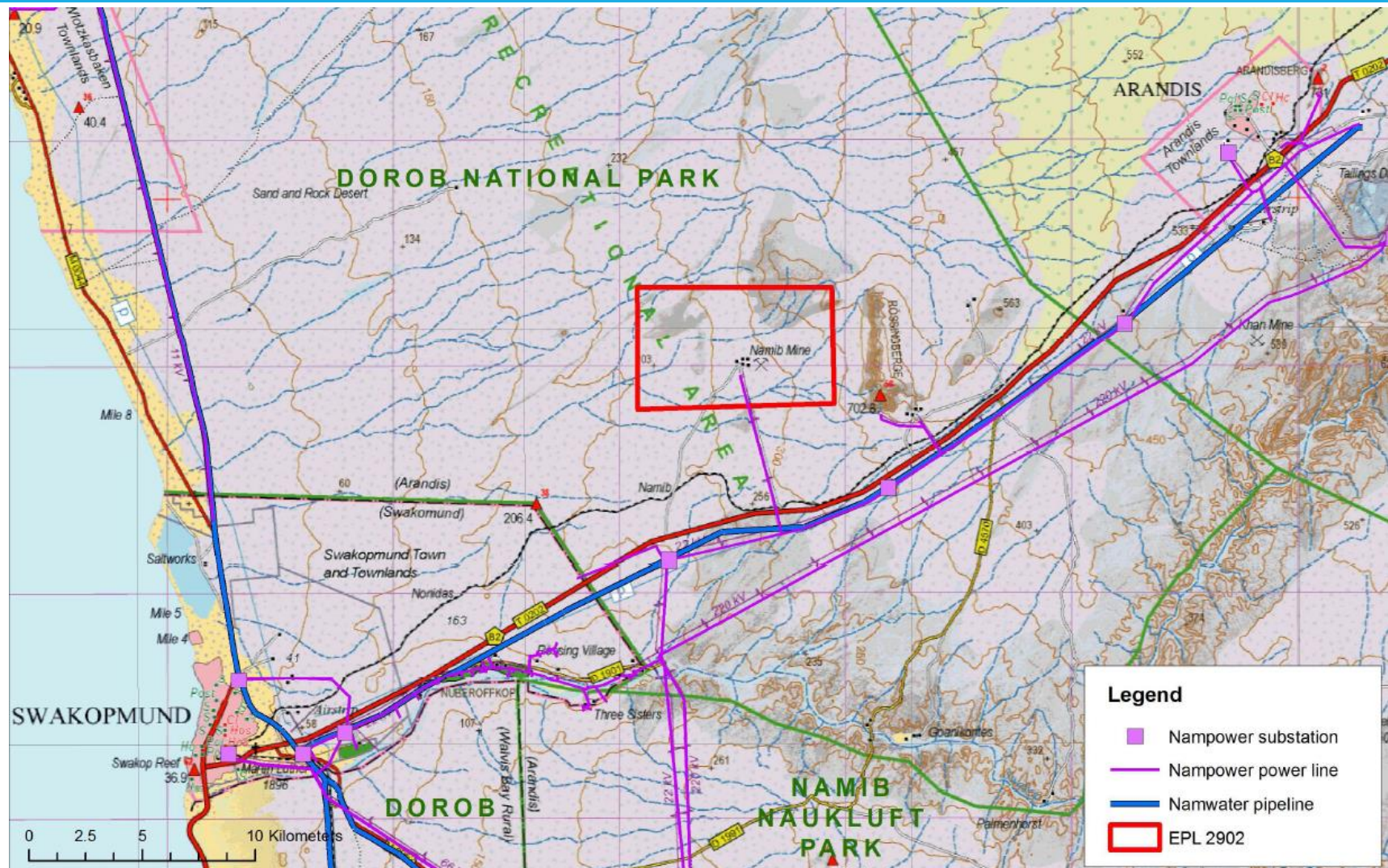
MINING CONFERENCE



THE CHAMBER OF MINES
OF NAMIBIA

8 MAY 2019

Mine location



Deblin Mine history

- Deblin Mine operated from 1968 to 1991
- Underground mining, labour intensive
- Initially a lead mine, but in mid-70s also recovered zinc
- Over 600,000t mined
- Very few records remain



Mining was small-scale & labour intensive



Deblin Mine site abandoned

- Mine closed in 1991, then site abandoned
 - Lower commodity prices
 - Change in political scene in Namibia post Independence
 - Labour issues, leading to operational interruptions
- No organised site closure; information lost
- Environmental & safety liability

Abandoned plant site



Unsecured holings to surface



Cyanide drums left



Recent Mine history

- Deblin Mine closed 1991
 - Various groups worked on the project, including tailings retreatment project & exploration
- 
- Kalahari Minerals (WAGE) 2007 to 2009
 - North River Resources – from 2009 as NLZM
 - NLZM issued Mining Licence May 2017

Rehabilitation of abandoned mine site



- Old infrastructure removed
- Securing of dangerous areas
- Holings to underground made safe and cordoned off
 - Decline ramps
 - Old stopes

- Spilled tailings moved aside or into new tails impoundment
- All building rubble cleared
- Environmental monitoring systems introduced



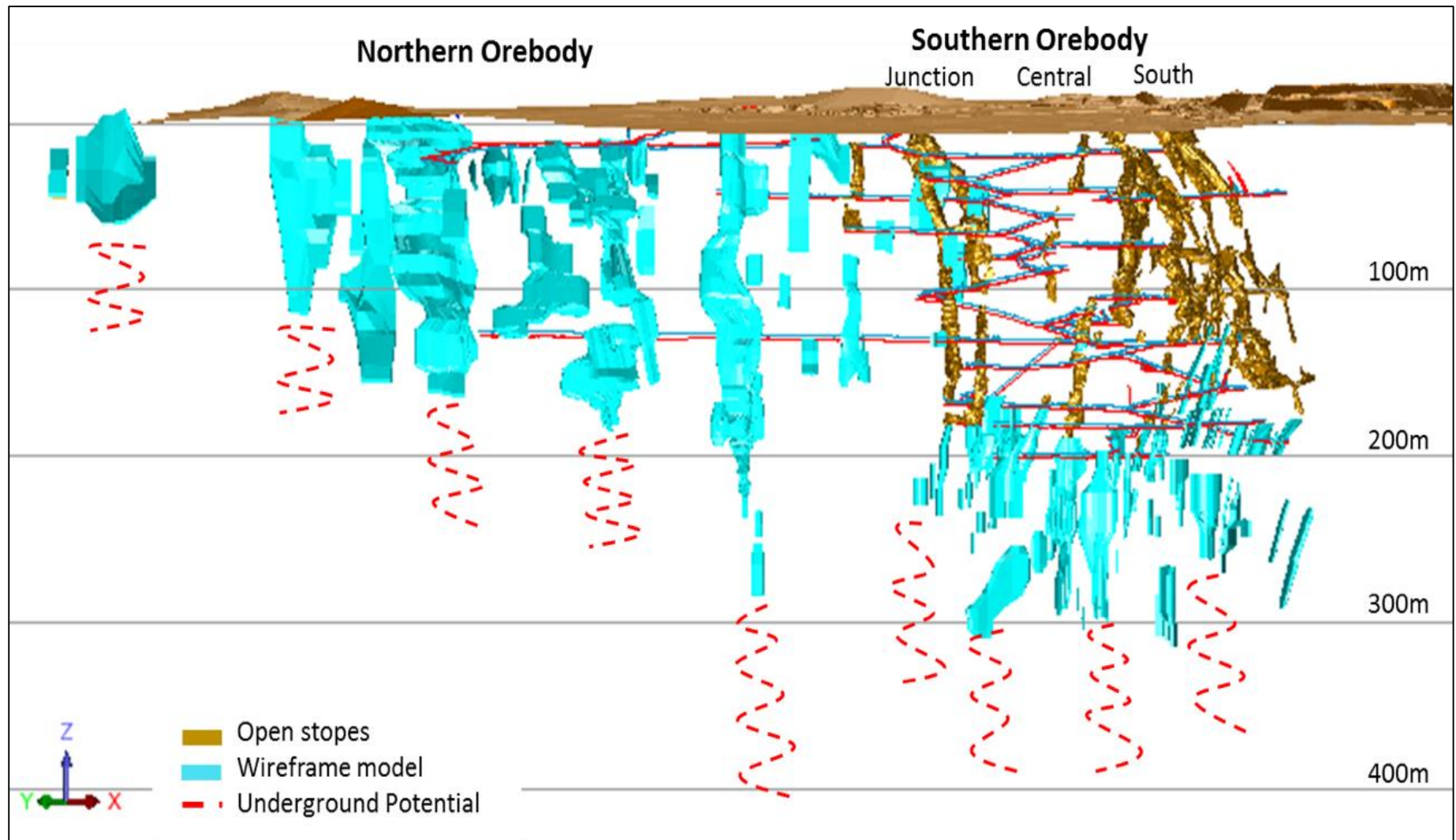
Project development timing – NRR

- Exploration, testing, studies to 2014
- Mining Licence granted in May 2017
- Updated FS in Oct 2017
- Financial close in March 2018
- Construction start in April 2018
- Commence mining in May 2018
- Plant commissioning starts Apr 2019
- **First sale of concentrate in Q2 2019**

Company fully funded until mid 2019

- Namib Lead & Zinc is fully funded for construction of mine and peripheral activities
 - N\$ 240 million raised from shareholders (March 2018)
 - N\$ 210 million directly for construction
 - balance for other activities including exploration
- Future exploration will be funded from revenue
- Clear strategy on exploration for resource and operational expansion

Resource & orebodies



Operations

- Resource of 1.12mt – 6.6% Zn, 2.3% Pb
- Phase 1 production of 10,000 tonnes monthly, expansion planned
- Zinc and Lead concentrates for export & opportunities for local beneficiation
- 9 years of mine life
- Ongoing exploration to extend mine life
- ML + 2 EPLs

Labour

- Planned workforce of 150
- Current – 140
 - Mining grads – 2
 - NIMT students – 7
- Employed a number of retrenched people



NLZM & economy

Annual contributions

- N\$ 63m salaries, wages & benefits
- N\$ 90m local procurement (+90% of total)
- N\$ 12m Royalties & Levies
- N\$ 14m Corp taxes (once payable)

NLZM Ownership structure

- North River Resources (90%)
 - Provided construction funding
- Community Trust (5%) & Employee Trust (5%)
 - Issued shares
 - Owner funded participation
 - CSR programs channelled via Community Trust
 - Currently funded to +N\$1m to date

Hauling rock – North Portal



Ore stockpile at North Portal



Crushing / milling circuit



Flotation & filtration circuits



Thank you



Namib Lead & Zinc Mining

A stylized graphic consisting of three wavy lines. The top line is blue, the middle line is dark blue, and the bottom line is a lighter blue. They are all curved upwards from left to right.

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