

**SEIA for
Proposed Mining of the Z20
Uranium Deposit**

Public Meeting

24 October 2012

Rossmund Golf Course

Welcome and Meeting Rules

- Welcome
- Meeting rules
 - Please complete attendance register
 - Please switch cellular phone off
 - Discussion will be at the end
 - State your name and association clearly
 - Please work through facilitator

Agenda

- Project Background
- Project Description
- SEIA Phases
- Specialist Studies
- Questions and Answers

Introductions: Rössing Uranium

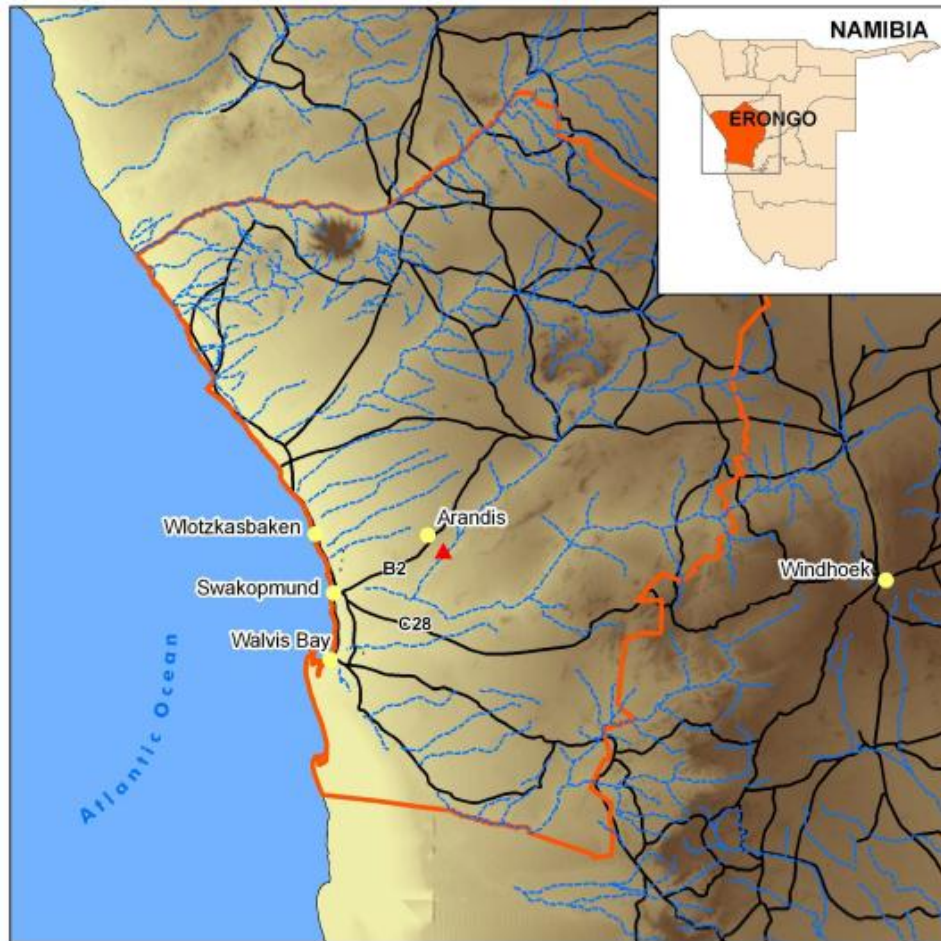
- Rainer Schneeweiss (Principal Advisor: Land Use Management)
- Pierre Smit (Environmental Stewardship)
- Calicious Tatalife (Socio Economist)
- Carlo van Heerden (Manager: Projects & Power Efficiency)
- Stephanie Brayshaw (Project Leader: Projects & Power Efficiency)
- Alwyn Lubbe (Rössing Corporate Communications)

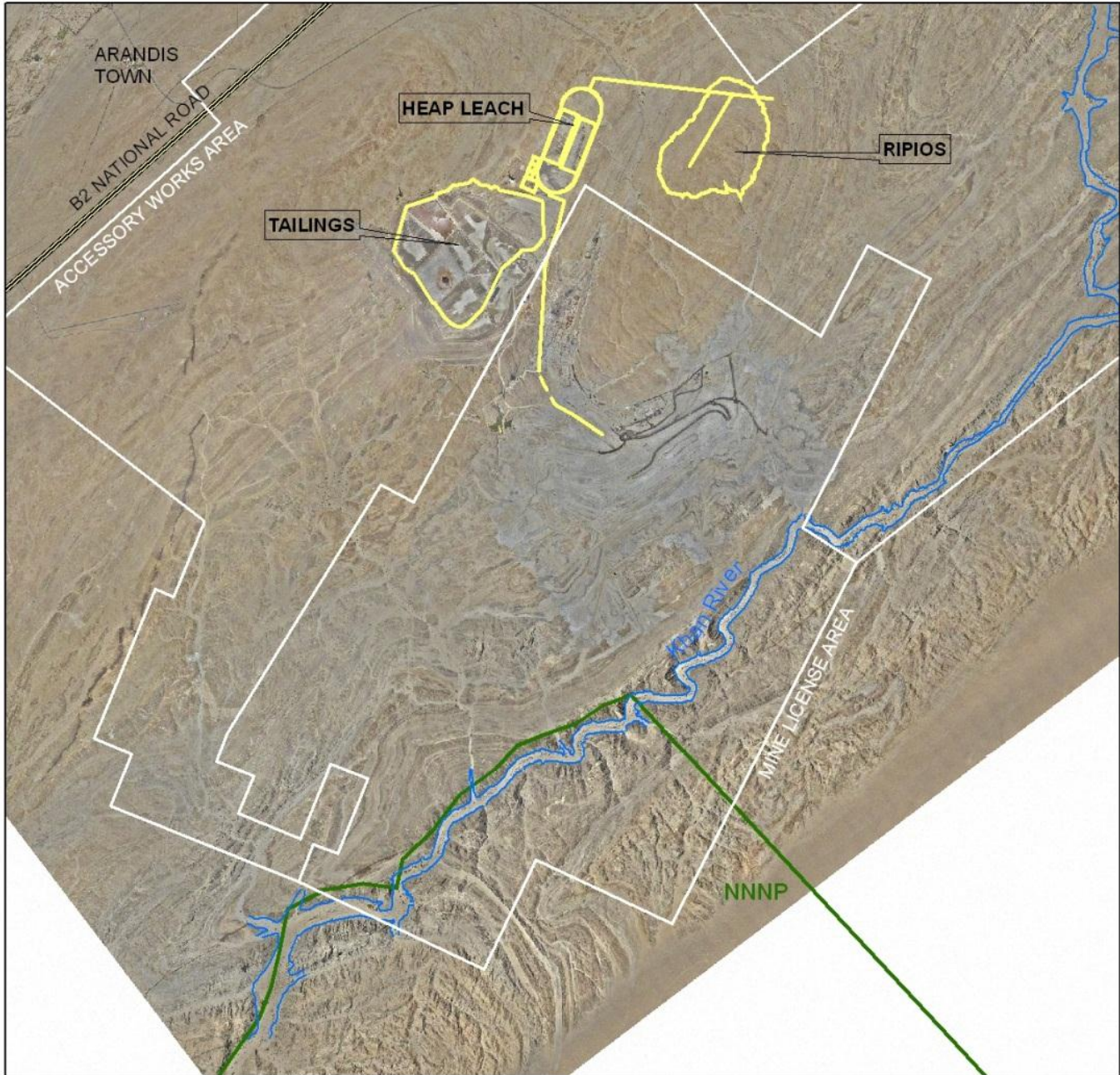
Introductions: Consultant Team

- Andries van der Merwe (Project Director)
- Werner Petrick (Project Manager)
- Stephan van den Berg (Project Manager)
- Robyn Christians (Project Staff)
- Bea Whittaker (Independent Facilitator)

- Hermann Frühstück (Doppelmayr MD)

Locality Map





LEGEND

RUL PHASE 2 APPROVALS
 PROJECT FOOTPRINTS

RUL Phase 2 SEIA Approvals

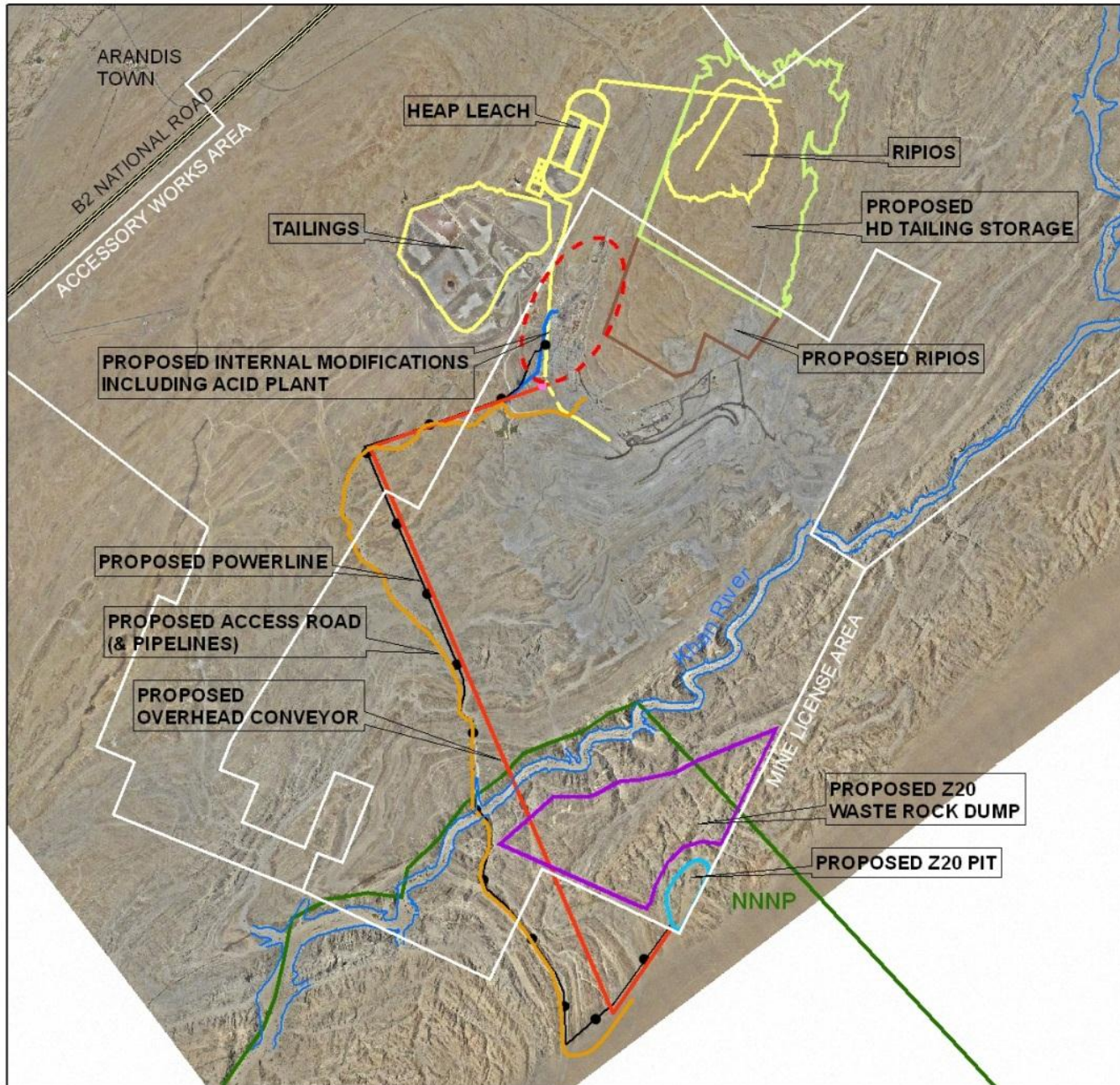
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LEGEND

- RUL PHASE 2 APPROVALS**
- PROJECT FOOTPRINTS
- PROPOSED Z20 PROJECT**
- OVERHEAD CONVEYOR
 - POWER LINE
 - ROAD
 - STOCKPILE
 - WATER SUPPLY
 - Z20 PIT
 - RIPIOS
 - HIGH DENSITY TAILINGS
 - WASTE ROCK DUMP

RUL Phase 2 SEIA Approvals & Proposed Z20 Project

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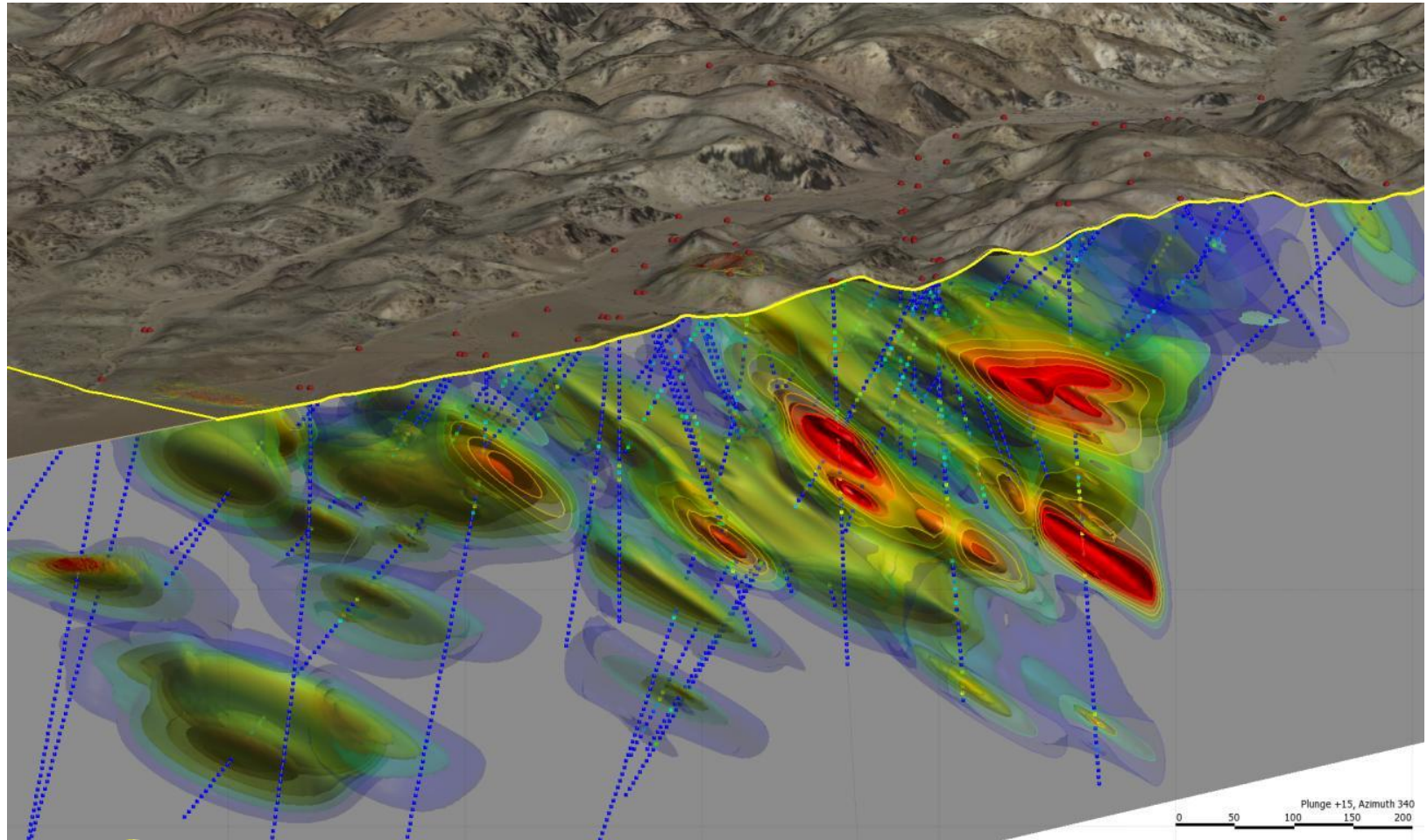
Z20 Project Timing

- Project investigations
 - Exploration
 - Engineering
 - Social and Environmental
- Z20 mining business decision will depend on
 - Financial feasibility
 - Outcome of impact assessment

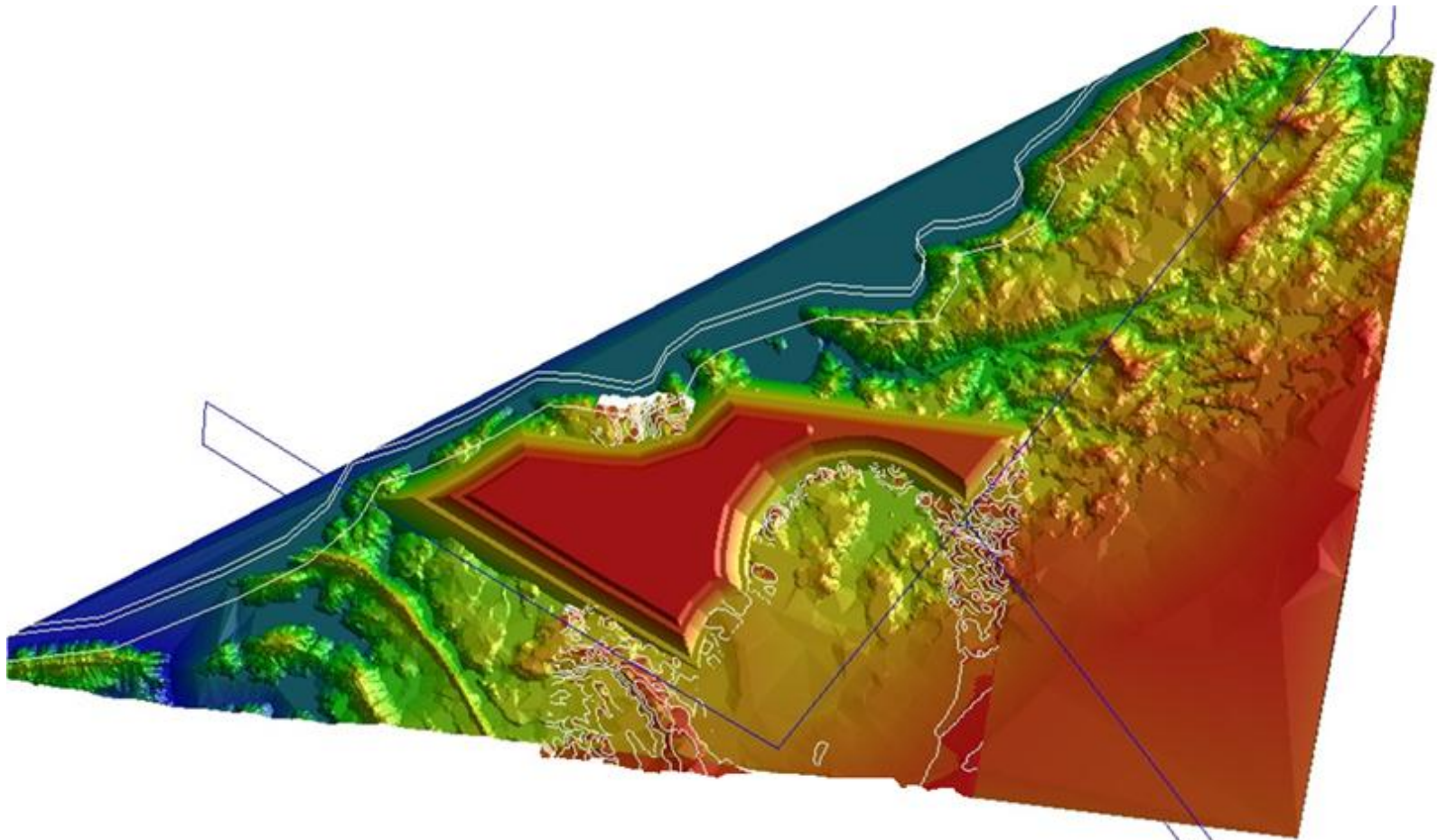
Z20 Project Overview

- Mining Z20 ore body + waste rock disposal
- Infrastructure corridor
- Production of sulphuric acid
- Processing plant modifications
- New high density tailings storage facility on the Rössing Dome

Z20 Exploration



Z20 Mining and Waste Rock Disposal



Infrastructure Corridor

- RopeCon®
- Access road
- Water supply pipeline
- Fuel supply pipeline
- Power supply

Infrastructure Corridor



RopeCon[®] Material & Ore Transport



RopeCon® Material & Ore Transport

RopeCon® Material & Ore Transport

- Towers



RopeCon[®] Material & Ore Transport

- Line structure



RopeCon[®] Material & Ore Transport

- Belt Turning Device



RopeCon® Material & Ore Transport

- Drive Machinery
- Tensioning Device



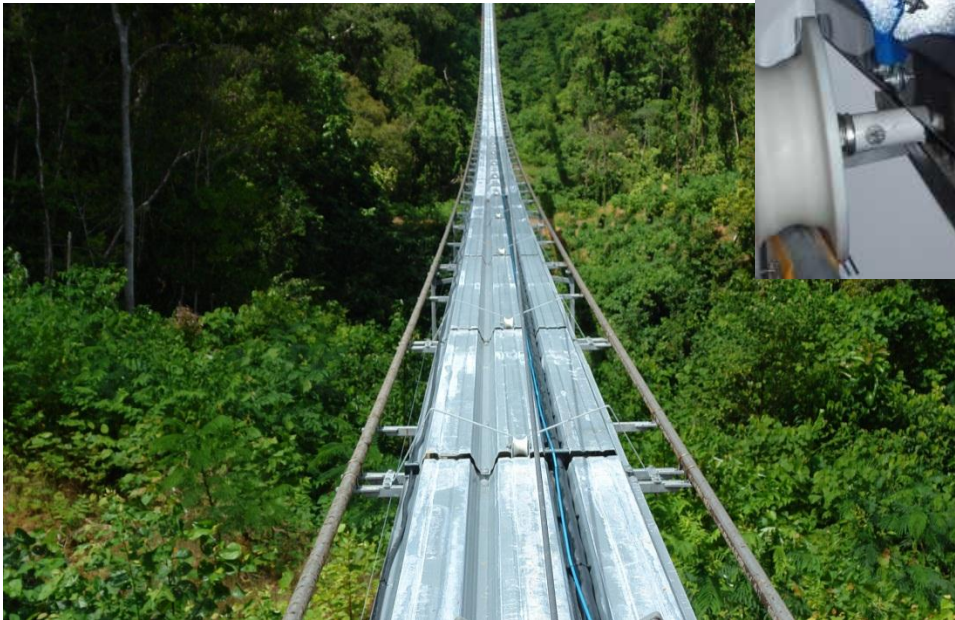
RopeCon® Material & Ore Transport

- Inspection trolley



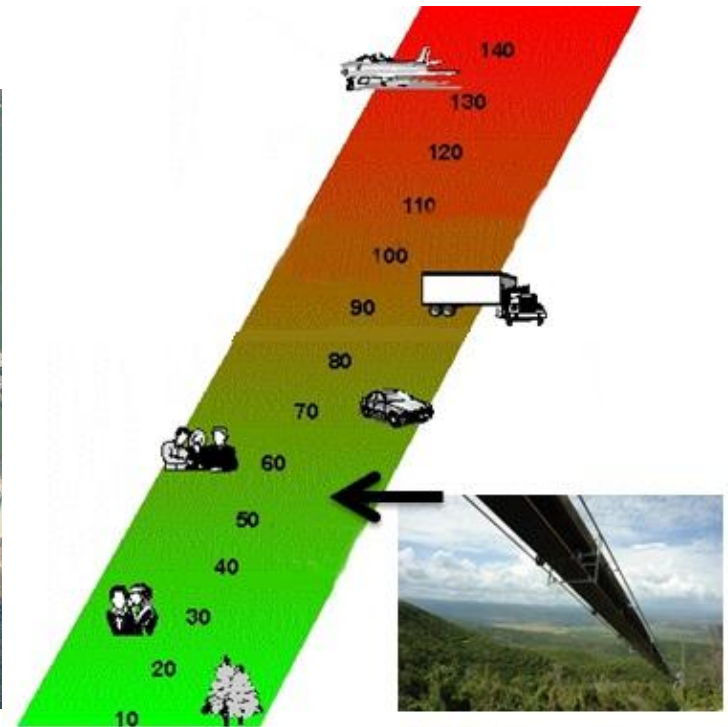
RopeCon[®] Material & Ore Transport

- Roof / Covers



RopeCon[®] Material & Ore Transport

- Noise



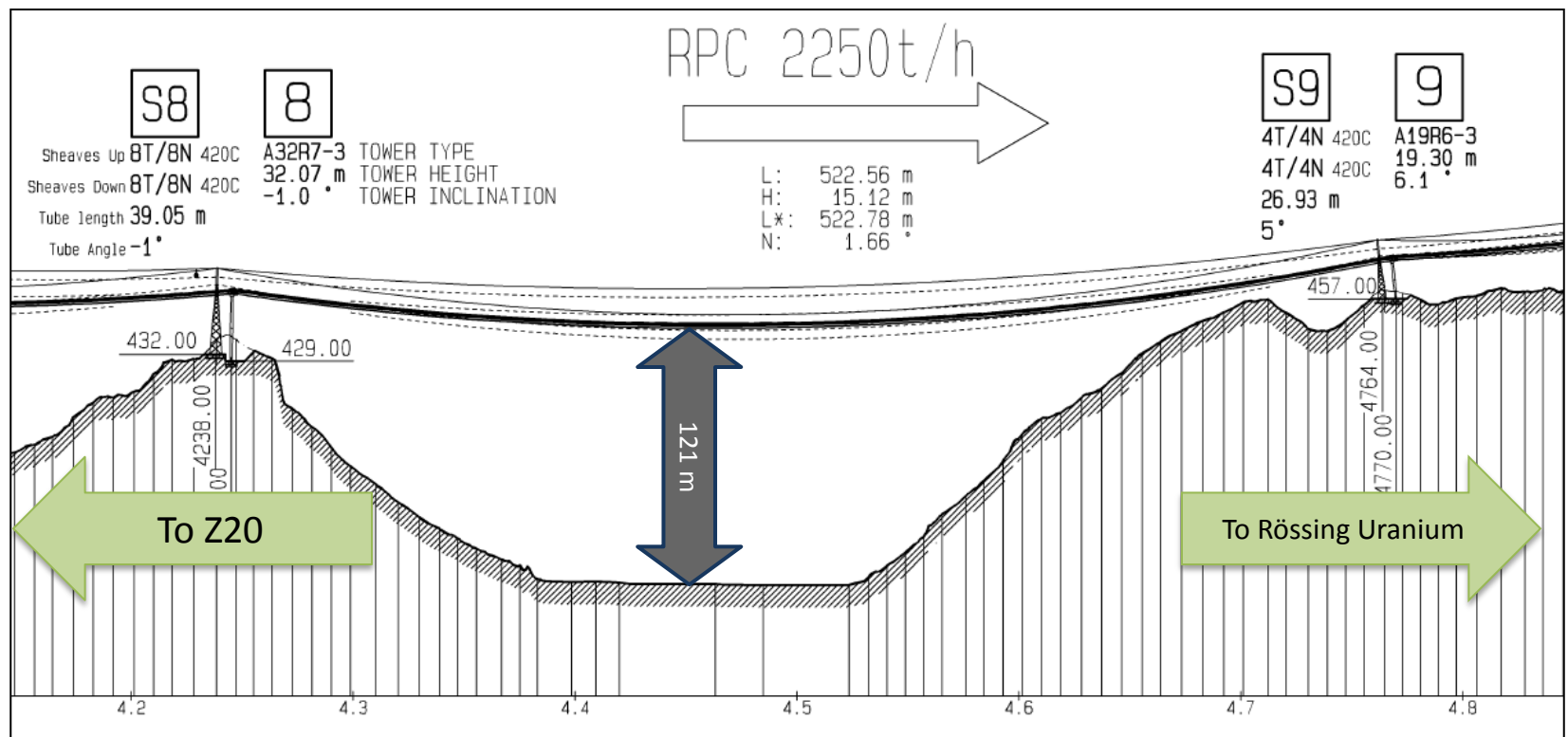
55 dbA at a distance of 1 m

RopeCon[®] Material & Ore Transport

- Section 1
 - RailCon 1.48km
 - RopeCon 8.36km
 - 24 Towers & Anchor Points
- Section 2
 - RopeCon 2.71km
 - 9 Towers & Anchor Points
- Design criteria
 - Speed 4.65m/s (16.74km/h)
 - Capacity 2250 t/h

RopeCon[®] Material & Ore Transport

- Khan River Crossing



RopeCon® Material & Ore Transport

- Construction



Infrastructure Corridor (Recap)

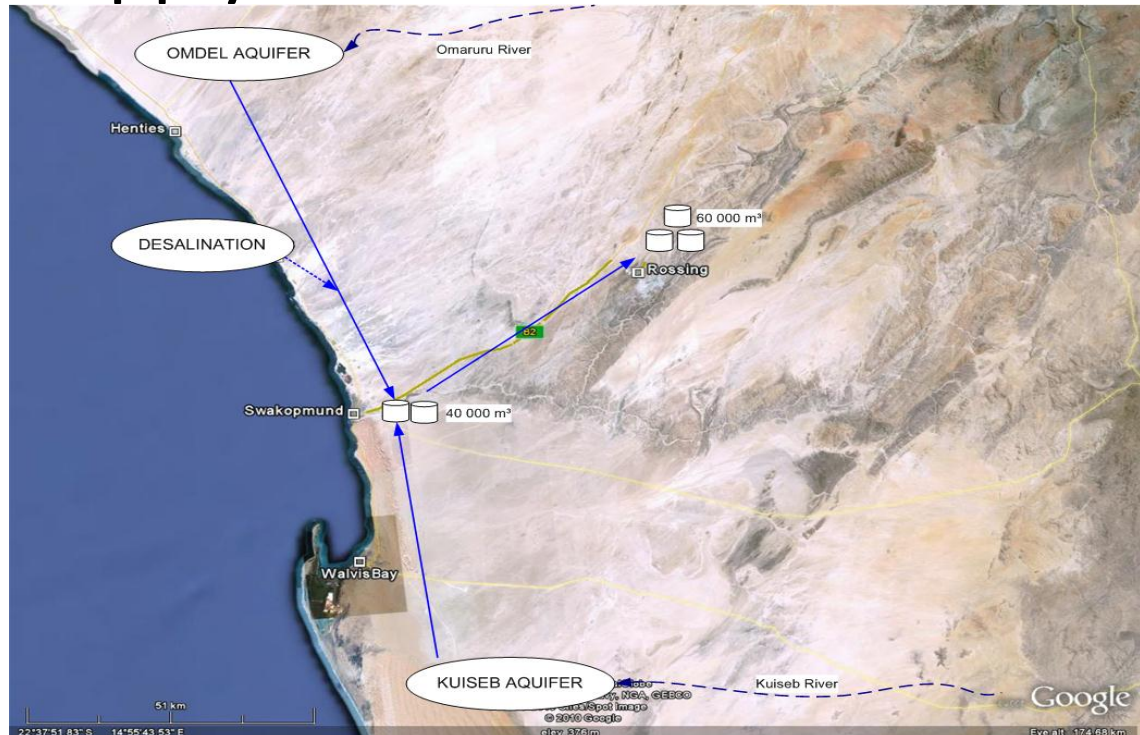


Access Road



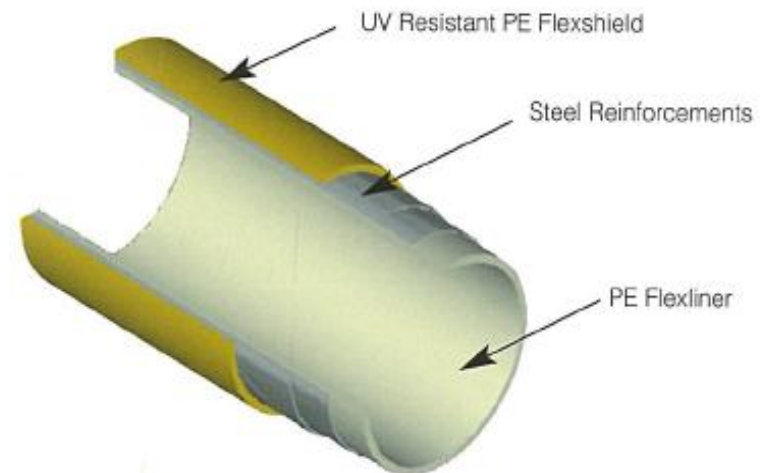
Water Supply

- Optimize existing NamWater to Rössing bulk water supply line



Fuel Supply

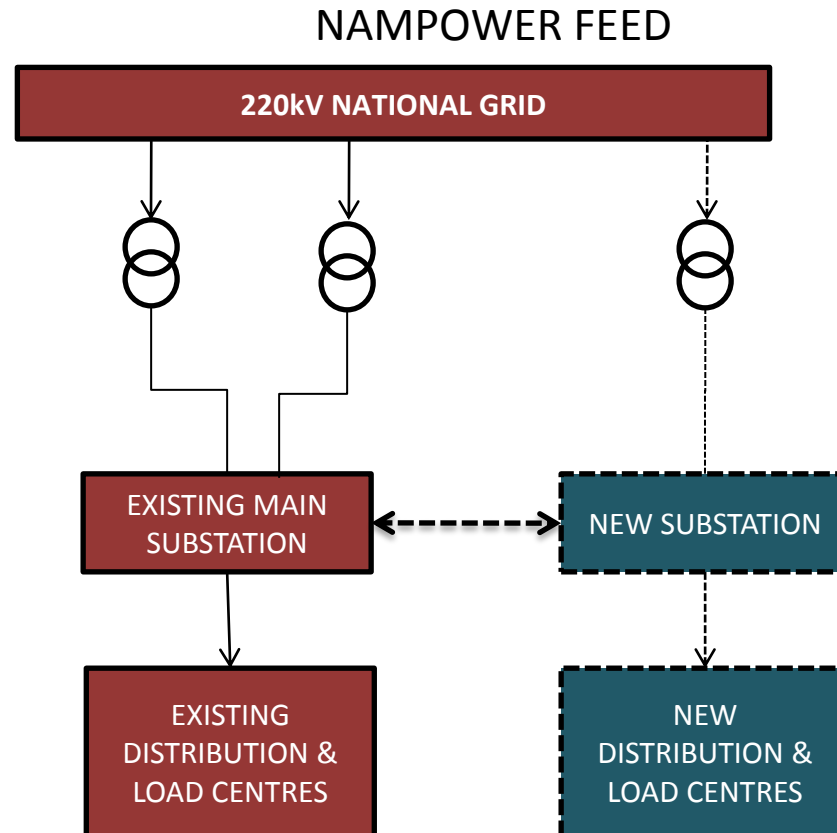
- Flexsteel pipeline along RopeCon
- Length: 14 km
- Diameter: 75mm
- Safety in design:
 - 100mm PE pipe sleeve
 - Flow, pressure & temperature monitoring
 - Shutoff valves

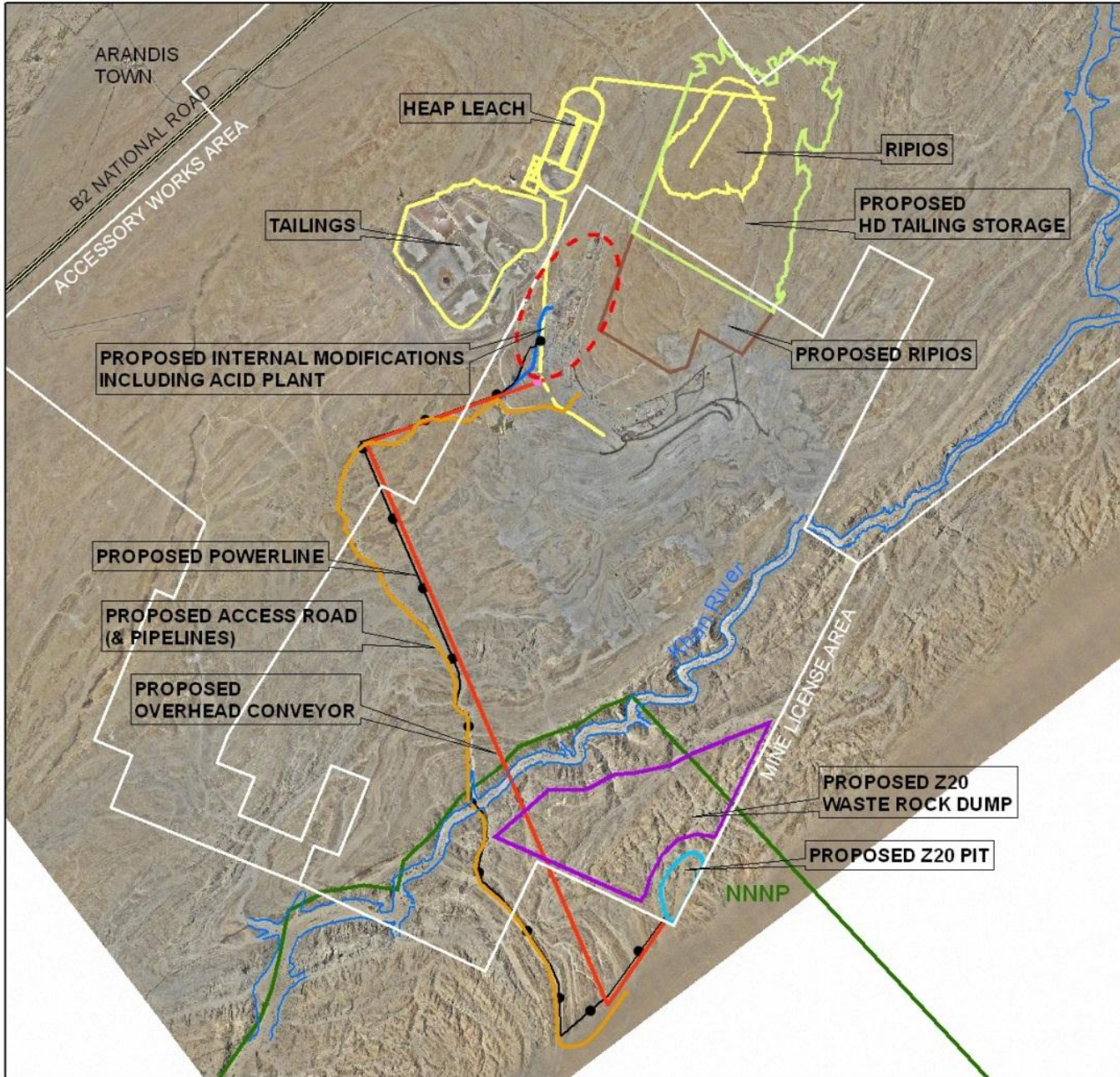


Power Supply

Existing Capacity: 40MW

Upgraded Capacity: 60MW






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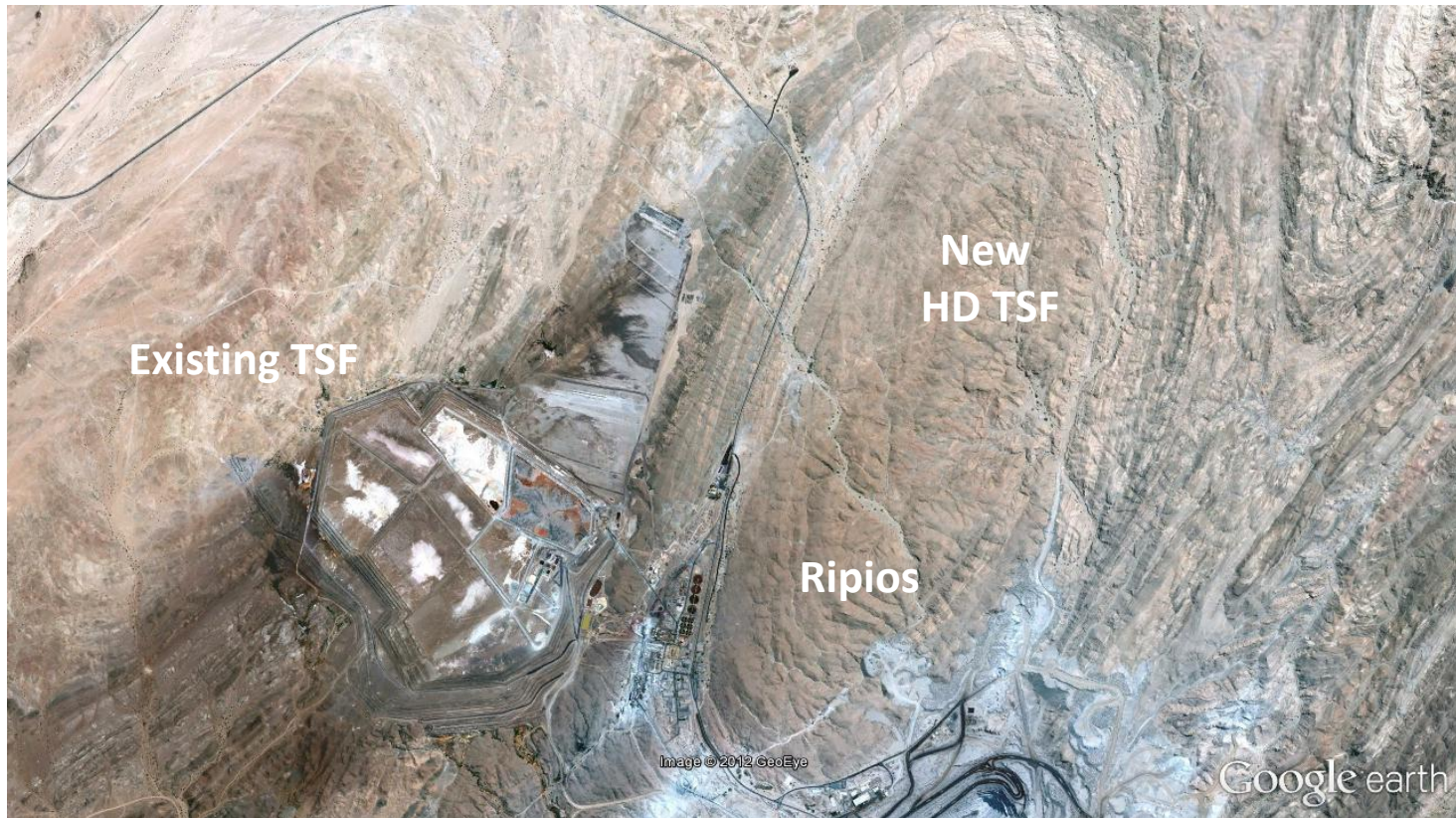
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Kilometres

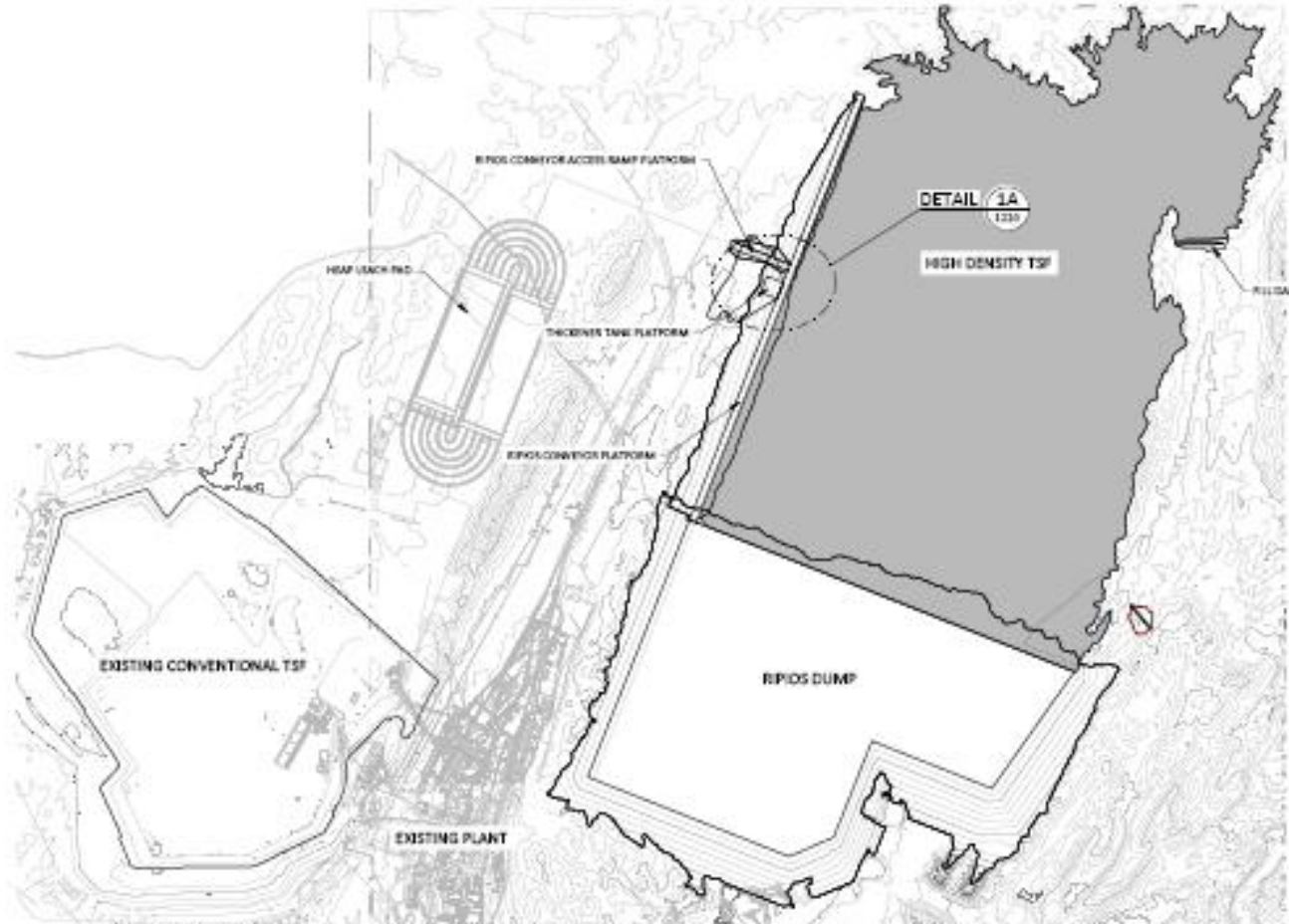


Tailings Disposal

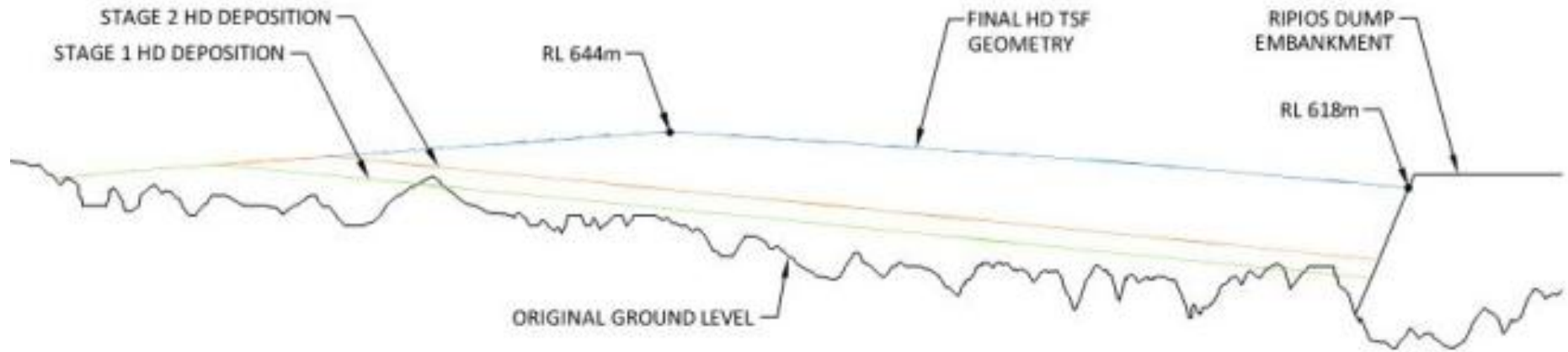
- Two disposal sites are available



HD Tailings Disposal on the Dome



HD Tailings Disposal on the Dome



SEIA Phases

- Phase 1: Project initiation/screening
 - Internal screening with MET
 - Registered project with MET
 - August to October 2012
- Phase 2: Scoping (including assessment of infrastructure corridor)
 - Notification
 - Public participation process
 - Scoping Report and SEMP (infrastructure corridor)
 - October to December 2012
- Phase 3: SEIA
 - SEIA and SEMP of all other project components
 - January to June 2013

Specialist Studies

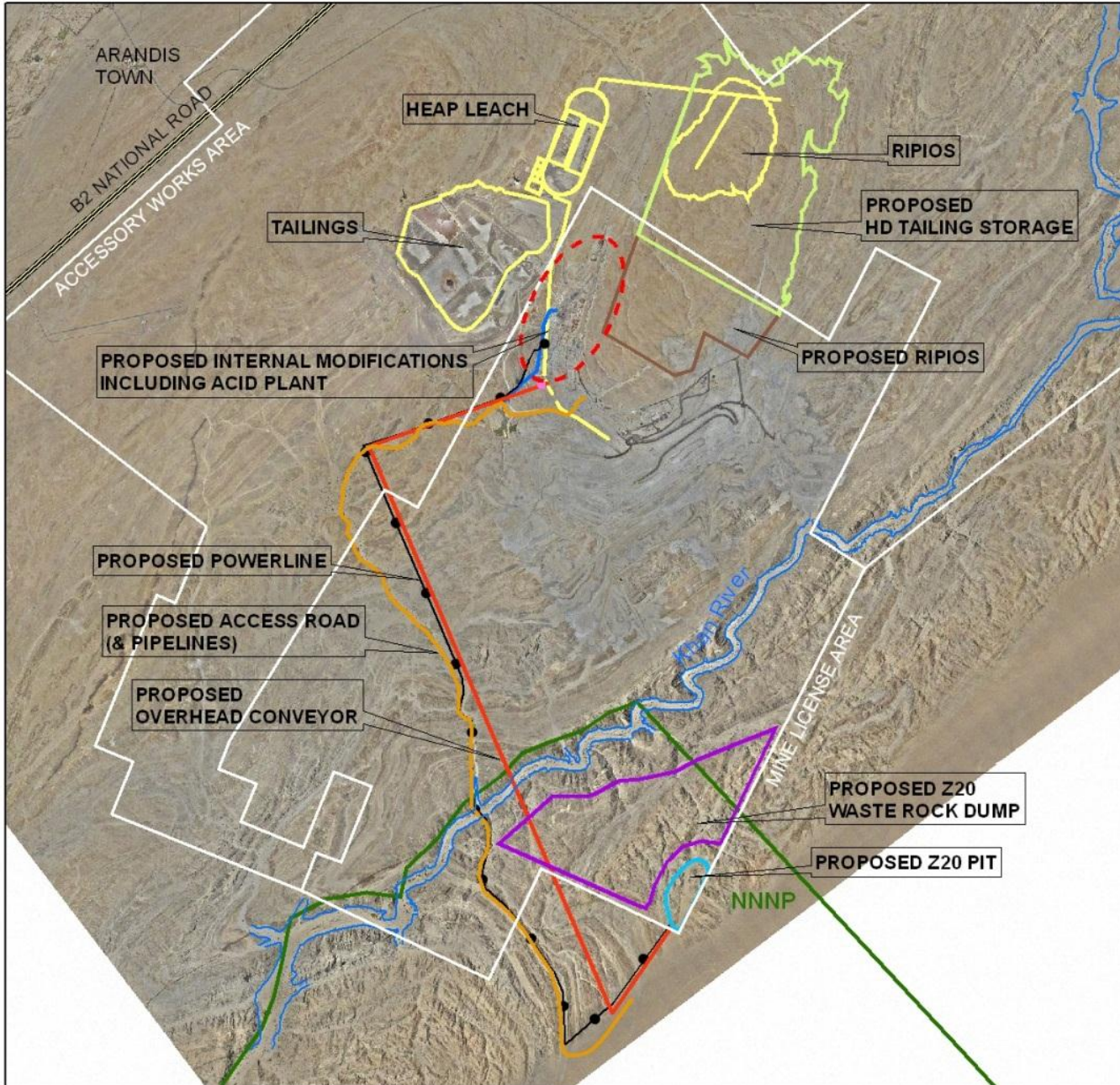
Lead SEIA consultant	Aurecon & SLR
Social	Ilse Aucamp (Ptersa) San-Marie Aucamp (Ptersa)
Visual	Steve Stead (VRMA)
Air Quality	Hanlie Liebenberg-Enslin (Airshed)
Noise	Nicolette Krause (Airshed)
Radiation	Dr. Dawid de Villiers (NECSA)
Surface water	Jonathan Church (SLR)
Geohydrology	Jeff Jolly (RPS Aquaterra)
Biodiversity	Dr. John Irish (Biodata)
	Dr. Theo Wassenaar (AWR)
Archaeology	Dr. John Kinahan (QRS)
Traffic	Theo Potgieter (Burmeister & Partners)

Way Forward (Scoping)

- Invite stakeholder comments (12 to 31 Oct)
- Prepare Scoping Report and SEMP for infrastructure corridor (mid Nov)
- Distribute SR for comment (21 working days)
- Finalise Scoping Report (incl. comments)
- Submit to MET (Dec 2012)

Questions and Answers





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Thank You