

# WAISOI PROJECT BRIEFING

## Addressing the Key Issues



November 2011

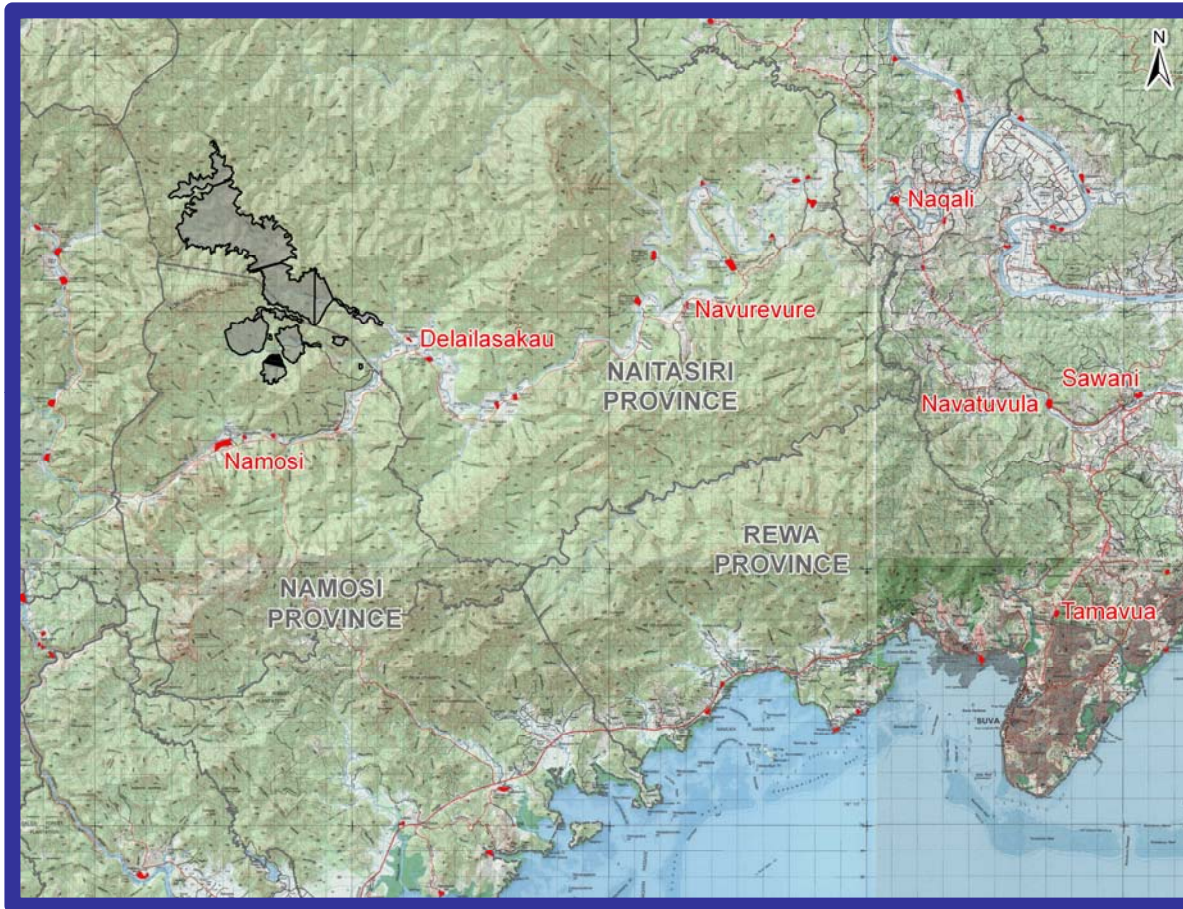


# Outline



1. Introduction
2. The Waisoi Project
3. Current Activities
4. Social Engagement Process
5. Future Programme

# Waisoi Project



**The Waisoi Project is an exploration project situated in the Namosi and Naitasiri provinces.**

**Studies are being done to see if a mine could be developed at Waisoi.**



# Project Life Cycle



Typical durations:

Prospecting & exploration – 5 – 25 years;

Feasibility and Environmental Impact Assessment – 2-4 years;

Construction – 2-4 years;

Operations – 25-40 years;

Closure & rehabilitation – 2 – 10 years after operations cease.

## What is A Feasibility Study?



A Feasibility Study looks at the costs and other impacts of a proposed project in sufficient detail to allow a decision on whether it can proceed:

- Engineering studies on the mine and infrastructure;
  - Geotechnical assessments for safety of structures;
  - Optimising the location, size and capacity of key items;
  - Risk and safety assessments
- Environmental baseline, impact and mitigation studies
- Social impact and socio-economic baseline studies
- Discussion and negotiation with key stakeholders such as landowners, government and others;
- Assessment of project costs, risks and economics.

# The Project Site



# Project Transport



Northern route for heavy transport to Suva Port



Southern route for light vehicles & buses



## Project Scale

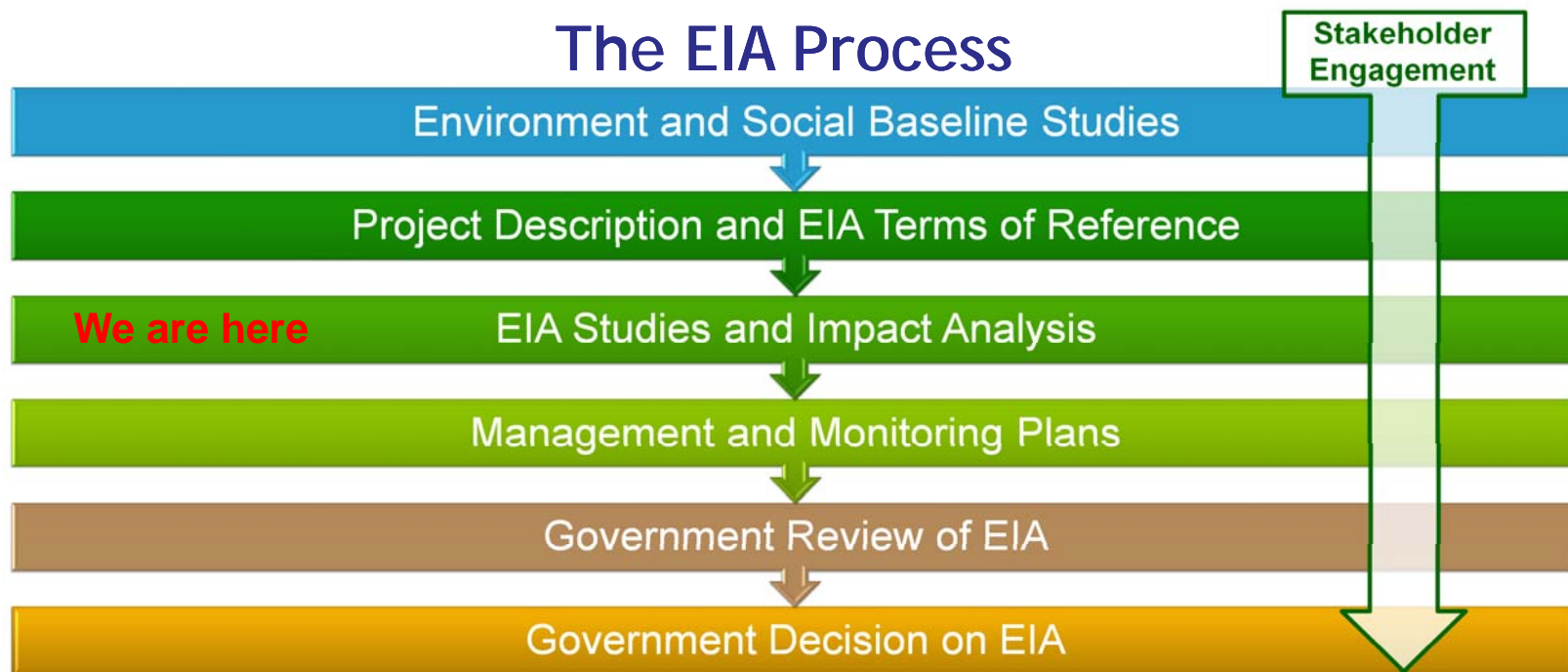


- Mining rate - 50-60Mt/a
- Milling rate - 16Mt/a initially with an expansion after 2-3 years
- Products - Copper/gold concentrate & molybdenum concentrates for sale to smelters
- Production - 80-100 kt/a copper and 60-80 koz Au/a
- Capital cost - ~US\$1bn
- Employment - 900-1200 direct employees & contractors
- Power consumption- >60MW

# Environmental Impact Assessment



Fijian Law requires an Environmental Impact Assessment (EIA)



**The project would only continue if government regulatory approvals are given.**

**If government approvals are received, NJV will then decide if the project should proceed after the exploration, feasibility and EIA phases are complete.**

# Community Engagement in the EIA Process



## Key concerns



Based on engagement processes in over 20 villages the following key issues have been identified:

- Water resources and quality
- Relocation
- Traffic & transport
- Environmental impact and future generations
- Employment, business and other opportunities
- Impact on cultural heritage
- Compensation and other benefits

# Future generations



NJV will consider supporting projects that are not directly related to the mine and that can endure beyond the life of a mine.

## Ideas for sustainable projects

- Fish farming
- Power from biomass
- Power from hydro
- Eco-tourism
- Looking for ideas from stakeholders



Establish long term Trust Fund as part of the compensation package:

- Business development
- Education, training
- Health



# What will be the real opportunities?



NJV has a clear preference to have its international operations staffed by a country's national employees, with specific reference to the local community.

While it is recognised that this may not be possible immediately due to the unavailability of the necessary skills sets within the national workforce, a fully nationalised workforce within a meaningful timeframe is generally the ultimate aim.

*Education is and will continue to be a key part of our community support programmes.*



*Development of sustainable businesses to support our activities is also a key long term objective.*



## Future programme



- Complete site investigations, including geotechnical and environmental studies
- Complete the next round of stakeholder engagement under the EIA
- Develop appropriate environmental and social management plans
- Make a decision to progress to Feasibility Study
- Complete EIA and submit for review and further discussion
- Commence compensation discussions
- Complete feasibility study and obtain government approvals.
- Decide whether to proceed with mine development

# Challenges



- Completion of EIA and Feasibility Studies to schedule
- Achieving acceptable environmental and social outcomes
- Regulatory approvals
- Raising finance
- Providing acceptable financial returns to investors and Fijian stakeholders
- Local capacity to support construction and operations



Conclusion



VINAKA VAKALEVU !!  
Questions  
and Discussions.

TARO???