

# WAISOI PROJECT BRIEFING



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14 December 2011

# Outline of Today



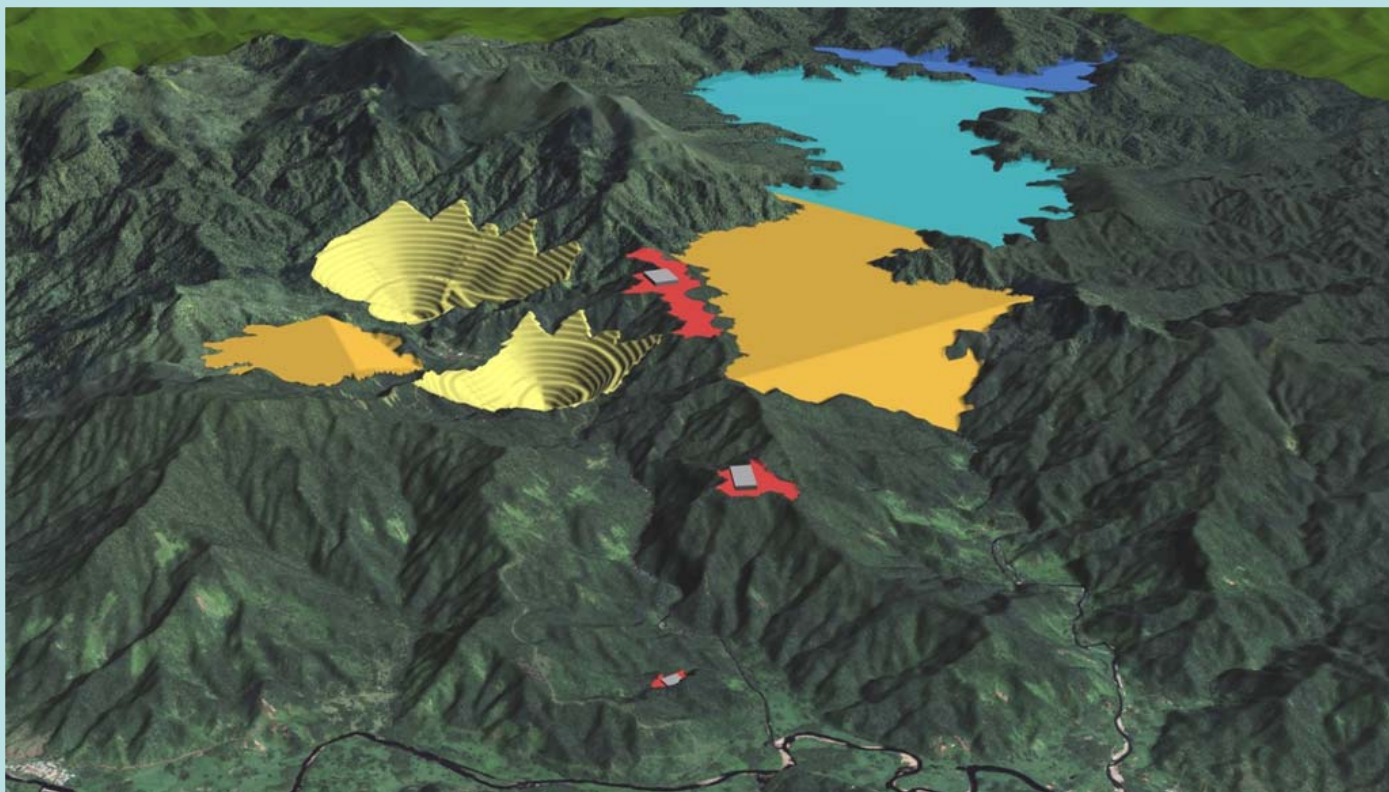
1. The Waisoi Project
2. Current Activities
3. Social Engagement Process
4. Key issues
5. Future Programme

# What is the Waisoi Project?



- Drilling in Tikina of:
  - Namosi
  - Naitasiri
- Mine study

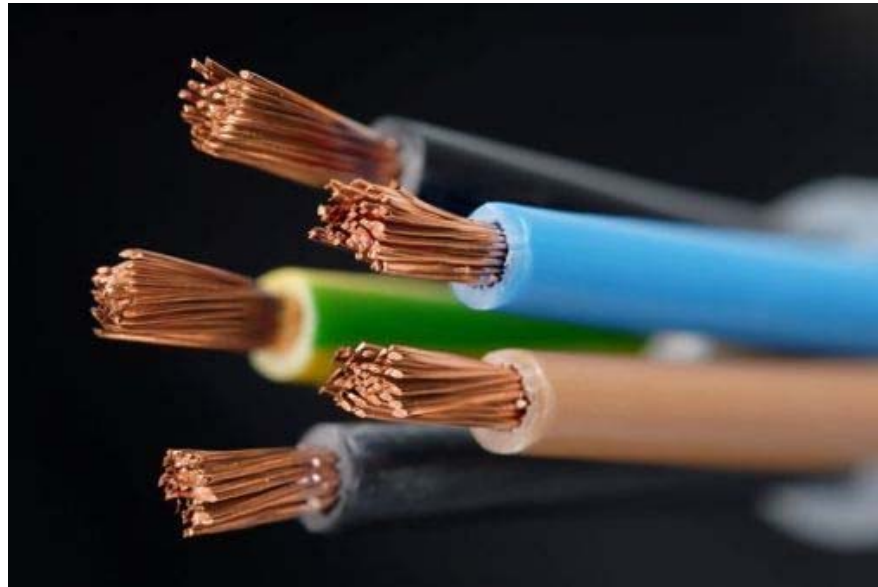
# Why build a mine?



- The world needs copper
- Jobs for landowners and community
- Pay tax for government to build schools, hospitals, roads



# What is copper used for?



# Development Life Cycle



## Typical Durations:

Prospecting: 5-25 years;

Feasibility and EIA: 2-4 years;

Construction: 2-4 years;

Operations: 25-40 years;

Closure & rehabilitation: 2-10 years after operations cease.



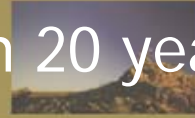
# What is A Feasibility Study?



- Drilling rock to check for copper
- Drill rock to check strength
- Engineering of mine pit, power, bridges, roads, dams
- Understand:
  - People and communities
  - Animals
  - Trees and plants
  - How to reduce affects of mining
- Discuss project
- Get feedback

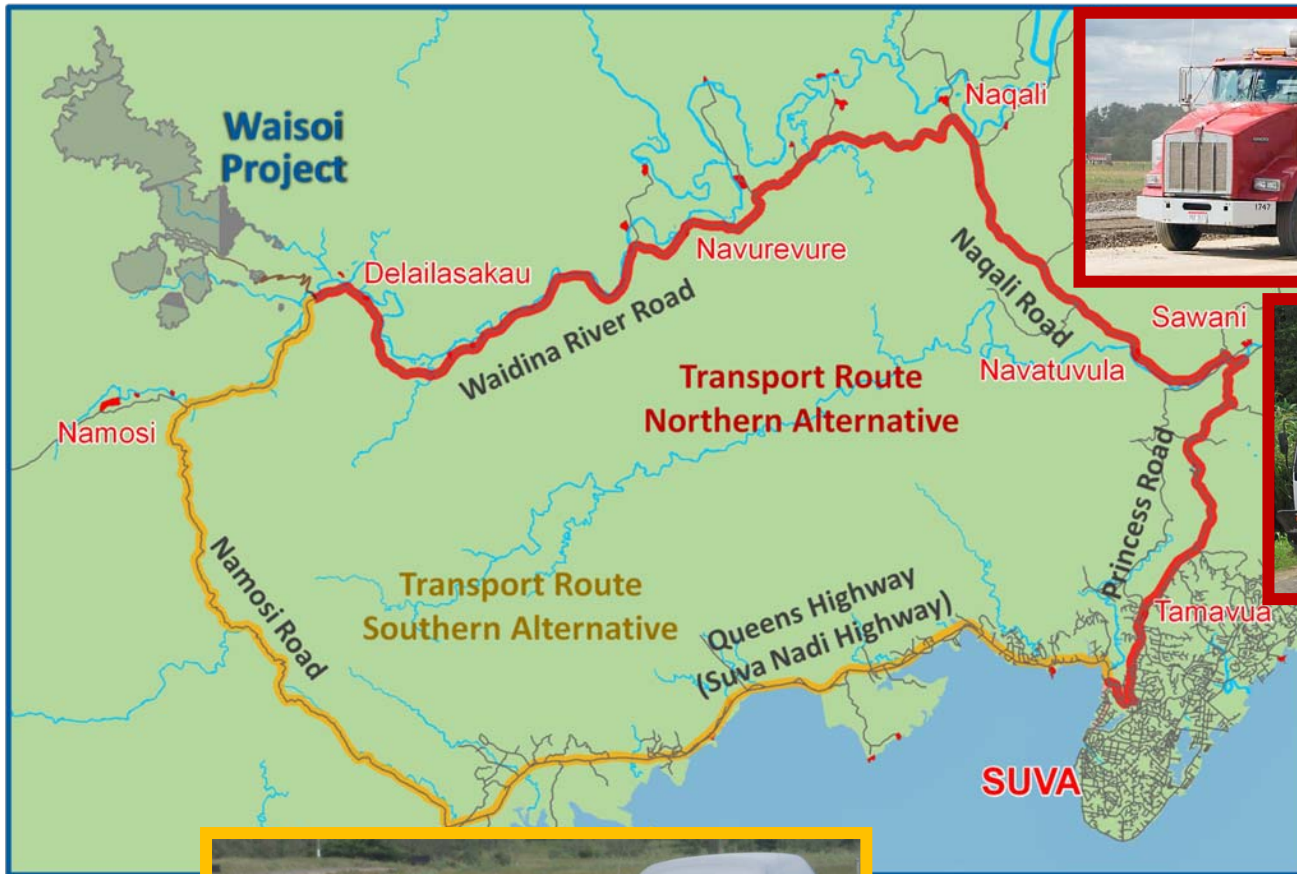


# What will the mine look like in 20 years time?





# Project Transport



Northern route for heavy transport to Suva Port



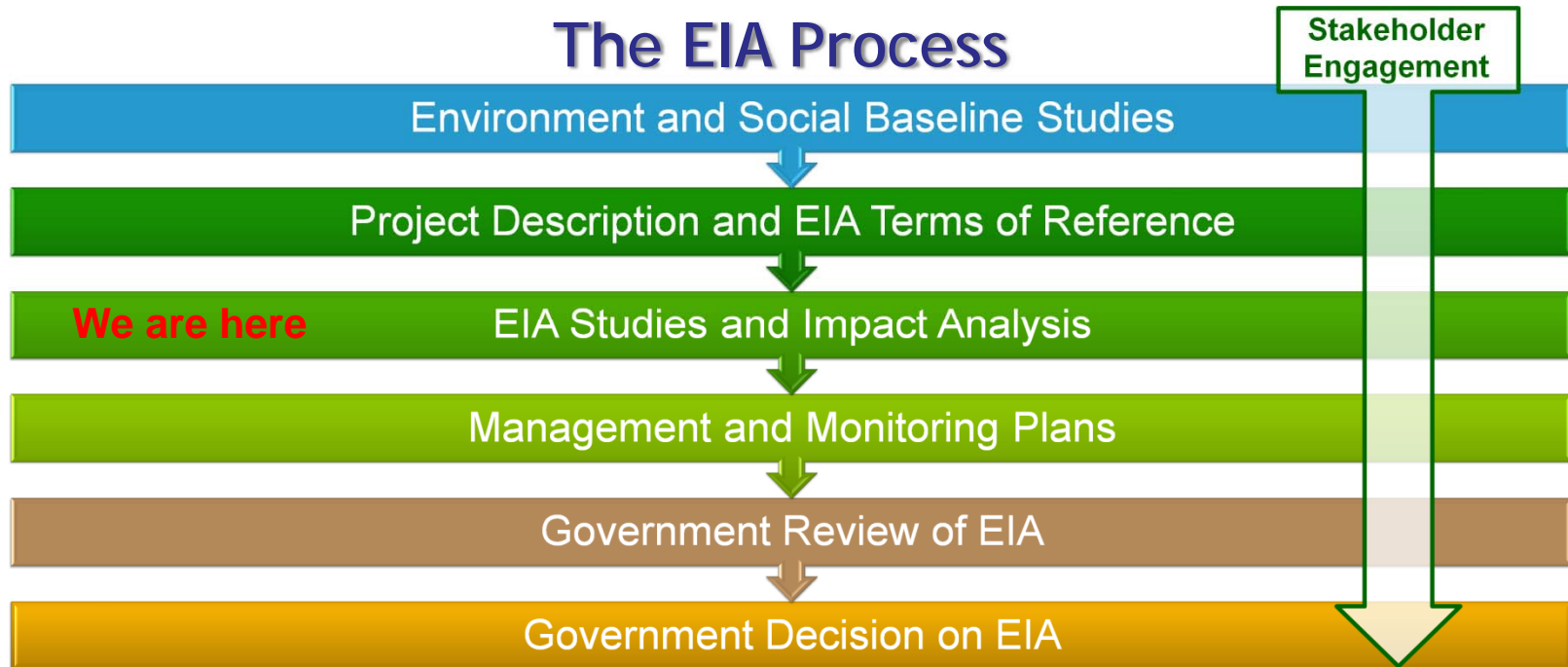
Southern route for light vehicles & buses

# Environmental Impact Assessment (EIA)



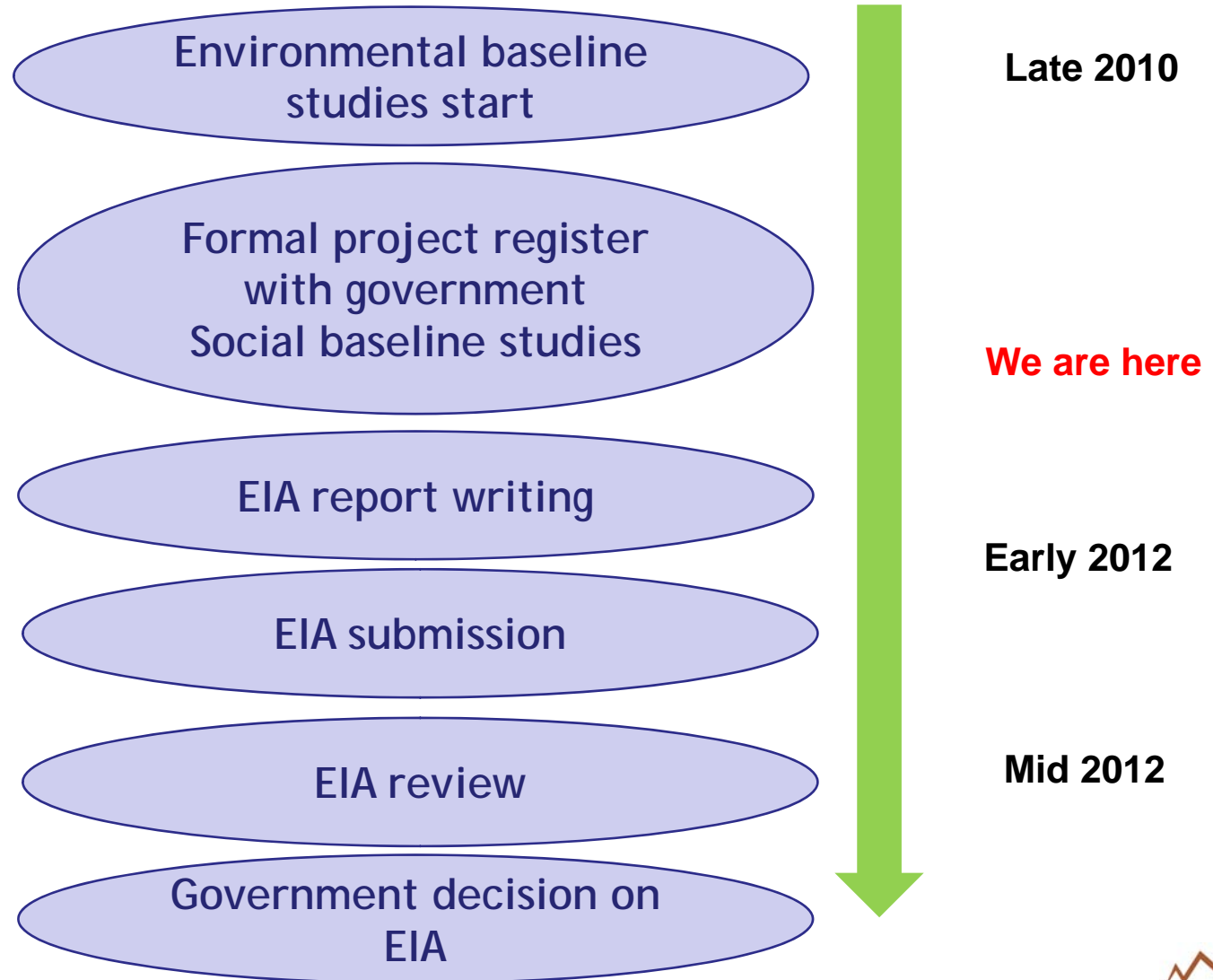
## Government Process Followed

### The EIA Process



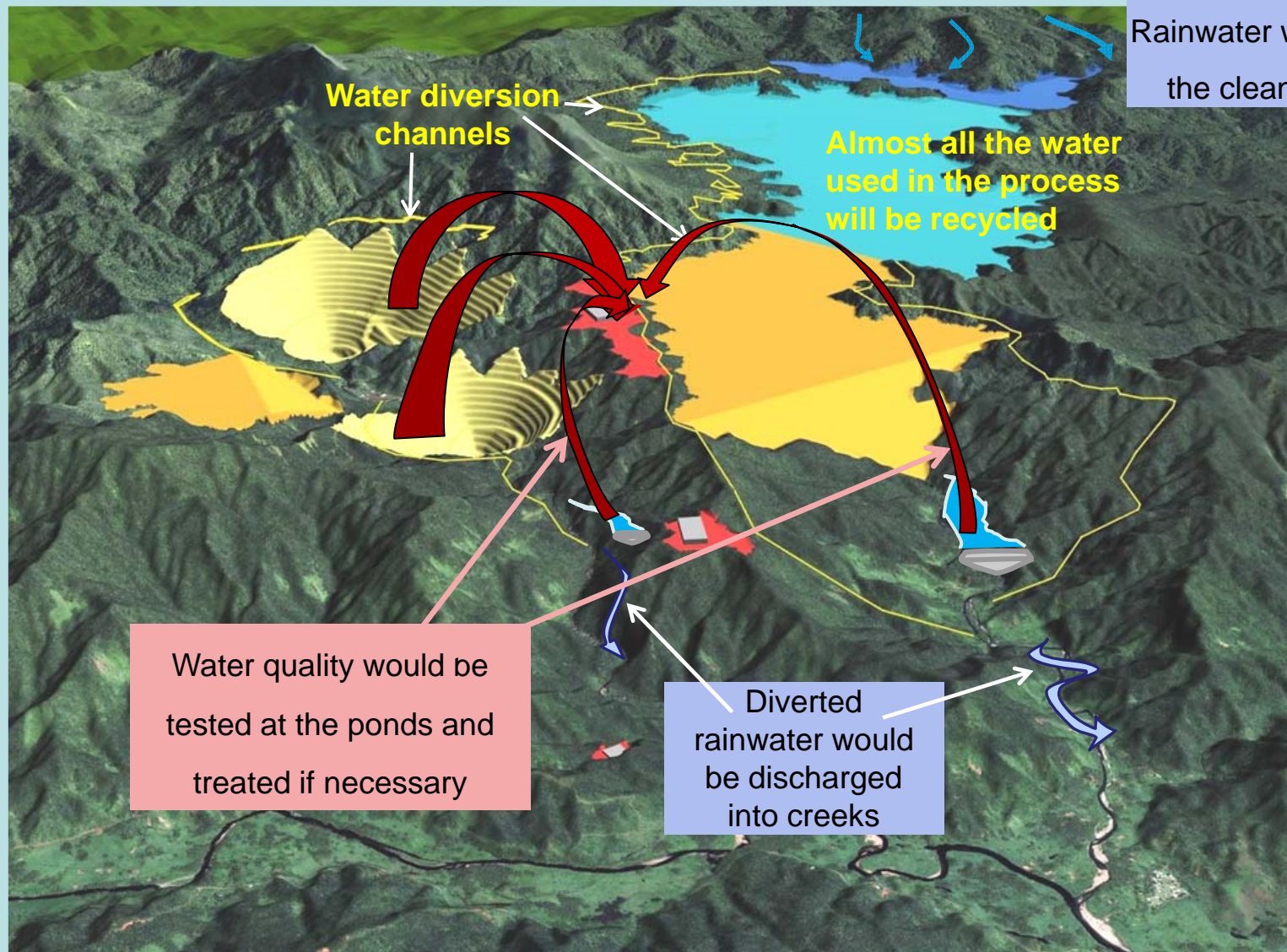
**Government must approve 1<sup>st</sup>**  
**If government approves, only then NJV decide**

# Community Engagement in the EIA Process





# Water management



Rainwater would flow into the clean water dam

Water diversion channels

Almost all the water used in the process will be recycled

Water quality would be tested at the ponds and treated if necessary

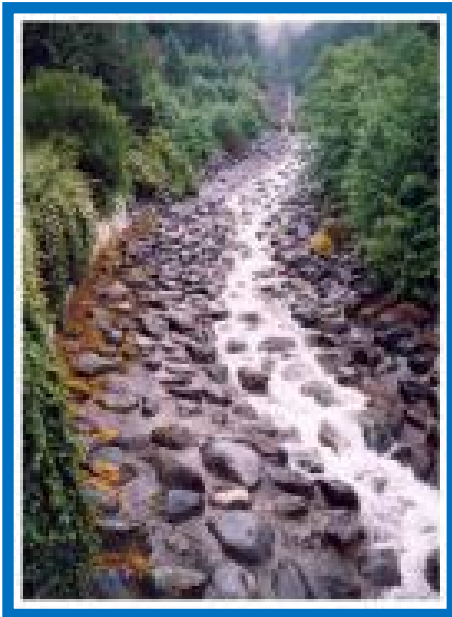
Diverted rainwater would be discharged into creeks

# River water



## Clean water retention dam

Divert water in Wainavadu valley away from the Tailings Storage Facility



## Water diversion channels

Divert rainwater around the project area



# Mine water



**Water treatment**  
Cleans water before releasing



**Sediment Ponds**  
Stop most soil from going into river



# Concerns



Key issues from 20 villages:

- Water
- Village relocation
- Traffic & transport
- Future generations
- Employment and business
- Compensation and other benefits

# Concerns



No plans for resettlement or relocation of villages



- Normal road trucks
- Schools will be bypassed
- Speed will be controlled

# Opportunities



- *Education*
- *Training*
- *Jobs*





# Opportunities



**Prawn Farm**  
Kukumutuk (Kao Tengah)



**Coconut Oil plant**  
Doro (Kao Utara)

# Cultural heritage



- Fiji Museum involved
- Cultural Heritage Plans to be developed





# Business Opportunities



## 1st female HEO sets record

AFTER FOUR years of commitment, dedication and the foresight to achieve something big, Rose Sogowa has showed that dreams do come true.

With only a certificate in secretarial studies, Rose

has proved that nothing is impossible if you believe in yourself and set your mind to it.

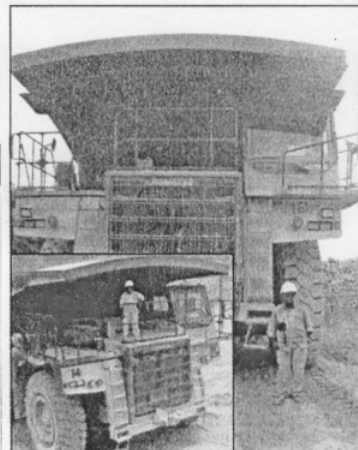
Early this month, Rose was promoted to mine trainer and supervisor at the Hidden Valley

Operations Mining department after working as a heavy equipment operator (HEO).

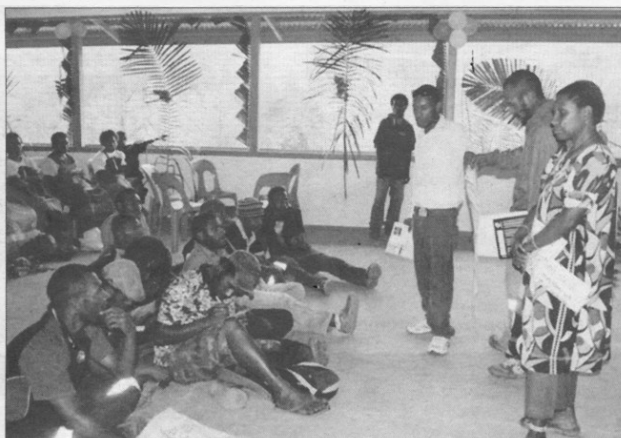
Rose comes from Winima village, one of the three principal landowner villages of the Hidden Valley mine in

the Bulolo District of Morobe Province.

Her promotion is a first for a landowner woman working at the mine, especially in the mine operations department where she was also a pioneer female



Post Courier



Graduates putting on a drama on the do's and don'ts of small businesses income management.

### 33 Wau villagers learn management skills

THIRTY-three villagers from Wau, Morobe, became the fifth group to benefit from a partnership programme aimed at improving their basic business management skills as local entrepreneurs.

Under the Morobe Mining Joint Ventures community and regional development programme the 24 men and nine women in the group completed a two-week training session funded by Hidden Valley Gold mine and facilitated by the Small Business Development Corporation.

In the Start Your Business programme, participants from Kuembu, Kaisenik, and Wandumi villages were put through a series of theory sessions covering assessing business opportunities and developing business planning.

Similar training sessions were conducted for Mumeng Inland Fish Farmers Cooperative in Timini and Sambio villages, another two for Biangai Coffee Farmers Cooperative in Biawen and Kwembu villages and one for Lower Watut Cocoa Farmers Cooperative in Tsilitsili village.

National 22/11 Pg 10





- Finish drilling and engineering
  - Discuss project with people
- Compensation negotiated through government
  - Government to give approvals
    - NJV to give approval



## VINAKA VAKALEVU

## Questions and Discussions

## TARO?