



Plate 1. Fuel Storage Kara Log Pond

Portable Fuel Tank at Kara Log Pond located about 15 metres from the living quarters.

Does not have bund constructed around it (Key standard 24) and is not located in a secure lockable area. (Ref EP approval conditions 17 (iii)).



Plate 2. Reject Pencil Cedar Kara Log Pond

This reject pencil cedar log is destined to be burnt after a few slabs had been cut using a chainsaw mill.

A small sawmill such a Lewis Mill would have been able to utilise much more of this valuable timber.



Plate 3. Reject Log adjacent to large gap

A large gap caused by the felling of several commercial trees concentrated in this area. This is a normal situation and will require the use of the "Reforestation Naturally" Technique to assist in satisfactory regeneration of commercial species.

The large defective log (Kempas) has contributed to the size of the gap. Could this defect have been discovered prior to felling?



Plate 4. Macaranga and Trema spp dominate regeneration

This photo was taken in Coupe 03 logged in 1997, where Mersawa (*Anisoptera polyandra*) was the main commercial species.

The regeneration of commercial species is shaded by non-commercial species, which causes the commercial species to grow slowly.

This poses a question for sustainability of timber harvesting and supports the findings of the Cameron/Vigus report on the status of Natural Regeneration in PNG (1993).





Plate 5. Regrowth of *Macaranga* spp and *Trema* spp after fire

This photo was taken in Coupe 02 logged in 1996.

The area was burned during the 1997/8 El nino event. This has resulted in an almost pure crop of *Macaranga* spp with some *Trema* spp.

Commercial tree species are regenerating but growing very slowly under the canopy of the non-commercial tree species.

This area is suitable for agriforestry, agriculture and plantation forestry.



Plate 6. Fuel Storage at Base Camp

This is another case of incorrect fuel storage, with no bunds constructed to confine the spillage of fuel oil which is spreading out along a path and unless corrected will eventually leak into a nearby watercourse.

← Note fuel oil spillage outside of wooden fence.



Plate 7. Open Pit at Kara Log Pond used for waste oil

This shallow pit is used by the company to dispose of waste sump oil etc.

These waste oils should be stored in containers and disposed of after clearance from DEC.



Plate 8. Domestic waste/rubbish disposal Kara Log Pond

This “dump” is adjacent to the living quarters at the Kara Log Pond.

This is unsanitary. Household rubbish should be stored in waterproof containers (eg plastic rubbish bags) and disposed of in an approved pit.