



Plate 1 Dense stand of *Calophyllum* spp

This stand strides a ridge top and is along a roadline. There are six trees of merchantable size marked for felling within a 20 metre diameter circle.

The felling of all these merchantable trees will cause extensive peripheral damage even though the contractor has marked two residual trees per merchantable tree for retention.

There is provision in the Timber Permit for reservation of trees for silvicultural purposes.



Plate 2

This is an example of excessive forest clearing during road construction (Key standard No. 9).

The surveyor explained that the original road alignment and clearing was amended to reduce the gradient of the road.

This has resulted in a total disturbance in excess of twice the permitted maximum road clearance width (40 metres).

DEC officer surveys the spoil adjacent to the road clearance. →

Soil is being washed into a watercourse.

Plates 2 and 3 Along the main road between the Base camp and current logging area.



Plate 3



Plate 4 Main Logging road in Busou Set-up A5

This road is through a set-up which was logged just over a year ago and should have been decommissioned.

The road clearance exceeds 40 metres in some locations.



Plate 5 Set-up Busou A5

Set-up A5, one year after logging. This photo illustrates the slow colonisation of seedlings where the topsoil has been removed from snig-tracks.



Plate 6. Set-up Busou A5

These logs have been scaled and sorted into logs suitable for the sawmill.

These logs are in a set-up which is supposed to have been decommissioned and illustrates the excessive waste of the resource.



Plate 7. The Lucas Mill at the Loang Log Pond

This small sawmill owned and managed by Kei Beseu Kampani Ltd is far too small to convert the large volume of reject logs at the Loang Log Pond.

← These logs have been selected as suitable for sawmilling, many more reject logs are too degraded to be used at all.

The sawmill is producing good quality timber which is in high demand, both in Lorengau and Lae.



Plate 8. An old log landing.

This an example of non compliance with Key Standard No.22. Most log landings have not been ripped or satisfactorily revegetated.



Plate 9. A blocked water course

This is an example of non-compliance with Key Standard No.10. The watercourse has been blocked by soil during road construction.

The channel should be unblocked to allow for normal flow.



Plate 10. Excavation at the Loang Log Pond

This appears to be the only source of road surfacing material for the Timber Permit area.



Plate 11. Busou Set-up A5

This is excessive soil disturbance resulting from snigging one tree which fell into a small dry watercourse.

Better tree felling and hauling is required to reduce this sort of damage.



Plate 12. Substandard housing at Loang Log Pond



Plate 13. New staff accommodation at Loang Log Pond