

## PAPERBARK (0.5 Ha)

A swampy area close to the existing house, mainly Paperbark, Sword Grass and a few Karri <450mm in Diameter. This area was selected for clearing as it is an ideal location for a second dam, it is nearly on contour with the existing dam (thus can be connected via an overflow) and is also a point on the terrain where excess water gathers. A secondary reason for clearing is the potential fire hazard it poses being in relatively close proximity to the existing house.

### LOOKING NORTH-EAST TOWARDS HOUSE



LOOKING NORTH-EAST TOWARDS HOUSE (FROM SOUTH-EAST CORNER OF PLANTATION)



## PLANTATION (1.0 Ha)

A 25 year old plantation originally used for feeding Koalas via coppicing, consists of Spotted Gum, Tallowwood, Swamp Mahogany, Mountain Ash, Manna Gum and Flooded Gum. Majority of mature uncoppiced trees are Mountain Ash with a couple of sporadic Tallowwood and Swamp Mahogany.

### LOOKING NORTH-WEST TOWARDS SOUTH-EAST CORNER OF PLANTATION



LOOKING DOWN A TYPICAL COPPICED PLANTATION ROW (MANNA GUM)



## **KARRI, MARRI AND KARRI SHE-OAK (2.5 Ha)**

Consists of trees that were too small to harvest or didn't exist when logging took place (throughout the entire vegetated area) around 40 years ago, assumed to be a lot of re-growth. Vegetation seems to consist of Karri, Marri, Karri She-oak, Karri Wattle, Karri Hazel and Sword Grass. Most of the larger Karri trees seem to average around 600mm in diameter, specimens that are healthy and have good conformation will be left as is whilst the majority of the understorey vegetation will be removed to allow for grazing and an acceptable firebreak. This patch also contains a couple of old Marri trees which will be preserved as habitat and in which care will be taken to clear around. A lot of the timber felled will be re-purposed via an onsite mill or at least used as firewood- as to avoid too much unnecessary pollution/ waste, such as occurs when burning heaps of pushed up timber.

### ***AVOIDANCE AND MITIGATION***

As briefly mentioned in the application the reason for clearing is to be able to setup a viable small-scale regenerative farming operation (see accompanying PDF "Farm Layout" for a rough preliminary plan). The lanes of fruit and nut trees run on contour so need to extend past the existing plantation, dams need to be added for drought protection and buildings and access need to be added for processing and storage. Over 2500 trees (fruit, berry, nut, fodder and timber) will be replanted after clearing which will provide carbon sequestration, prevent soil erosion and hopefully provide additional regenerative income.

### **LOOKING NORTH FROM NORTH SIDE OF PLANTATION.**



## LOOKING WEST FROM NORTH-WEST CORNER OF PLANTATION



### KARRI, MARRI AND KARRI SHE-OAK (8.0 Ha)

This existing patch of native vegetation takes up half of the entire property and will most likely remain untouched indefinitely, with the exception of a potential cool-burn to reduce the current fuel load. The terrain is a bit steep and rocky compared to the other areas, thus may not be ideal for horticulture and livestock anyway.