Sediment (silt) Decision Tree Redirect your efforts into other blocks, wait until water drains and revisit **decision** and may have to consider **START** HERE Dig a hole and assess the soil. Is the sediment preventing air YES Can you drain the water? movement? **Economics:** YES YES ie, can you create a channel in the ie, is it saturated or gleyed (grey) Is the block sediment into a drain? If flat, can you dig a sump and create worth saving NO channels into it and pump? If not easy to drain water then consider root ripping centre of rows to 20-40cm NO depending water table height Is the soil dry enough to cultivate? Is the sediment less than 15cm YES YES Replant or NO thick? other land use unions. NO Wait until dry enough to cultivate or if you can get light YES Is the sediment below the graft machinery in, use harrows, union? discs or tynes to break up the soil surface to speed up NO drying. Sediment above the graft union needs to be removed. Is it economical to remove? Redirect your efforts into other NO

blocks and consider replanting

Drain it now. These trees are running out of air and may die

When dry enough, cultivate to mix sediment with existing soil to prevent from resealing again if we get more rain. Ensure no cultivated sediment/soil is above graft

Level field, soil test to 15cm

Apply basal fertiliser **if required**and cultivate

Sow understorey grass

Apply N @ 30-40 kg/ha after 4-6 weeks (understorey may need more but check N status)

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