

Proposed clearing area Field 22A (116B3) waypoint photos (11/6/21)



Figure 1: Aerial image on Field 22A in 2011 showing location of photo waypoints within the proposed clearing area. Note that 100% of the site has been historically cleared, but there is a patch of remnant primary forest to the west of the site.



Figure 2: (a) Aerial image taken by drone 5 May 2021. This image is slightly oblique and not georeferenced, so boundary is approximate. Note that further clearing and phosphate extraction occurred between 2011 and 2020 when the site was relinquished so there is less vegetation now compared with the 2011 orthophoto. Also note that recent mining has changed the track loop such that it is further north than where it was in the 2011 image. (b) Analysis determined that approximately 74% of the site is now either bare ground and low weeds such as mile-a-minute vine (e.g. *Mikania micrantha*). The remaining 26% is secondary regrowth dominated by weeds (e.g. *Leucaena leucocephala*, *Cordia curassavica*) and swordfern with a low diversity of occasional native trees- all of which are common species. These s and used in our rehabilitation plantings so will be replaced.



Figure 3: Waypoint 1, looking SSW



Figure 4: Waypoint 2, looking ESE



Figure 5: Waypoint 3, looking East



Figure 6: Waypoint 4, looking SW. Note swordfern and *Leucaena leucocephala* amongst secondary regrowth.



Figure 7: Waypoint 5, looking South



Figure 8: Waypoint 6, looking NE



Figure 9: Waypoint 7, looking South



Figure 10: Waypoint 8, looking SE



Figure 11: Waypoint 9, looking NE



Figure 12: Waypoint 10, looking East. Note extensive smothering vine cover of *Mikania micrantha*.



Figure 13: Waypoint 11, looking East



Figure 14: Waypoint 12, looking SE



Figure 15: Waypoint 13, looking NW



Figure 16: Waypoint 14, looking SW. Note that three-quarters of the site is bare ground with low weeds.