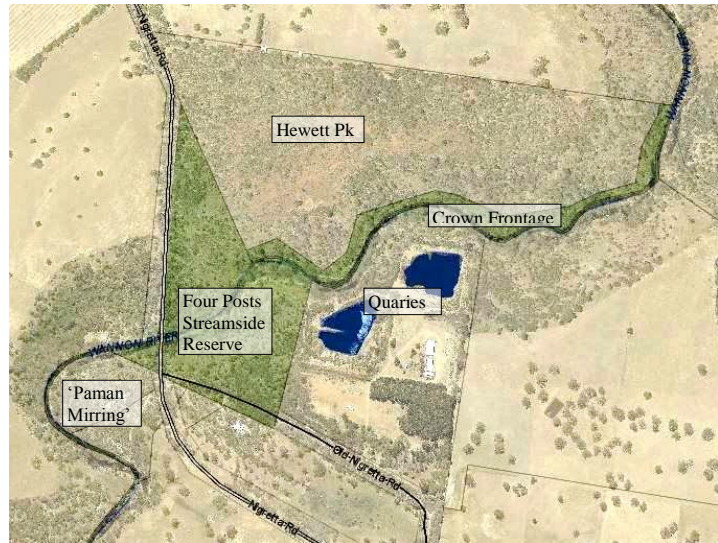


HFNC weed control report for Four Posts Streamside Reserve 2021

Peter Hocking & Rod Bird

The Four Posts Streamside Reserve is situated immediately upstream from the Four Posts Bridge on Nigretta Rd. There is a triangular shaped block on the north bank, adjacent to the road reserve and Hewett Park (SGSC – an old quarry site stripped of gravel by the former Hamilton City Council) and a block on the south bank upstream to two now disused rhyolite quarries (the rhyolite was derived from volcanic acid lava eruptions some 405 mya).



The current list of native vascular flora species is 133. Information on the flora of this reserve may be found in the 2020 report.

On 29 Sept. 2020, two flowering *Calochilus robertsonii* (Purplish Beard-orchid) were found on private property ('Paman Mirring') on the west side of the Nigretta Rd. The species were seen in flower in November 2021 but none have been seen on the reserve.

Pterostylis plumosa (Bearded Greenhood) was found on the reserve in Oct. 2019. They flowered again in 2020 and this year.

Weed Control Activities in 2021.

20 Oct, South Block – 310 AWO wiped (2.5 hrs)

31 Oct, North Block – 233 AWO wiped (3 hrs)

Adjacent 'Paman Mirring' – 134 AWO, 50% wiped & 50% dug (cf. 2020, 2019 & 2018 with 358, 140 & 31 AWO).

Summary of works to control AWOs on the Four Posts Streamside Reserve since 2015:

- 2021 – 310 AWO wiped on Sth side and 233 wiped on Nth side = 543
- 2020 – 840 AWO wiped & 400 dug on Sth side, 540 wiped & 60 pulled on Nth side = 1839
- 2019 – 416 AWO wiped on south side, 535 wiped on north side = 951
- 2018 – 67 AWO (29 wiped & 38 dug) on south side, 624 wiped on north side = 691
- 2017 – 199 AWO wiped or dug on south side, 478 wiped or dug on north side, = 677
- 2016 – 1648 AWO dug on north side, incl. part of Hewett Park = 1648
- 2015 – AWO dug but numbers not available