



PAUA
PLANNING

Waikato Regional Council
Private Bag 3038
Hamilton
3240

Address for Service:

Date:
Reference:

178 Bawden Road
R.D 2 Albany,
0792
18 August 2020
PAU299

Attention: Emma Cowan

By email to:

emma.cowan@waikatoregion.govt.nz

Cc: mark.pelan@gleesoncox.co.nz

Dear Emma,

PROPOSED MITIGATION FOR DRAINAGE OF WETLAND POND IN 'FILL AREA 3' ON GLEESON LANDHOLDINGS, HUNTLY

This letter is to confirm with Waikato Regional Council mitigation offered by Gleeson in regard to the premature draining of a farm pond located at the northern end of Gleeson's landholdings (north of the quarry) which was undertaken during geotechnical investigations.

While any impact from the works have been remediated to ensure there are no adverse effects on the neighbours property or downstream of the pond (as well as to Council's satisfaction), it is considered that the drainage and diversion activities should be compensated for by appropriate mitigation measures.

It is proposed that a number of ecological mitigation measures associated with the gully identified for protection and restoration during the processing of APP141283 consent be implemented within the next few months (subject to COVID-19 restrictions and availability of contractors) as follows:

Mitigation action	Completion date	Notes
Fencing around entire compensation area: see Figure 1 in Wildlands Report 'Ecological Management Plan for the proposed Compensation Site at Gleeson Quarry, Huntly' dated May 2020	By end February 2021	Stream habitat and riparian vegetation upstream of the wetlands will also be protected
Complete initial pest plant control in Management Units 2a, 3d and 6: see Figure 2 in Wildlands Report 'Ecological Management Plan for the proposed Compensation Site at Gleeson Quarry, Huntly' dated May 2020	Initial control completed by 30 November 2020	Pest plant control includes grey willow, Chinese privet (which are both crucial to remove for the health of the wetland), gorse & woolly nightshade, blackberry and mercer grass.
Planting of Areas 9 and 10 as illustrated on Figure 4 in Wildlands Report 'Ecological Management Plan for the proposed Compensation Site at	Planting complete within next planting season (April-May 2021) unless eco-sourced plants are available in the current planting season)	Area 9 (1500m ²) and Area 10 (900m ²) are wetland and swamp areas which will benefit from both stock exclusion (achieved by fencing) and planting of

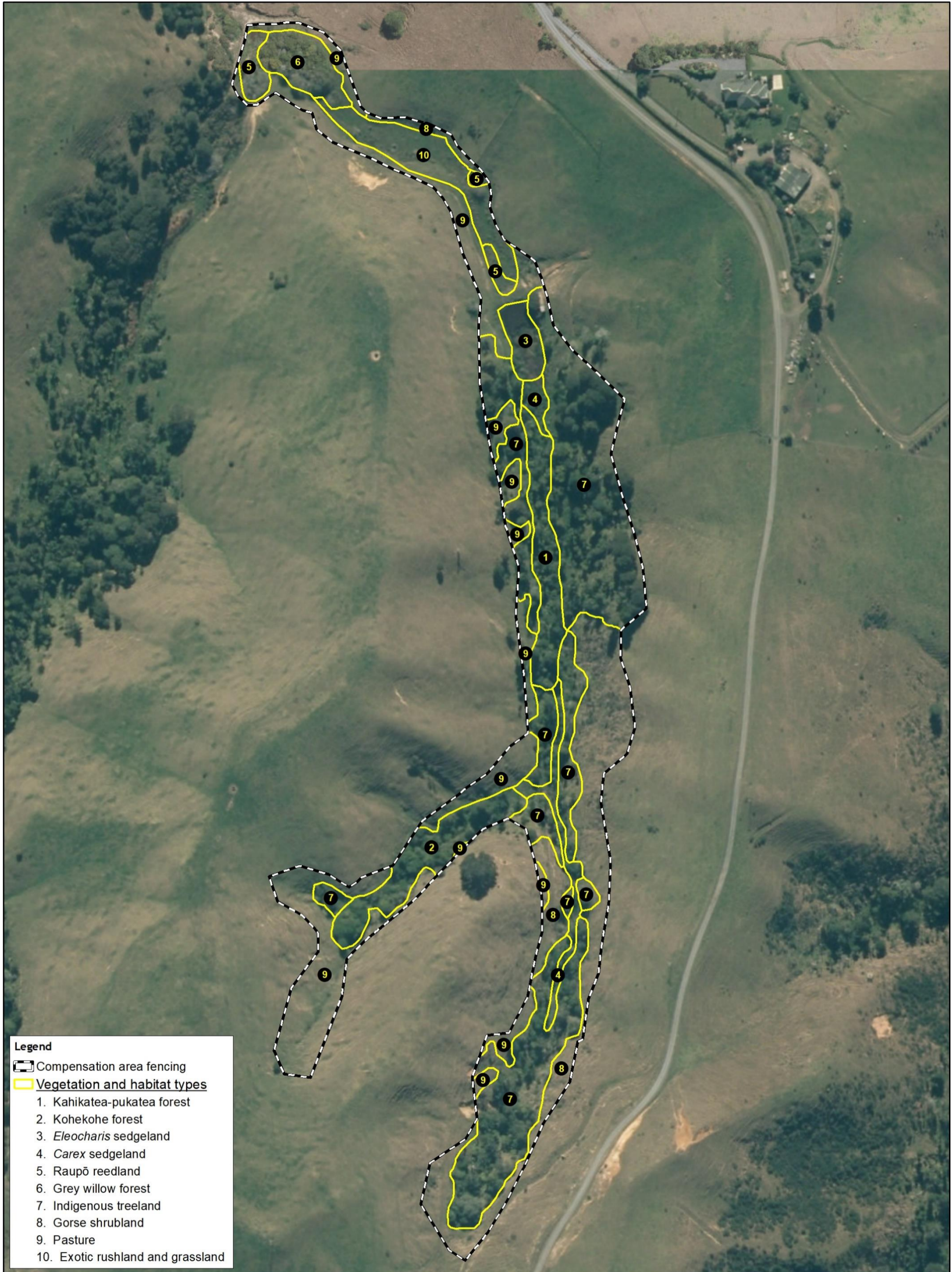
Mitigation action	Completion date	Notes
Gleeson Quarry, Huntly' dated May 2020	Wildlands have advised that: We should also be able to get the planting done in area 9 because the species are readily available and wetland plantings can take place in September/October whereas we don't recommend planting in dry areas much beyond the end of August. Plating Area 10 isn't feasible this season because willow control can't take place until the trees are actively growing in October and we need to make sure they are completely dead before planting	indigenous species. The details of these plants are included in the Wildlands Report. This includes 1600 plants in Area 9 and 375 plants in Area 10

We trust this meets with your approval; please do not hesitate to contact me if you have any queries.

Kind Regards,



Kate Madsen
 Director & Principal Planner, Paua Planning Ltd
kate@pauaplanning.co.nz

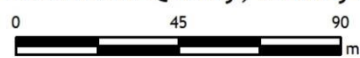


- Legend**
- Compensation area fencing
 - Vegetation and habitat types
 - 1. Kahikatea-pukatea forest
 - 2. Kohekohe forest
 - 3. *Eleocharis* sedgeland
 - 4. *Carex* sedgeland
 - 5. Raupō reedland
 - 6. Grey willow forest
 - 7. Indigenous treeland
 - 8. Gorse shrubland
 - 9. Pasture
 - 10. Exotic rushland and grassland

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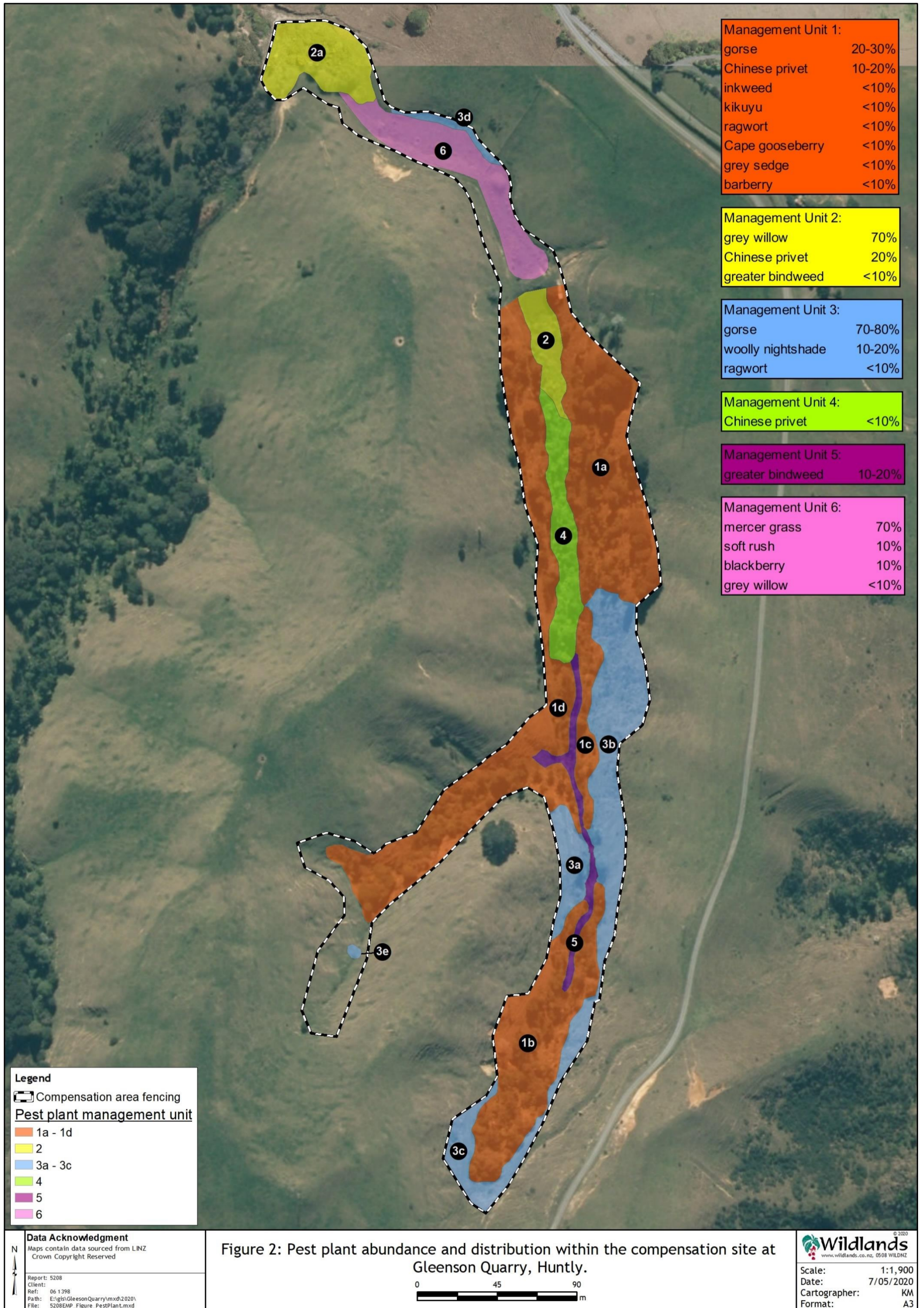
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Figure 1: Vegetation types described within the compensation site at Gleenson Quarry, Huntly.



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Legend
 [Dashed line] Compensation area fencing
 [Green hatched area] Indigenous revegetation planting

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Figure 4: Indigenous revegetation planting at the compensation site at Gleeson Quarry, Huntly.



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 Cartographer: KM
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