











The graph illustrates the relationship between CHAINAGE (X-axis) and Elevation (Y-axis). The X-axis ranges from 0 to 550 with increments of 25. The Y-axis ranges from 10 to 50 with increments of 10. Two data series are plotted: a green line representing the raw elevation data and a magenta line representing a smoothed or idealized version of the data. The green line shows a noisy profile with peaks around chainage 60 (elevation ~42), 260 (elevation ~42), and 475 (elevation ~35). The magenta line follows a step-like pattern, starting at ~30, dropping to ~17 at chainage 60, rising to ~40 at chainage 60, dropping to ~17 at chainage 260, rising to ~18 at chainage 260, dropping to ~17 at chainage 475, and rising to ~28 at chainage 475.

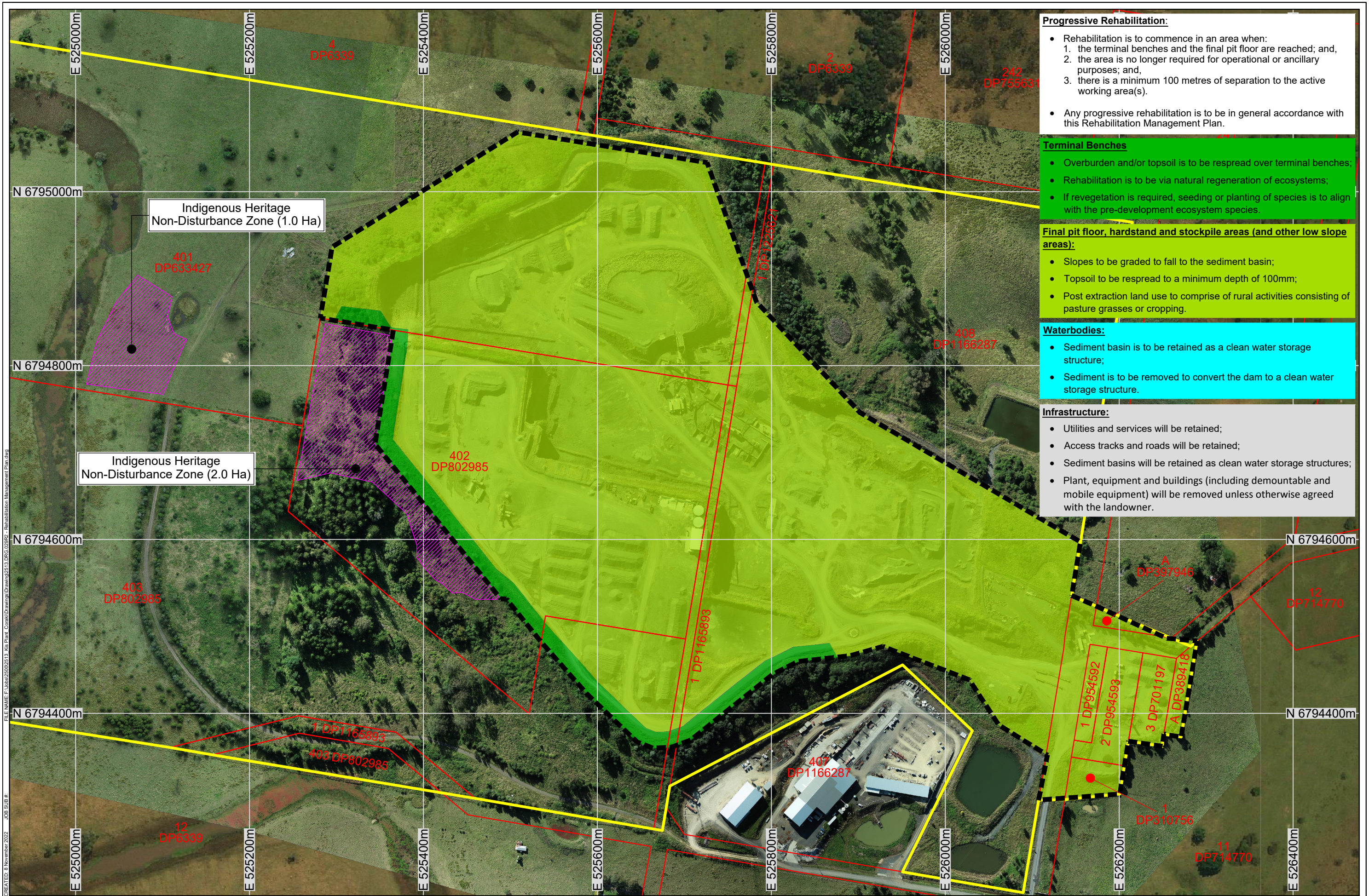
**Legend:**

- Existing Ground Surface (© GWP UAV Survey 2020-June-26)
- Design Surface



PROJECT: <b>Petersons Quarry</b>		TITLE: <b>Conceptual Final Landform Cross Sections</b>			
CLIENT: <b>KIS Quarries</b>		<b>GROUND</b> 		SCALE: 1:5,000 When Printed On A3 	DRAWING NUMBER: <b>2513.DRG.027A</b> REVISION: <b>1</b>
PH: +61 7 93871 0411 WWW.GROUNDWORKS.PRM.AU		DATE: 7 December 2021 PRINTED: 7 December 2021		DRAWN: MRESCAR CHECKED: JLAWLER DATUM: HORIZONTAL / VERTICAL / ZONE MGA / AHD / 56	





- Progressive Rehabilitation:**
- Rehabilitation is to commence in an area when:
    - the terminal benches and the final pit floor are reached; and,
    - the area is no longer required for operational or ancillary purposes; and,
    - there is a minimum 100 metres of separation to the active working area(s).
  - Any progressive rehabilitation is to be in general accordance with this Rehabilitation Management Plan.

- Terminal Benches**
- Overburden and/or topsoil is to be respread over terminal benches;
  - Rehabilitation is to be via natural regeneration of ecosystems;
  - If revegetation is required, seeding or planting of species is to align with the pre-development ecosystem species.

- Final pit floor, hardstand and stockpile areas (and other low slope areas):**
- Slopes to be graded to fall to the sediment basin;
  - Topsoil to be respread to a minimum depth of 100mm;
  - Post extraction land use to comprise of rural activities consisting of pasture grasses or cropping.

- Waterbodies:**
- Sediment basin is to be retained as a clean water storage structure;
  - Sediment is to be removed to convert the dam to a clean water storage structure.

- Infrastructure:**
- Utilities and services will be retained;
  - Access tracks and roads will be retained;
  - Sediment basins will be retained as clean water storage structures;
  - Plant, equipment and buildings (including demountable and mobile equipment) will be removed unless otherwise agreed with the landowner.

REV	DESCRIPTION	DATE	BY
Data Sources:			
Photography: © GWP UAV Survey 2020-June-26			
Topography: © GWP UAV Survey 2020-June-26			
Cadastral: © The State of New South Wales (DPSI) 2020			
Ecosystem: Other: © 2020 Microsoft Corporation, © DigitalGlobe 2020			
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**Legend:**

- Site Boundary
- Cadastral Boundary
- Proposed Quarry Footprint
- Indigenous Heritage Non-Disturbance Zones (3.0 Ha)

- Terminal Benches (1.65 ha)
- Final pit floor, hardstand and stockpile areas (35.34 Ha)

PROJECT: **Petersons Quarry**

CLIENT: **KIS Quarries**

TITLE: **Rehabilitation Management Plan**

SCALE: 1:5,000

When Printed On A3

DATE: 8 November 2022

PRINTED: 6 December 2022

DRAWN: MRESCAR

CHECKED: JLAWLER

DATUM: HORIZONTAL / VERTICAL / ZONE

MGA / AHD / 56

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REVISION: **2**