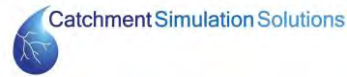


Macdonald River, Colo River, Webbs Creek & Greens Creek Flood Study and Floodplain Risk Management Study and Plan

Map Compendium –Hawkesbury River Driven Events





Contact Information

Rhelm Pty Ltd

ABN : 55 616 964 517

Level 1, 50 Yeo Street

Neutral Bay NSW 2089

Australia

Lead Author:

Oscar Garratt

contact@rhelm.com.au

Document Control

Rev	Effective Date	Description of Revision	Prepared by:	Reviewed by:
0	March 2024	Phase 1 draft, issue to Council	DR / OG / JV	RST / DT
01	December 2024	Draft Flood study and FRMSP Mapping	DR / OG / JV	RST
02	February 2025	Draft for Public Exhibition	OG	RST
03	27 June 2025	Final for Adoption	OG	RST

Prepared For: Hawkesbury City Council

Project Name: Macdonald River, Colo River, Webbs Creek & Greens Creek Flood Study

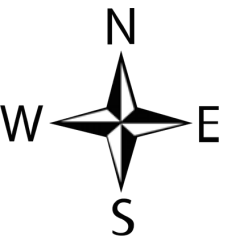
Rhelm Reference: J1382

Document Location: C:\Rhelm Dropbox\J1300-J1399\J1382 - Macdonald & Colo FPRMSP\Mc&Colo FRMSP External\4. Reports\Map Compendium\RR-05-1350-02 Map Compendium_Index.docx

The report has been prepared and reviewed by suitably qualified persons. The scope of the report is based on the client brief and/or the Rhelm written fee proposal and assumes information provided by the client and sourced from other third parties is fit for purpose unless otherwise stated. The findings rely on a range of assumptions that are noted in the report.

Maps

Map Number	Description
RG-00-104_H	2% AEP Peak Depth and Level – Hawkesbury Driven
RG-00-105_H	1% AEP Peak Depth and Level – Hawkesbury Driven
RG-00-106_H	1 in 200 AEP (0.5% chance per year) Peak Depth and Level – Hawkesbury Driven
RG-00-107_H	1 in 500 AEP (0.2% chance per year) Peak Depth and Level – Hawkesbury Driven
RG-00-108_H	1 in 1000 AEP (0.1% chance per year) Peak Depth and Level– Hawkesbury Driven
RG-00-109_H	1 in 2000 AEP (0.05% chance per year) Peak Depth and Level – Hawkesbury Driven
RG-00-110_H	PMF Peak Depth and Level – Hawkesbury Driven
RG-00-204_H	2% AEP Peak Velocity – Hawkesbury Driven
RG-00-205_H	1% AEP Peak Velocity – Hawkesbury Driven
RG-00-206_H	1 in 200 AEP (0.5% chance per year) Velocity – Hawkesbury Driven
RG-00-207_H	1 in 500 AEP (0.2% chance per year) Velocity – Hawkesbury Driven
RG-00-208_H	1 in 1000 AEP (0.1% chance per year) Velocity – Hawkesbury Driven
RG-00-209_H	1 in 2000 AEP (0.05% chance per year) Velocity – Hawkesbury Driven
RG-00-210_H	PMF Peak Velocity – Hawkesbury Driven
RG-00-304_H	2% AEP Peak Hazard – Hawkesbury Driven
RG-00-305_H	1% AEP Peak Hazard – Hawkesbury Driven
RG-00-306_H	1 in 200 AEP (0.5% chance per year) Hazard – Hawkesbury Driven
RG-00-307_H	1 in 500 AEP (0.2% chance per year) Hazard – Hawkesbury Driven
RG-00-308_H	1 in 1000 AEP (0.1% chance per year) Hazard – Hawkesbury Driven
RG-00-309_H	1 in 2000 AEP (0.05% chance per year) Hazard – Hawkesbury Driven
RG-00-310_H	PMF Hazard – Hawkesbury Driven

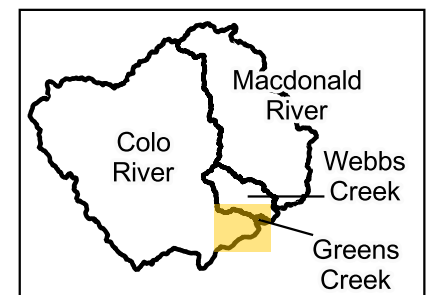


RG-00-104a_H
Hawkesbury Driven
Colo River
Peak Depth and Level
2% AEP
Map 1 of 4

- Study Area Catchments
- Subject Model Extent
- Model Extent
- Cadastre
- Road
- Waterway
- Water Level Contours

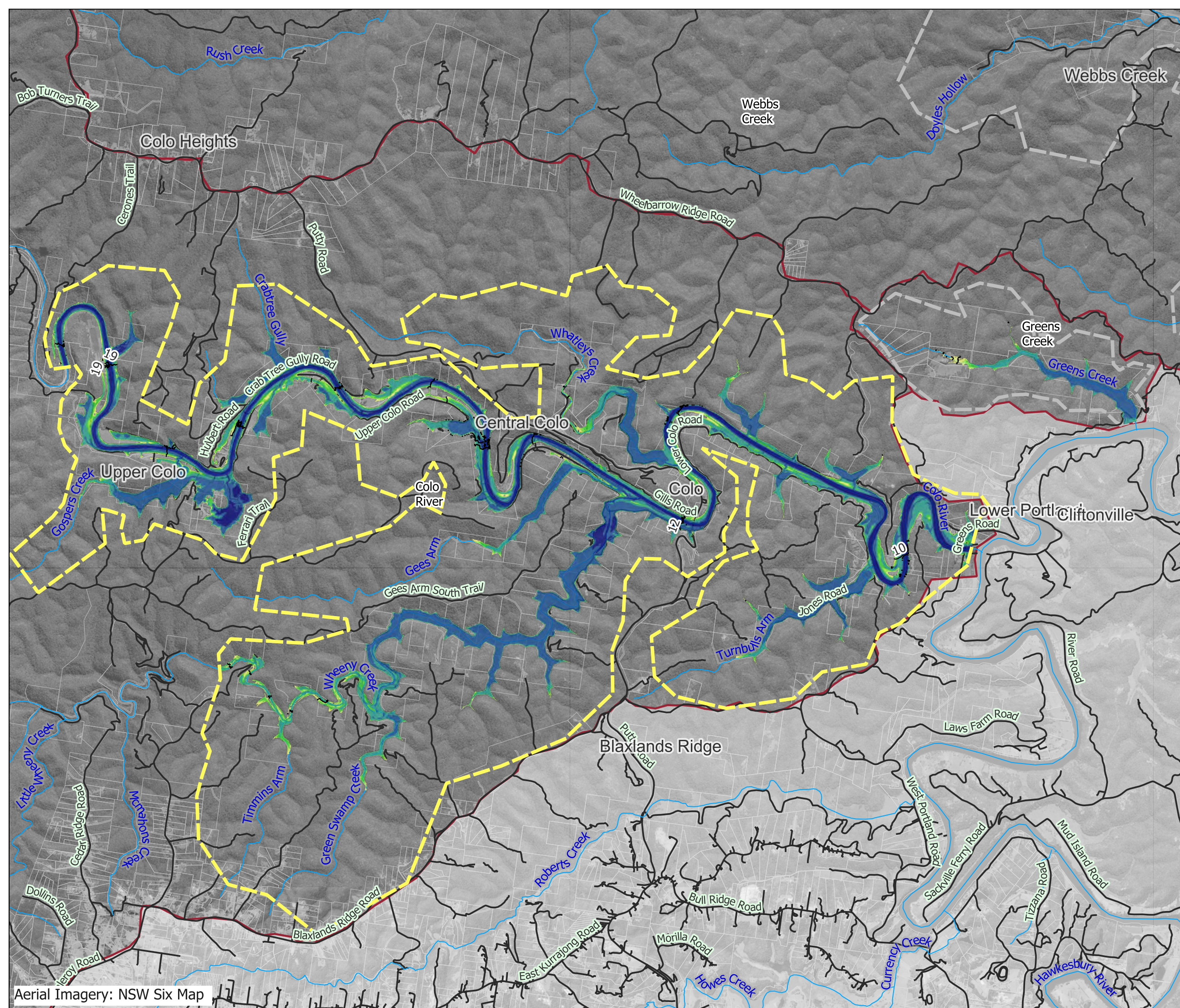
Peak Depth (m)

- 0 - 0.5
- 0.5 - 1
- 1 - 2
- 2 - 5
- 5 - 10
- > 10

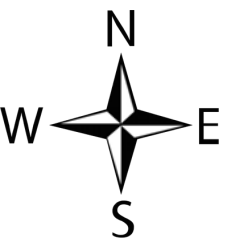


0 1 2 km

Job Number: J1382
Scale : 1:65000@A3
Date : 10/09/2024
Revision : 01
Created by : AM
Coordinate System : GDA2020 /
MGA zone 56



Aerial Imagery: NSW Six Map

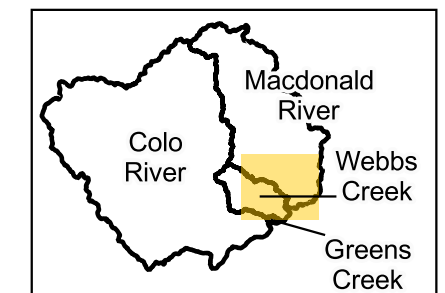


RG-00-104b_H
Hawkesbury Driven
Macdonald River
Peak Depth and Level
2% AEP
Map 2 of 4

- Study Area Catchments
- Subject Model Extent
- Model Extent
- Cadastre
- Road
- Waterway
- Water Level Contours

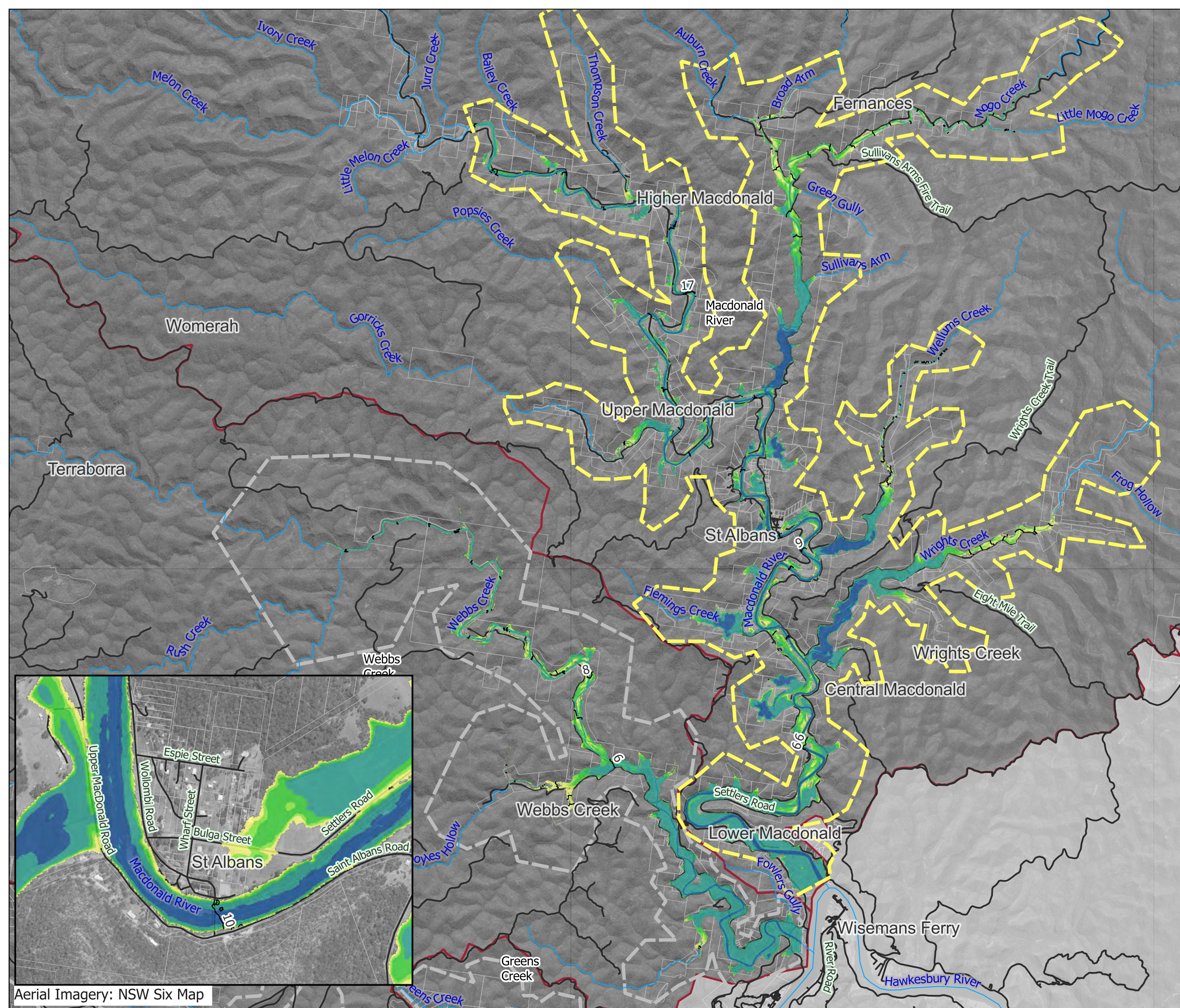
Peak Depth (m)

- 0 - 0.5
- 0.5 - 1
- 1 - 2
- 2 - 5
- 5 - 10
- > 10

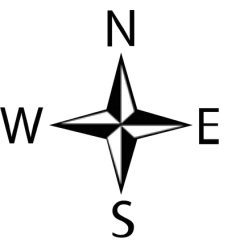


0 2 4 km

Job Number: J1382
Scale : 1:90000@A3
Date : 10/09/2024
Revision : 01
Created by : AM
Coordinate System : GDA2020 /
MGA zone 56



Aerial Imagery: NSW Six Map

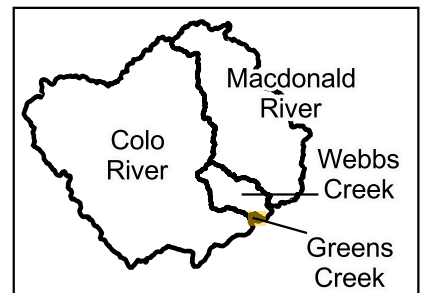


RG-00-104c_H
Hawkesbury Driven
Greens Creek
Peak Depth and Level
2% AEP
Map 3 of 4

- Study Area Catchments
- Subject Model Extent
- Model Extent
- Cadastre
- Road
- Waterway
- Water Level Contours

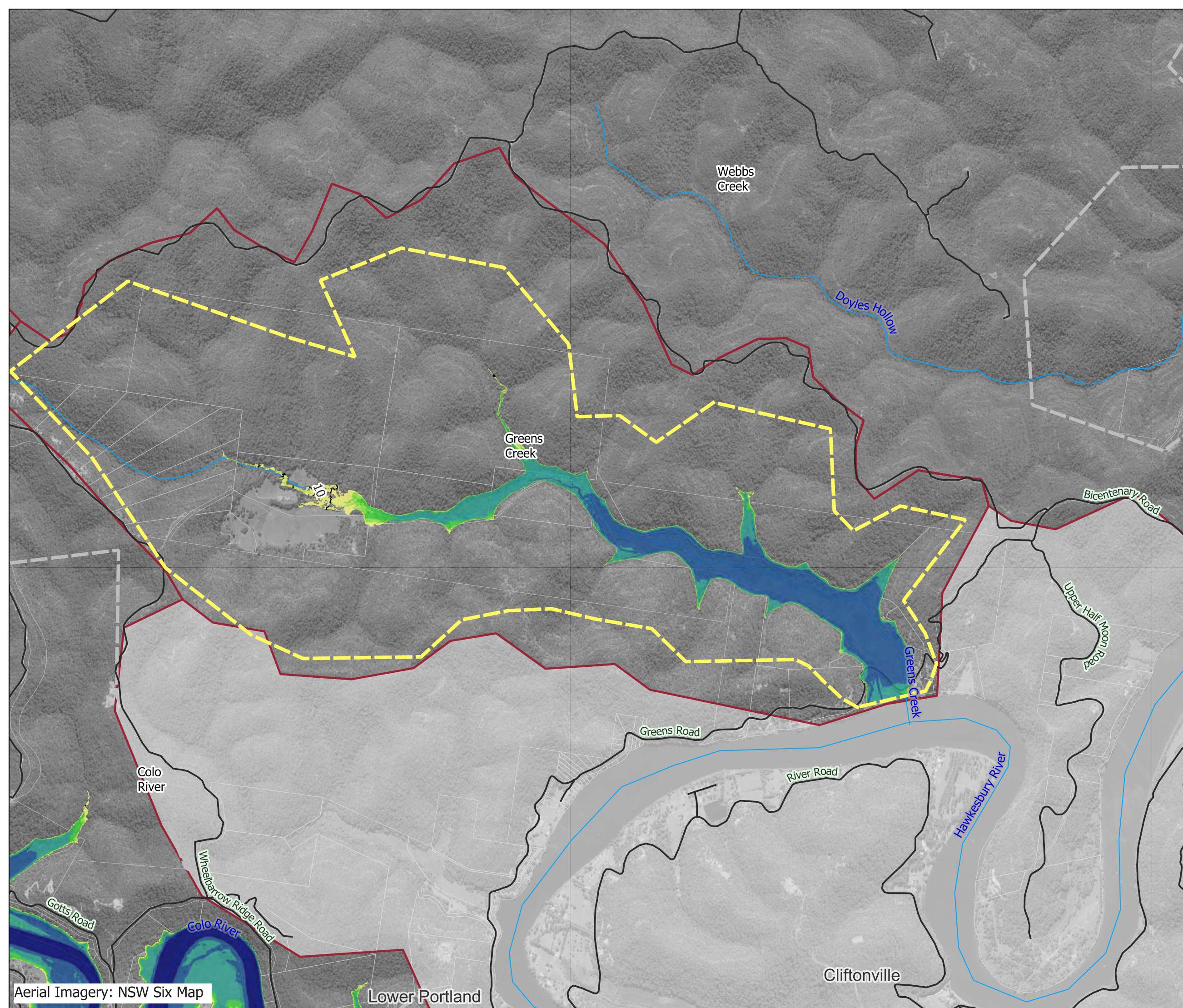
Peak Depth (m)

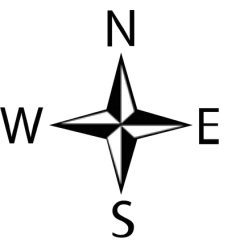
- 0 - 0.5
- 0.5 - 1
- 1 - 2
- 2 - 5
- 5 - 10
- > 10



0 0.4 0.8 km

Job Number: J1382
Scale : 1:20000@A3
Date : 10/09/2024
Revision : 01
Created by : AM
Coordinate System : GDA2020 /
MGA zone 56



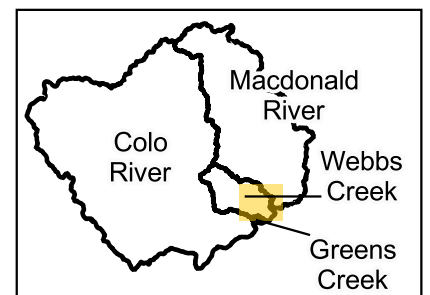


RG-00-104d_H
Hawkesbury Driven
Webbs Creek
Peak Depth and Level
2% AEP
Map 4 of 4

- Study Area Catchments
- Subject Model Extent
- Model Extent
- Cadastre
- Road
- Waterway
- Water Level Contours

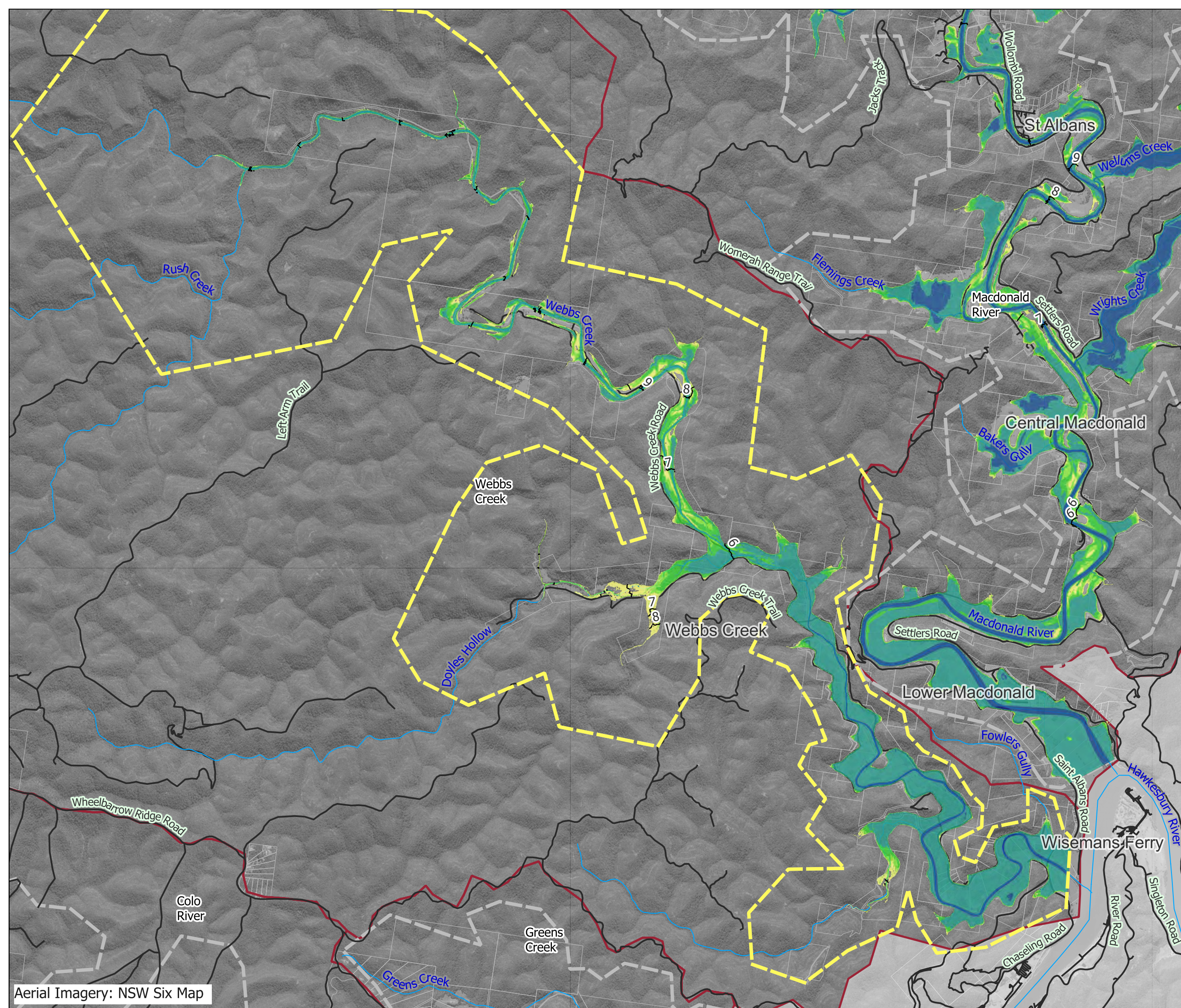
Peak Depth (m)

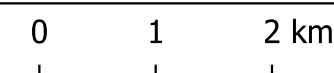
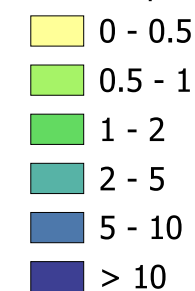
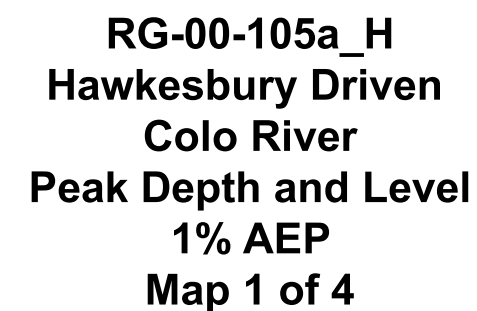
- 0 - 0.5
- 0.5 - 1
- 1 - 2
- 2 - 5
- 5 - 10
- > 10



0 1 2 km

Job Number: J1382
Scale : 1:50000@A3
Date : 10/09/2024
Revision : 01
Created by : AM
Coordinate System : GDA2020 /
MGA zone 56

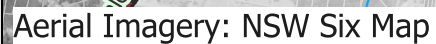


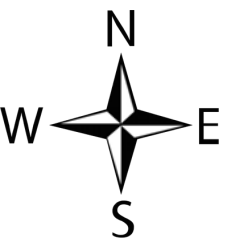


Job Number: J1382
Scale : 1:65000@A3
Date : 10/09/2024
Revision : 01
Created by : AM
Coordinate System : GDA2020 /
MGA zone 56



Catchment Simulation Solutions



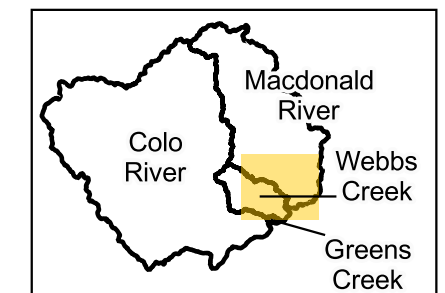


RG-00-105b_H
Hawkesbury Driven
Macdonald River
Peak Depth and Level
1% AEP
Map 2 of 4

- Study Area Catchments
- Subject Model Extent
- Model Extent
- Cadastre
- Road
- Waterway
- Water Level Contours

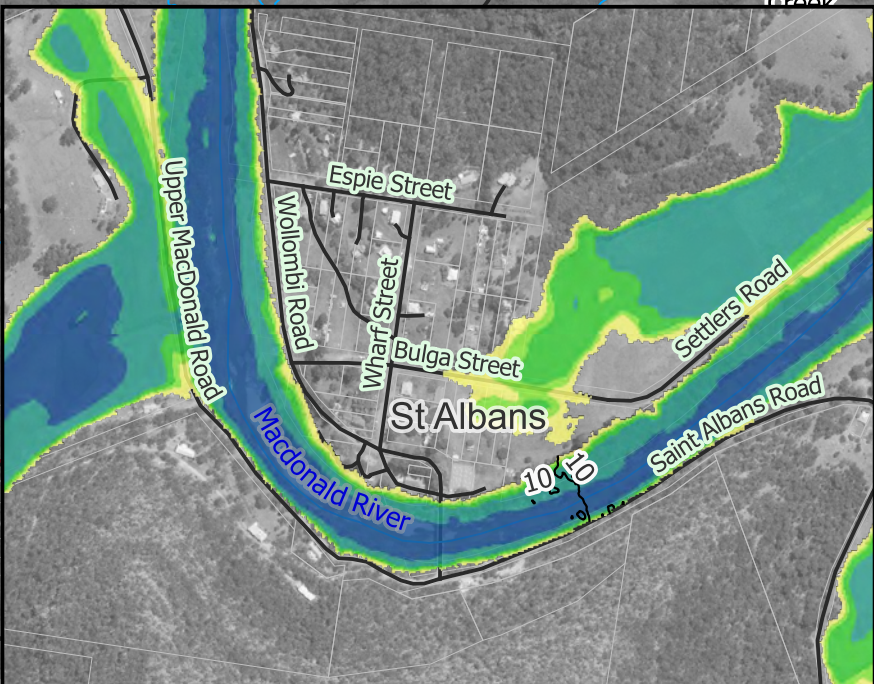
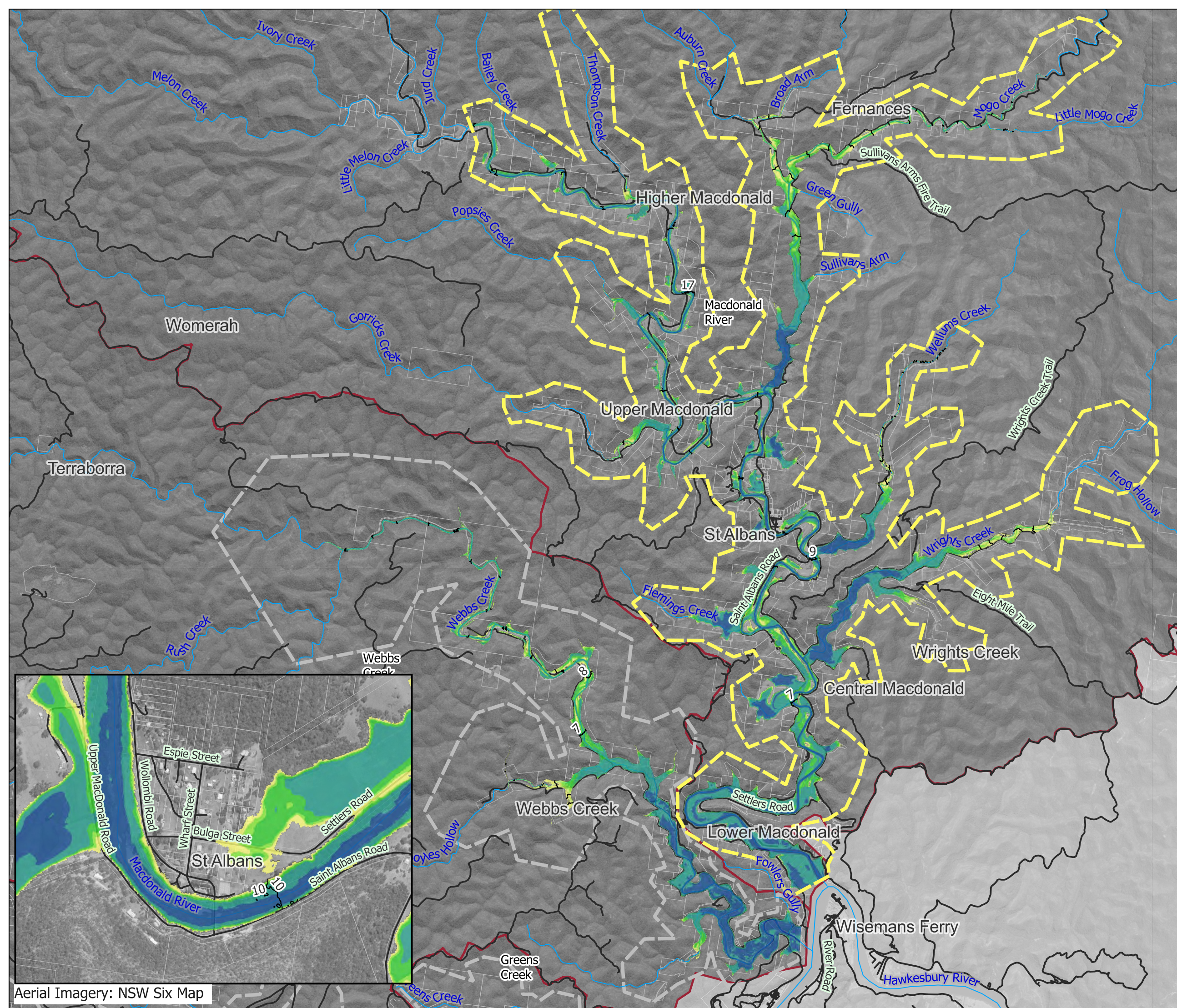
Peak Depth (m)

- 0 - 0.5
- 0.5 - 1
- 1 - 2
- 2 - 5
- 5 - 10
- > 10

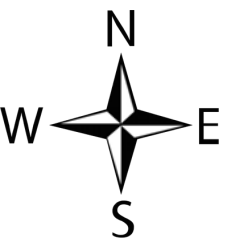


0 2 4 km

Job Number: J1382
Scale : 1:90000@A3
Date : 10/09/2024
Revision : 01
Created by : AM
Coordinate System : GDA2020 /
MGA zone 56



Aerial Imagery: NSW Six Map

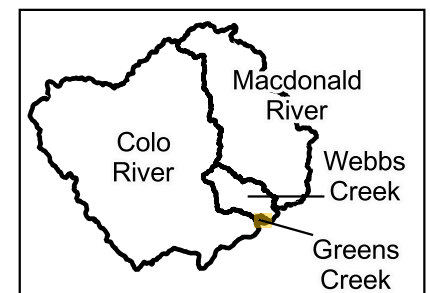


RG-00-105c_H
Hawkesbury Driven
Greens Creek
Peak Depth and Level
1% AEP
Map 3 of 4

- Study Area Catchments
- Subject Model Extent
- Model Extent
- Cadastre
- Road
- Waterway
- Water Level Contours

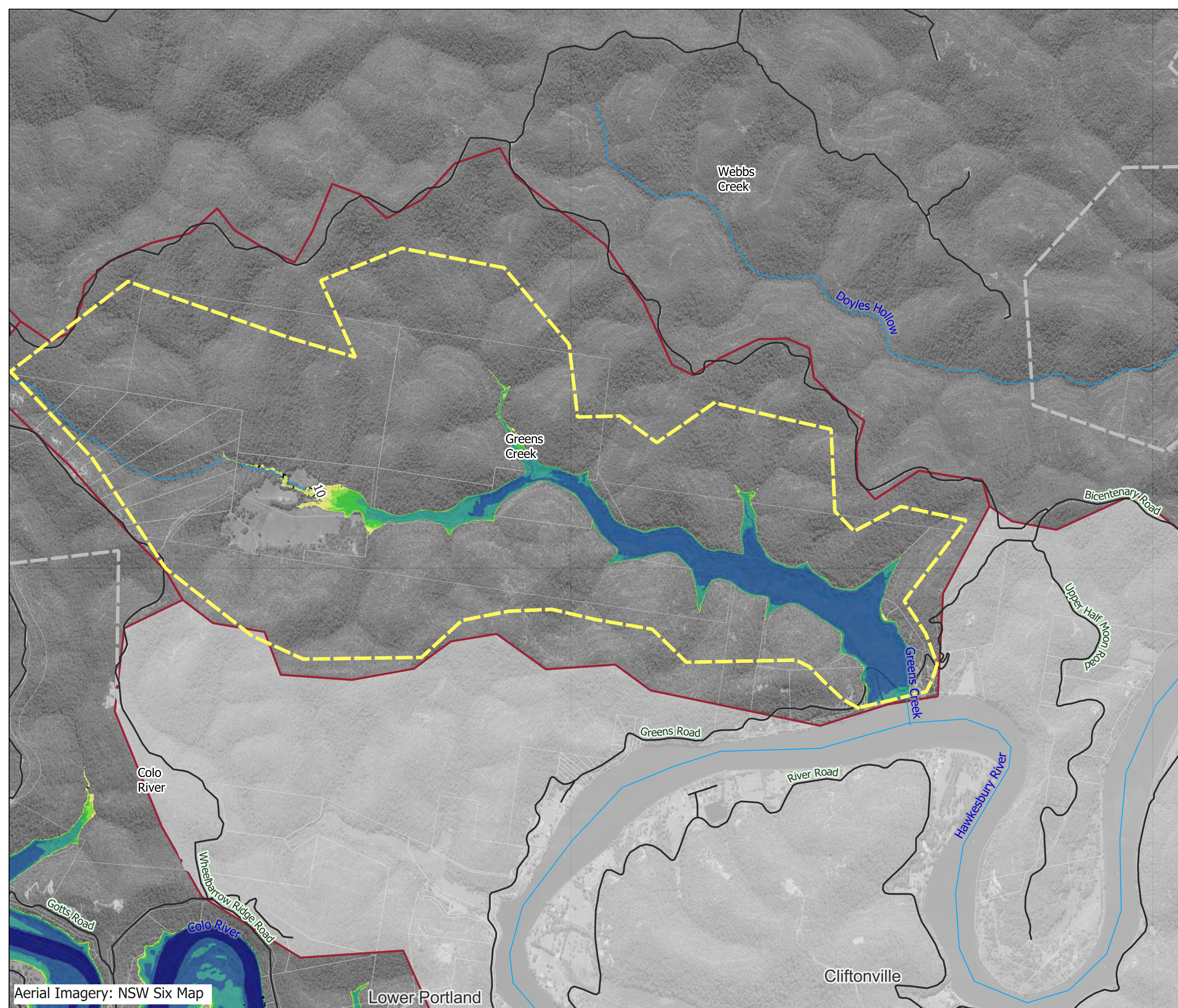
Peak Depth (m)

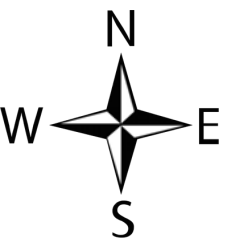
- 0 - 0.5
- 0.5 - 1
- 1 - 2
- 2 - 5
- 5 - 10
- > 10



0 0.4 0.8 km

Job Number: J1382
Scale : 1:20000@A3
Date : 10/09/2024
Revision : 01
Created by : AM
Coordinate System : GDA2020 /
MGA zone 56



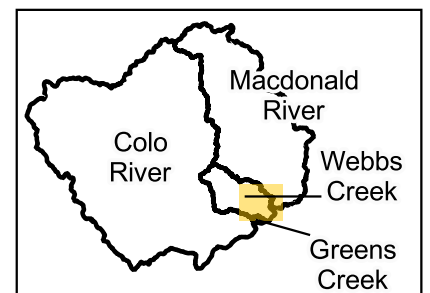


RG-00-105d_H
Hawkesbury Driven
Webbs Creek
Peak Depth and Level
1% AEP
Map 4 of 4

- Study Area Catchments
- Subject Model Extent
- Model Extent
- Cadastre
- Road
- Waterway
- Water Level Contours

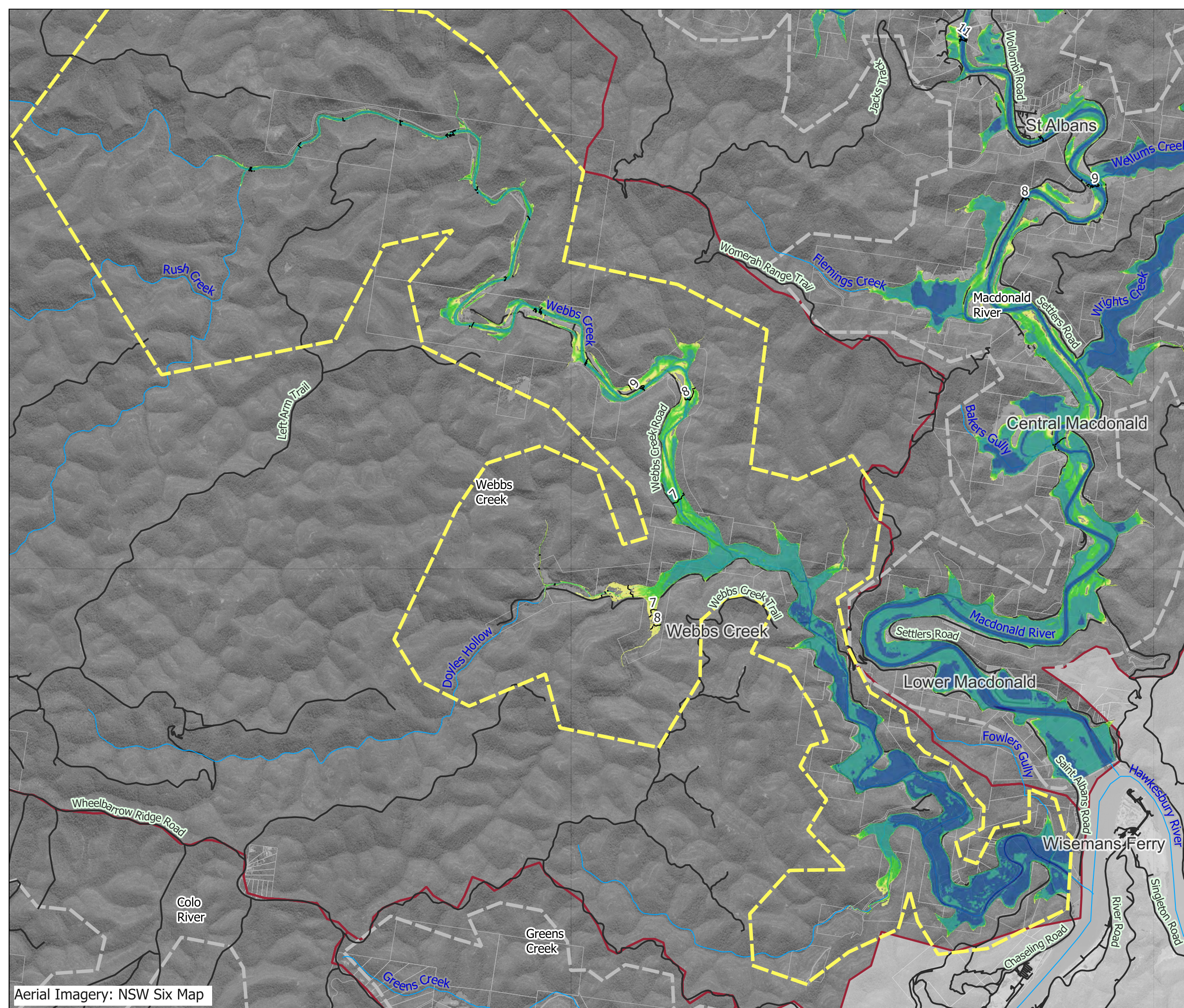
Peak Depth (m)

- 0 - 0.5
- 0.5 - 1
- 1 - 2
- 2 - 5
- 5 - 10
- > 10

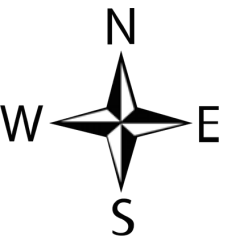


0 1 2 km

Job Number: J1382
Scale : 1:50000@A3
Date : 10/09/2024
Revision : 01
Created by : AM
Coordinate System : GDA2020 /
MGA zone 56



Aerial Imagery: NSW Six Map

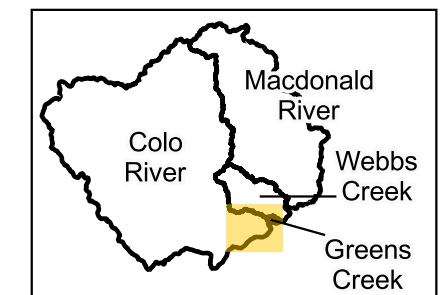


RG-00-106a_H
Hawkesbury Driven
Colo River
Peak Depth and Level
1 in 200 AEP (0.5%
chance per year)
Map 1 of 4

- Study Area Catchments
- Subject Model Extent
- Model Extent
- Cadastre
- Road
- Waterway
- Water Level Contours

Peak Depth (m)

- 0 - 0.5
- 0.5 - 1
- 1 - 2
- 2 - 5
- 5 - 10
- > 10



0 1 2 km

Job Number: J1382
Scale : 1:65000@A3
Date : 10/09/2024
Revision : 01
Created by : AM
Coordinate System : GDA2020 /
MGA zone 56

