

APPENDICES

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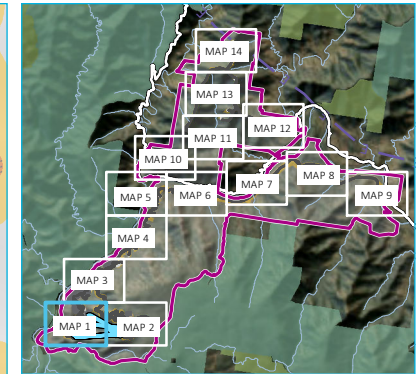
**OVEN MOUNTAIN PUMPED HYDRO
ENERGY STORAGE EIS**

Detailed maps and plans



**OVEN MOUNTAIN
PUMPED HYDRO STORAGE**





- KEY**
- Project area
 - Construction envelope
 - Disturbance footprint
 - MAT portal
 - Mechanical workshop
 - Site office
 - Spoil emplacement area
 - Switchyard
 - Dam wall
 - Lower FSL
 - Lower dam diversion tunnel
 - Lower dam excavation
 - Dam and reservoir design
 - Power and communications lines
 - Transmission overhead lines
 - Tunnels, portals, intakes and shafts
 - Permanent road
 - Pump station
 - Transmission tower
 - Internal power pole
- Existing environment
- Kempsey-Armidale Road
 - Watercourse/drainage line
 - Named waterbody
 - Cadastrre
 - NPWS reserve

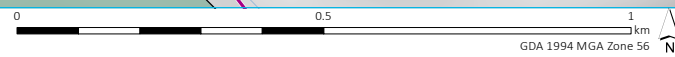
Detailed plan - MAP 1

Oven Mountain Pumped Hydro
Energy Storage Project
Environmental Impact Assessment
OMPS Pty Ltd
Figure 1



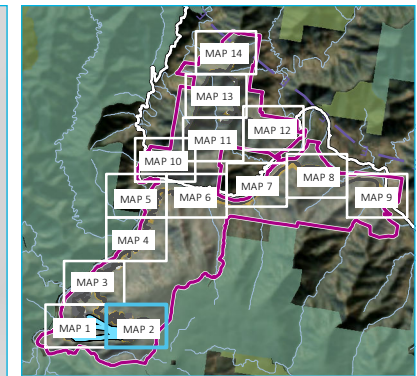
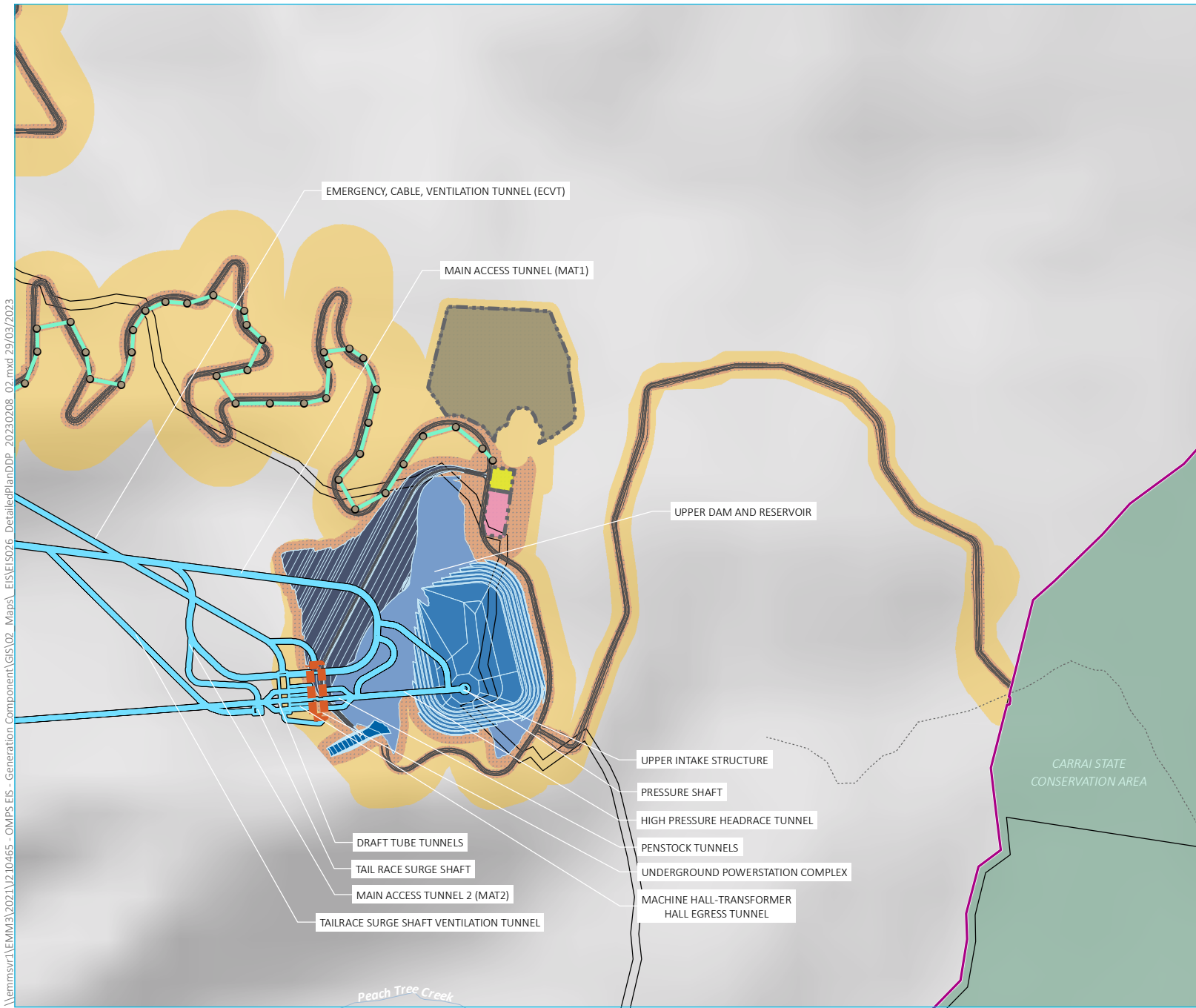
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Source: EMM (2022); DFSI (2020); GA (2011); SMEC (2022); ESRI (2022)



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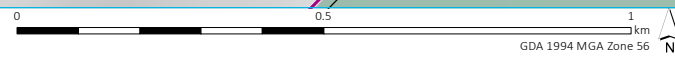
\\lemmsvr1\EMM3\2021\U2.10465 - OMPS EIS - Generation Component\GIS\02 - Maps\ EIS\EIS026 - DetailedPlanDDP - 20230208 02.mxd 29/03/2023



- KEY**
- Project area
 - Construction envelope
 - Disturbance footprint
 - Communication tower
 - Site office
 - Spoil emplacement area
 - Dam wall
 - Upper FSL
 - Upper dam excavation
 - Upper dam spillway
 - Dam and reservoir design
 - Power and communications lines
 - Underground power station complex
 - Tunnels, portals, intakes and shafts
 - Permanent road
 - Internal power pole
 - Existing environment
 - Kempsey-Armidale Road
 - Vehicular track
 - Watercourse/drainage line
 - Cadastre
 - NPWS reserve

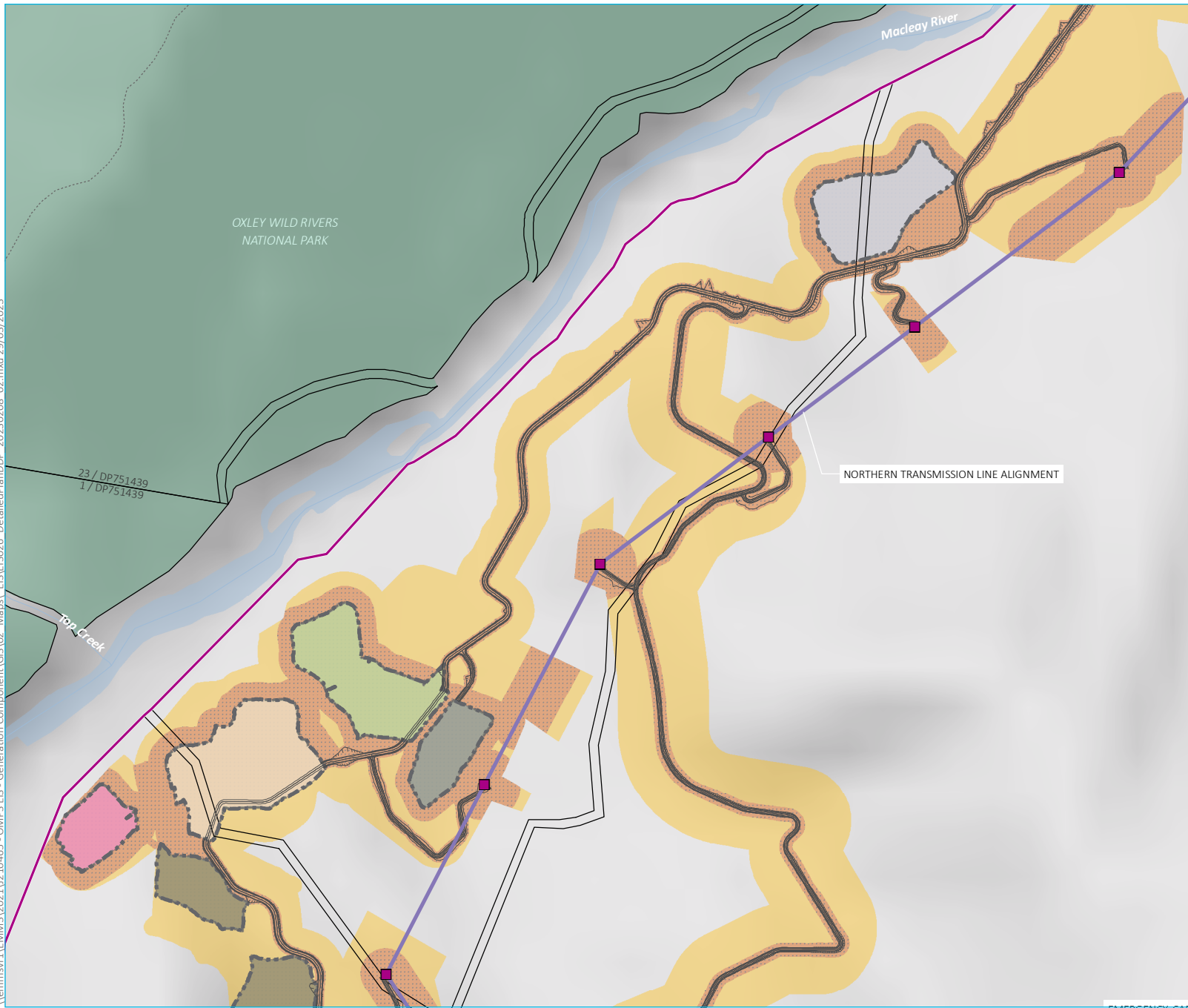
Detailed plan - MAP 2

Oven Mountain Pumped Hydro
Energy Storage Project
Environmental Impact Assessment
OMPS Pty Ltd
Figure 1

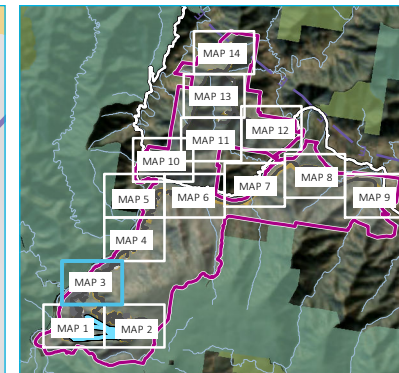


Source: EMM (2022); DFSI (2020); GA (2011); SMEC (2022); ESRI (2022)

\\lemmsvr1\EMM3\2021\12.10465 - OMPS EIS - Generation Component\GIS\02 - Maps\ EIS\EIS026 - DetailedPlanDDP - 2023\0208 - 02.mxd 29/03/2023



Source: EMM (2022); DFSI (2020); GA (2011); SMEC (2022); ESRI (2022)



KEY

- Project area
- Construction envelope
- Disturbance footprint
- Accomodation camp
- Batching plant
- Mechanical workshop
- Site office
- Spoil emplacement area
- Stockpile
- Transmission overhead lines
- Permanent road
- Transmission tower
- Existing environment
- Kempsey-Armidale Road
- Vehicular track
- Watercourse/drainage line
- Named waterbody
- Cadastre
- NPWS reserve

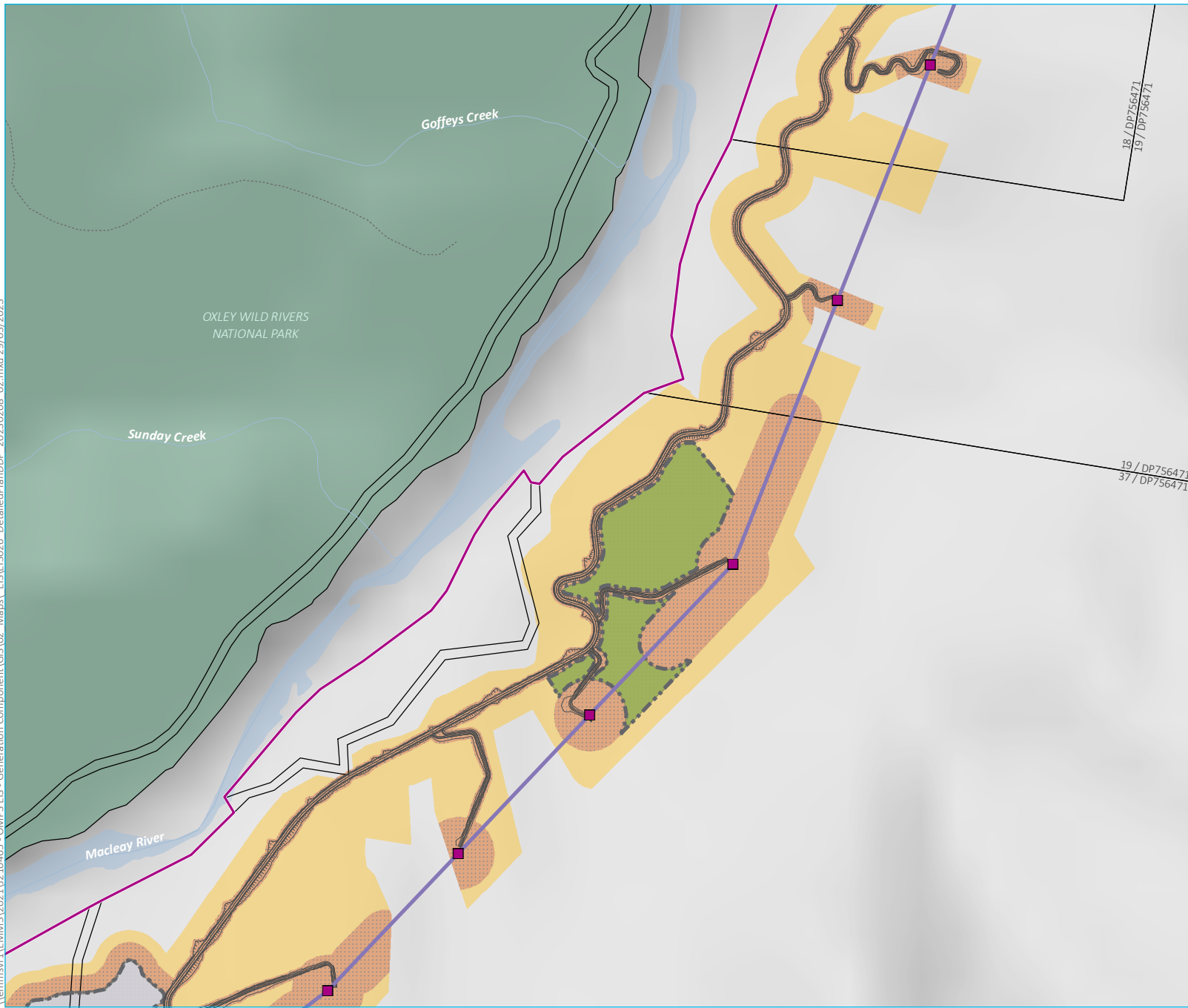
Detailed plan - MAP 3

Oven Mountain Pumped Hydro
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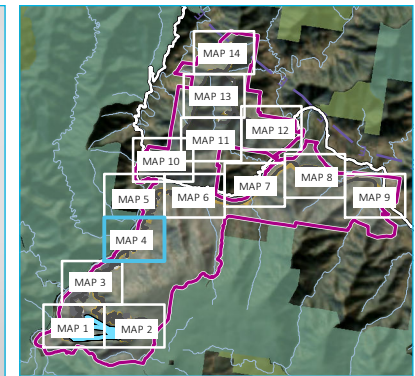


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\\lemmsvr1\EMM3\2021\U2\10465 - OMPS EIS - Generation Component\GIS\02_Maps\EIS\EIS026_DetailedPlanDDP_20230208_02.mxd 29/03/2023



Source: EMM (2022); DFSI (2020); GA (2011); SMEC (2022); ESRI (2022)



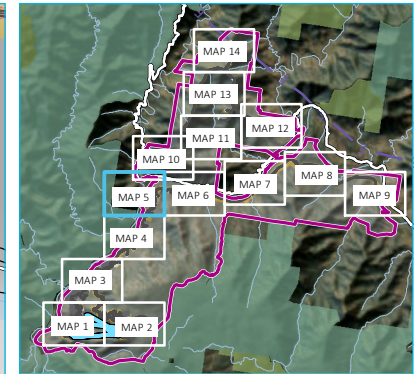
- KEY**
- Project area
 - Construction envelope
 - Disturbance footprint
 - Accommodation camp
 - Laydown/stockpile area
 - Transmission overhead lines
 - Permanent road
 - Transmission tower
 - Existing environment
 - Kempsey-Armidale Road
 - Vehicular track
 - Watercourse/drainage line
 - Named waterbody
 - Cadastre
 - NPWS reserve

Detailed plan - MAP 4

Oven Mountain Pumped Hydro
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Figure 1



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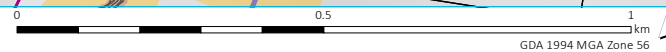


- KEY**
- Project area
 - Construction envelope
 - Disturbance footprint
 - Transmission overhead lines
 - Permanent road
 - Transmission tower
- Existing environment
- Kempsey-Armidale Road
 - Vehicular track
 - Watercourse/drainage line
 - Named waterbody
 - Cadastre
 - NPWS reserve

Detailed plan - MAP 5

Oven Mountain Pumped Hydro
Energy Storage Project
Environmental Impact Assessment
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Figure 1

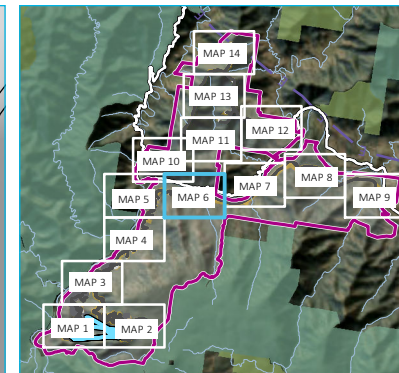
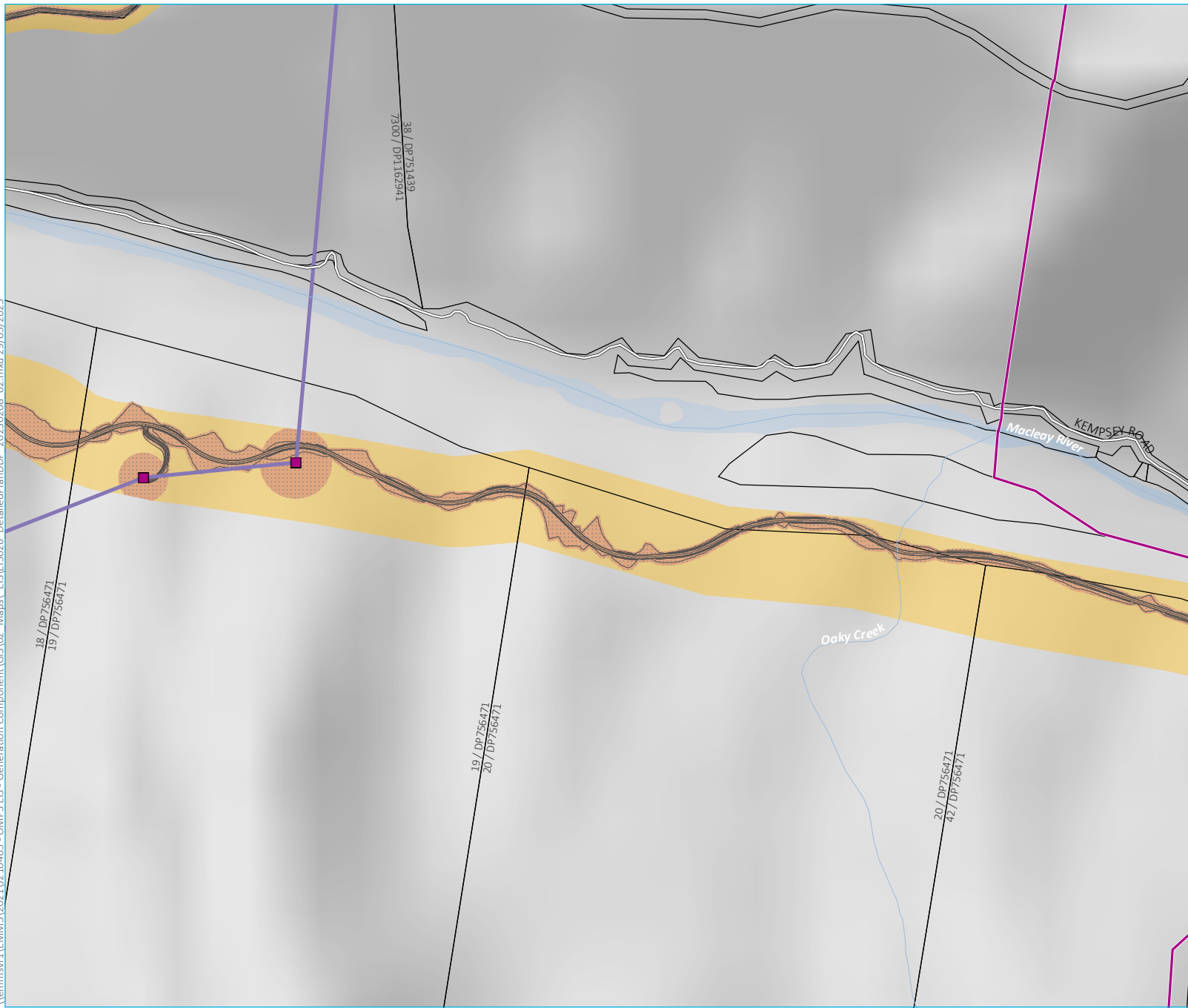
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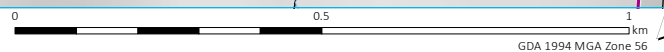
- Project area
- Construction envelope
- Disturbance footprint
- Transmission overhead lines
- Permanent road
- Transmission tower
- Existing environment
- Kempsey-Armidale Road
- Watercourse/drainage line
- Named waterbody
- Cadastre

Detailed plan - MAP 6

Oven Mountain Pumped Hydro
 Energy Storage Project
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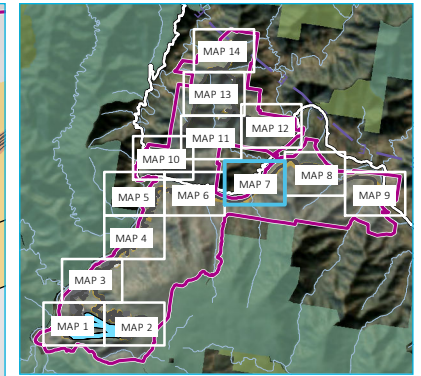
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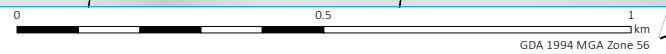
Source: EMM (2022); DFSI (2020); GA (2011); SMEC (2022); ESRI (2022)



- KEY**
- Project area
 - Construction envelope
 - Disturbance footprint
 - Permanent road
 - Existing environment
 - Kempsey-Armidale Road
 - Watercourse/drainage line
 - Named waterbody
 - Cadastre

Detailed plan - MAP 7

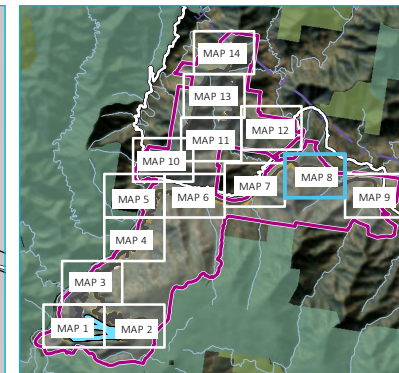
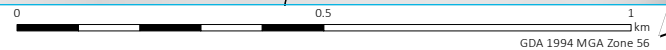
Oven Mountain Pumped Hydro
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Figure 1



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Source: EMM (2022); DFSI (2020); GA (2011); SMEC (2022); ESRI (2022)



KEY

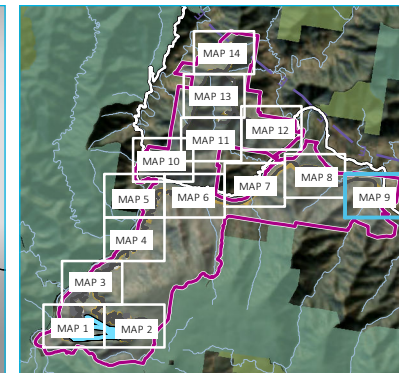
- Project area
- Construction envelope
- Disturbance footprint
- Permanent road
- Existing environment
- Kempsey-Armidale Road
- Watercourse/drainage line
- Named waterbody
- Cadastre

Detailed plan - MAP 8

Oven Mountain Pumped Hydro
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Figure 1



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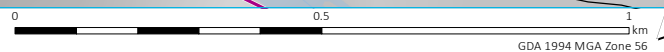
- KEY**
- Project area
 - Construction envelope
 - Disturbance footprint
 - Permanent road
 - Existing environment**
 - Kempsey-Armidale Road
 - Watercourse/drainage line
 - Named waterbody
 - Cadastral

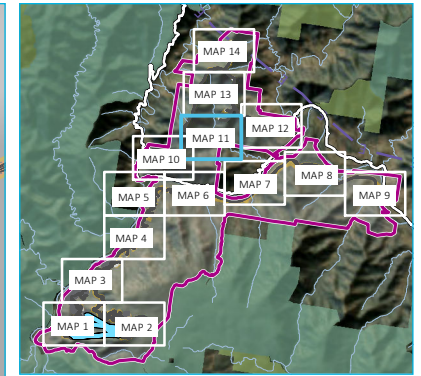
Detailed plan - MAP 9

Oven Mountain Pumped Hydro
Energy Storage Project
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Figure 1



Source: EMM (2022); DFSI (2020); GA (2011); SMEC (2022); ESRI (2022)





KEY

- Project area
- Construction envelope
- Disturbance footprint
- Transmission overhead lines
- Permanent road
- Transmission tower
- Existing environment
- Kempsey-Armidale Road
- Watercourse/drainage line
- Cadastre

Detailed plan - MAP 11

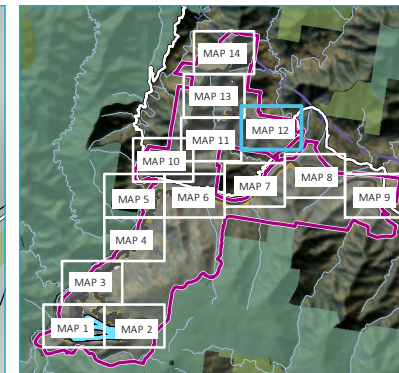
Oven Mountain Pumped Hydro
Energy Storage Project
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Figure 1



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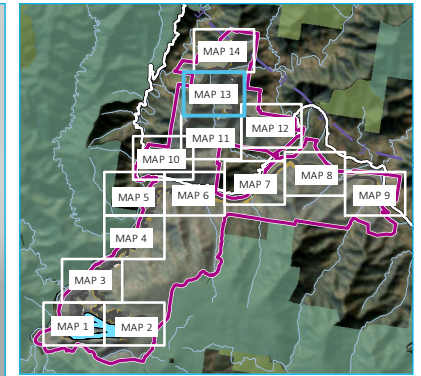
KEY

- Project area
- Construction envelope
- Disturbance footprint
- Permanent road
- Existing environment
- Kempsey-Armidale Road
- Minor road
- Watercourse/drainage line
- Named waterbody
- Cadastre
- State forest

Detailed plan - MAP 12

Oven Mountain Pumped Hydro
Energy Storage Project
Environmental Impact Assessment
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Figure 1





- KEY**
- Project area
 - Construction envelope
 - Disturbance footprint
 - Transmission overhead lines
 - Permanent road
 - Transmission tower
- Existing environment
- Kempsey-Armidale Road
 - Watercourse/drainage line
 - Cadastre

Detailed plan - MAP 13

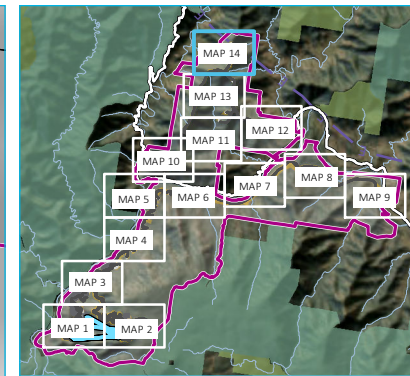
Oven Mountain Pumped Hydro
Energy Storage Project
Environmental Impact Assessment
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Figure 1



\\lemmsvr1\EMM3\2021\12.10.465 - OMPS EIS - Generation Component\GIS\02_Maps\EIS\EIS026_DetailedPlan\DP - 2023\0208_02.mxd 29/03/2023



Source: EMM (2022); DFSI (2020); GA (2011); SMEC (2022); ESRI (2022)



- KEY**
- Project area
 - Construction envelope
 - Disturbance footprint
 - Transmission overhead lines
 - Permanent road
 - Transmission tower
- Existing environment
- Kempsey-Armidale Road
 - Vehicular track
 - Existing transmission line
 - Watercourse/drainage line
 - Cadastre

Detailed plan - MAP 14

Oven Mountain Pumped Hydro
Energy Storage Project
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Figure 1



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