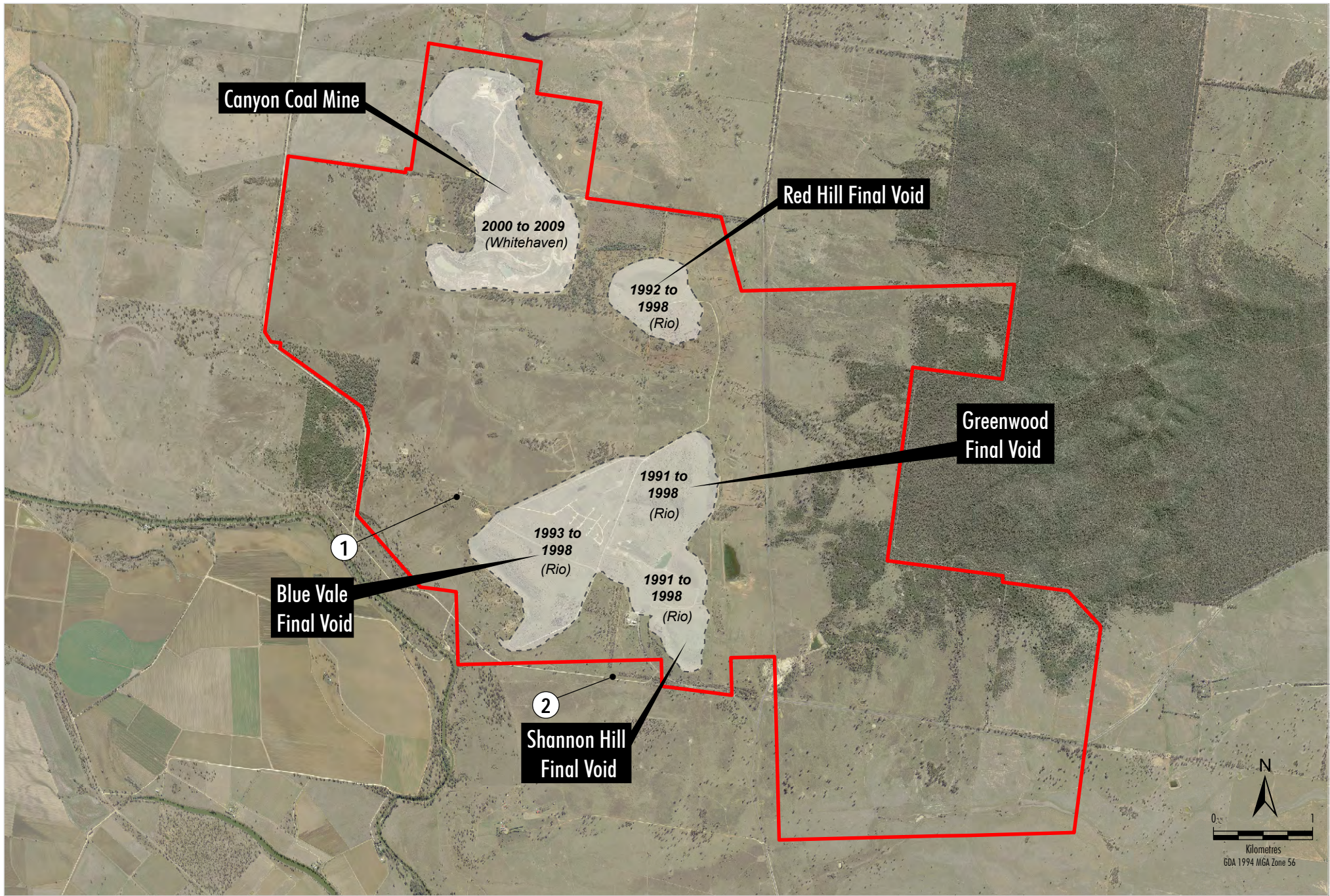


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Source: LPMA - Topographic Base (2010); NSW Department of Industry (2015)

- LEGEND**
- Mining Tenement Boundary (ML & CL)
  - Mining Lease Application (MLA)
  - Local Government Boundary
  - NSW State Forest
  - State Conservation Area, Aboriginal Area
  - Major Roads
  - Railway
  - Approved Road Transport Route
  - Indicative Project Rail Spur



**Canyon Coal Mine**

2000 to 2009  
(Whitehaven)

**Red Hill Final Void**

1992 to 1998  
(Rio)

**Greenwood Final Void**

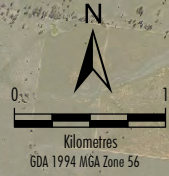
1991 to 1998  
(Rio)

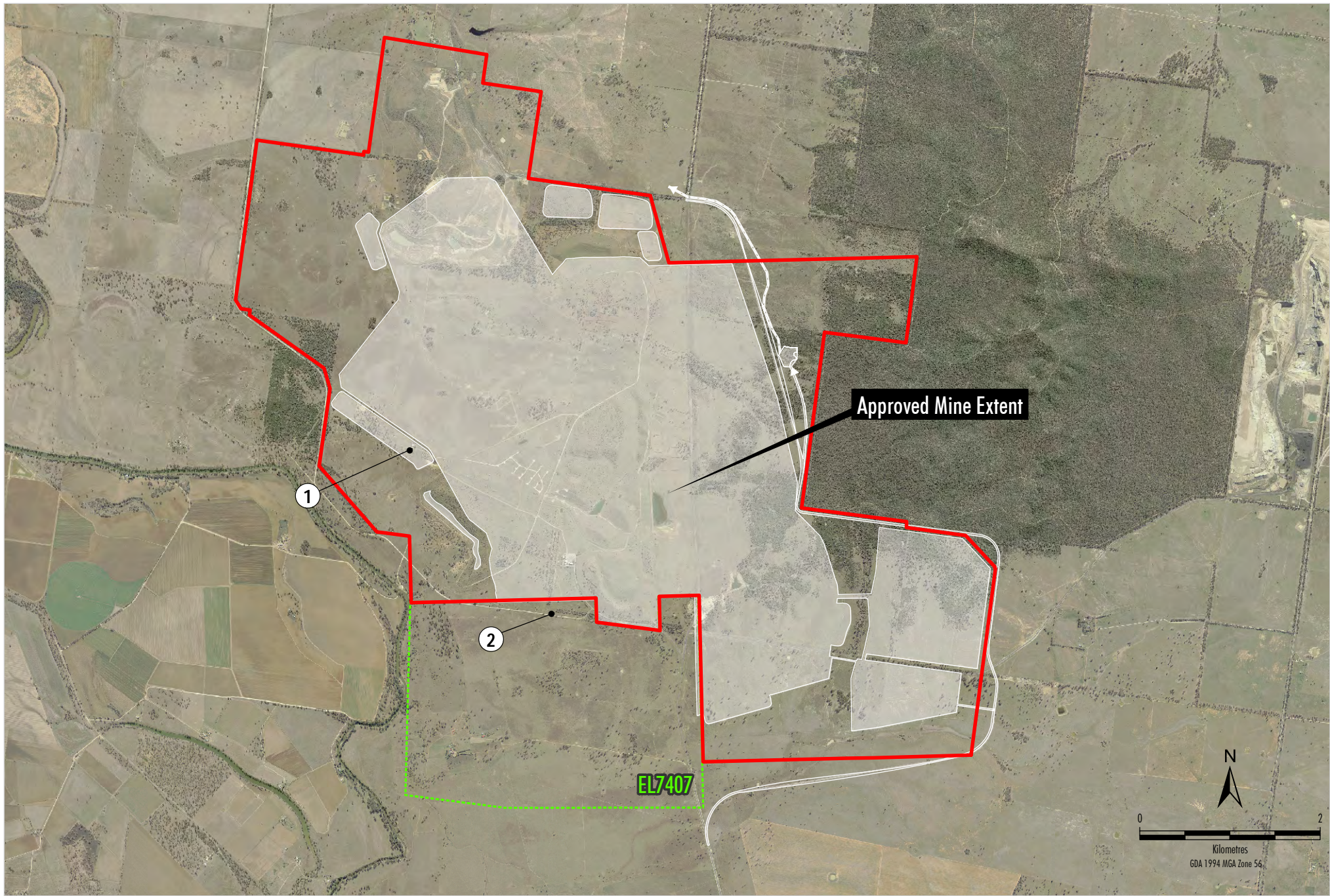
**Blue Vale Final Void**

1993 to 1998  
(Rio)

**Shannon Hill Final Void**

1991 to 1998  
(Rio)



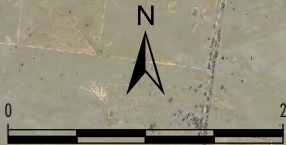


Approved Mine Extent

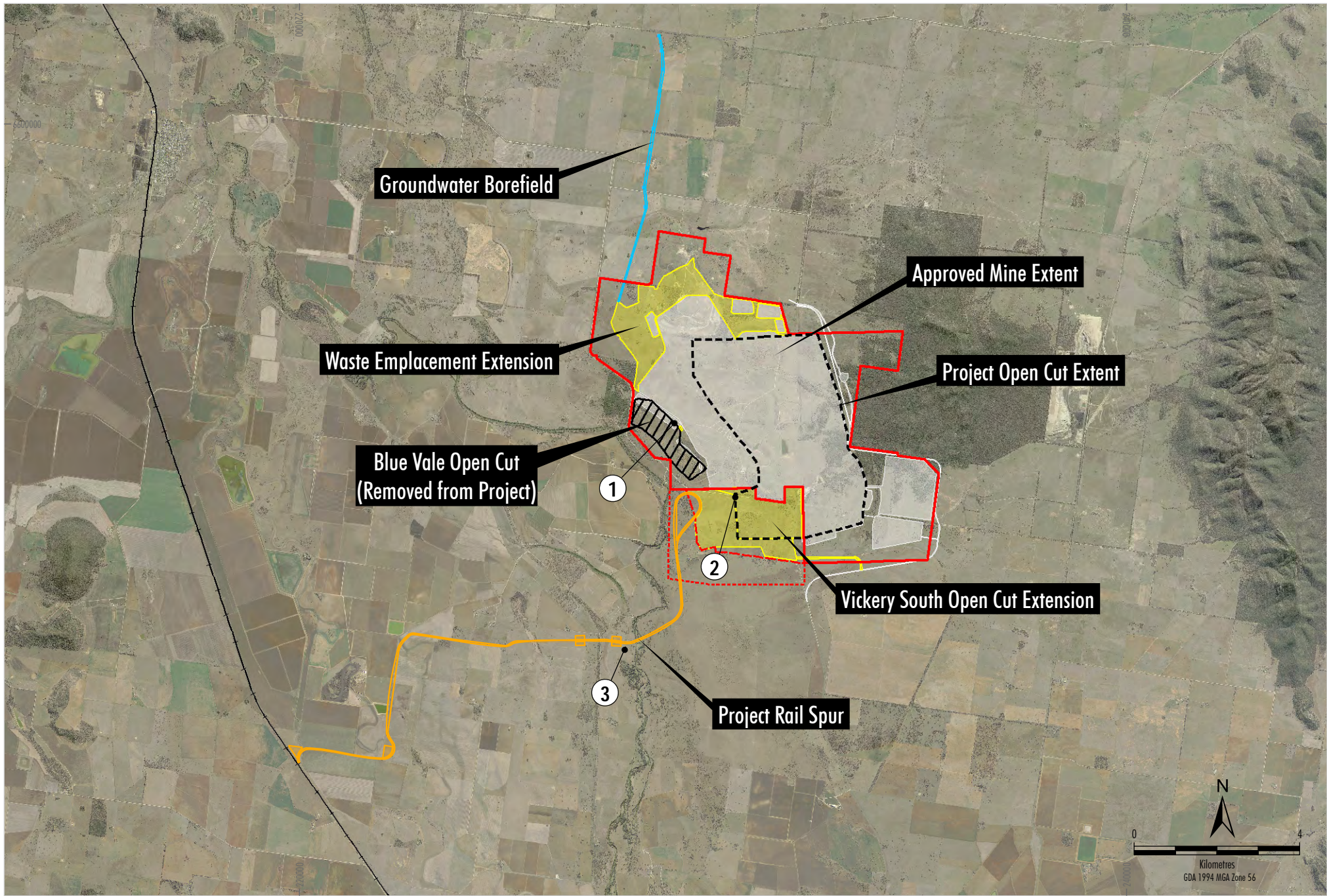
1

2

EL7407



GDA 1994 MGA Zone 56



**Groundwater Borefield**

**Approved Mine Extent**

**Waste Emplacement Extension**

**Project Open Cut Extent**

**Blue Vale Open Cut  
(Removed from Project)**

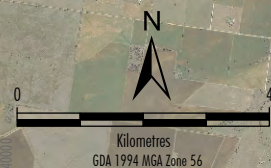
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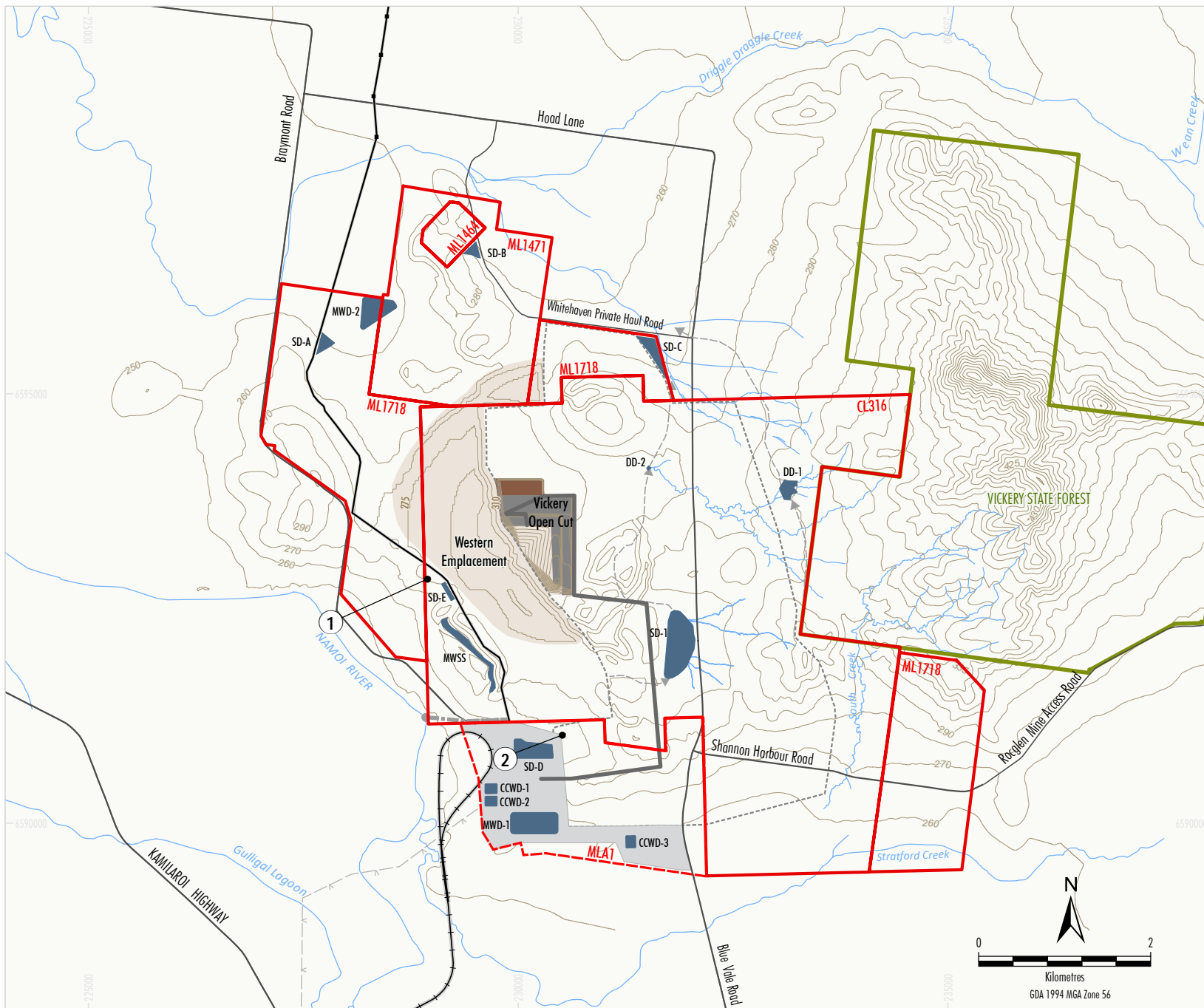
2

**Vickery South Open Cut Extension**

3

**Project Rail Spur**

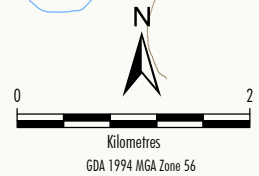




- LEGEND**
- Mining Tenement Boundary (ML & CL)
  - Mining Lease Application (MLA)
  - State Forest
  - Existing 66kV Powerline
  - Indicative Up-catchment Diversion
  - Indicative Namoi River Pump Station and Pipeline
  - Indicative Active Mining
  - Indicative Active Waste Rock Emplacement
  - Indicative Soil Stripped
  - Indicative Infrastructure Area
  - Indicative Extent of Water Storage
  - Indicative Mine Access Road
  - Indicative Main ROM Coal Haul Road
  - Indicative Rail Spur Alignment
  - Indicative Location of Groundwater Bores and Pipeline
  - Indicative Maximum Extent of Open Cut

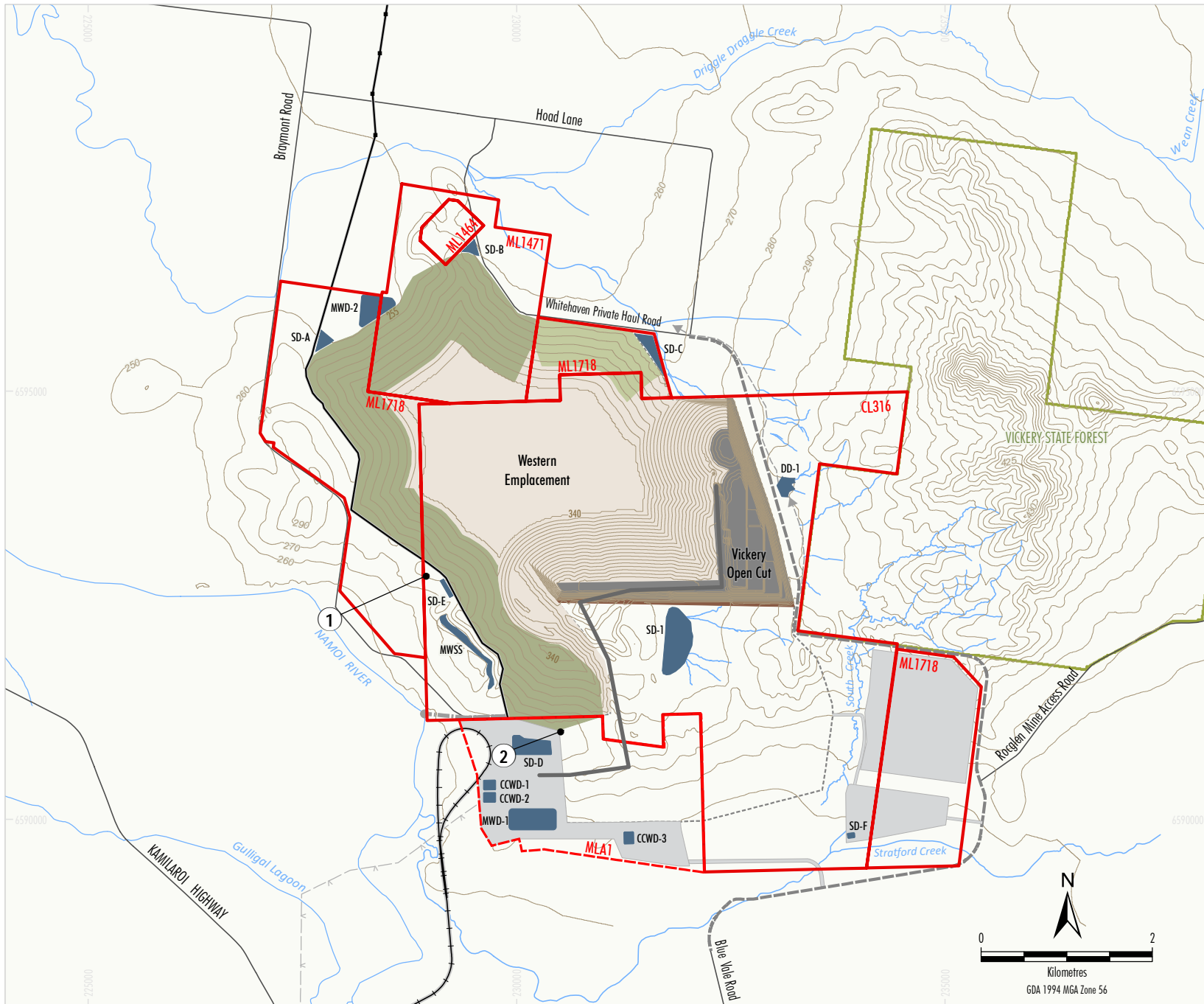
Source: Department of Land and Property Information (2014);  
Department of Industry (2015)

  
**VICKERY EXTENSION PROJECT**  
 Project General Arrangement -  
 Year 3




**Figure 2-4**

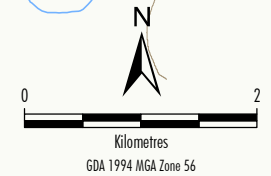




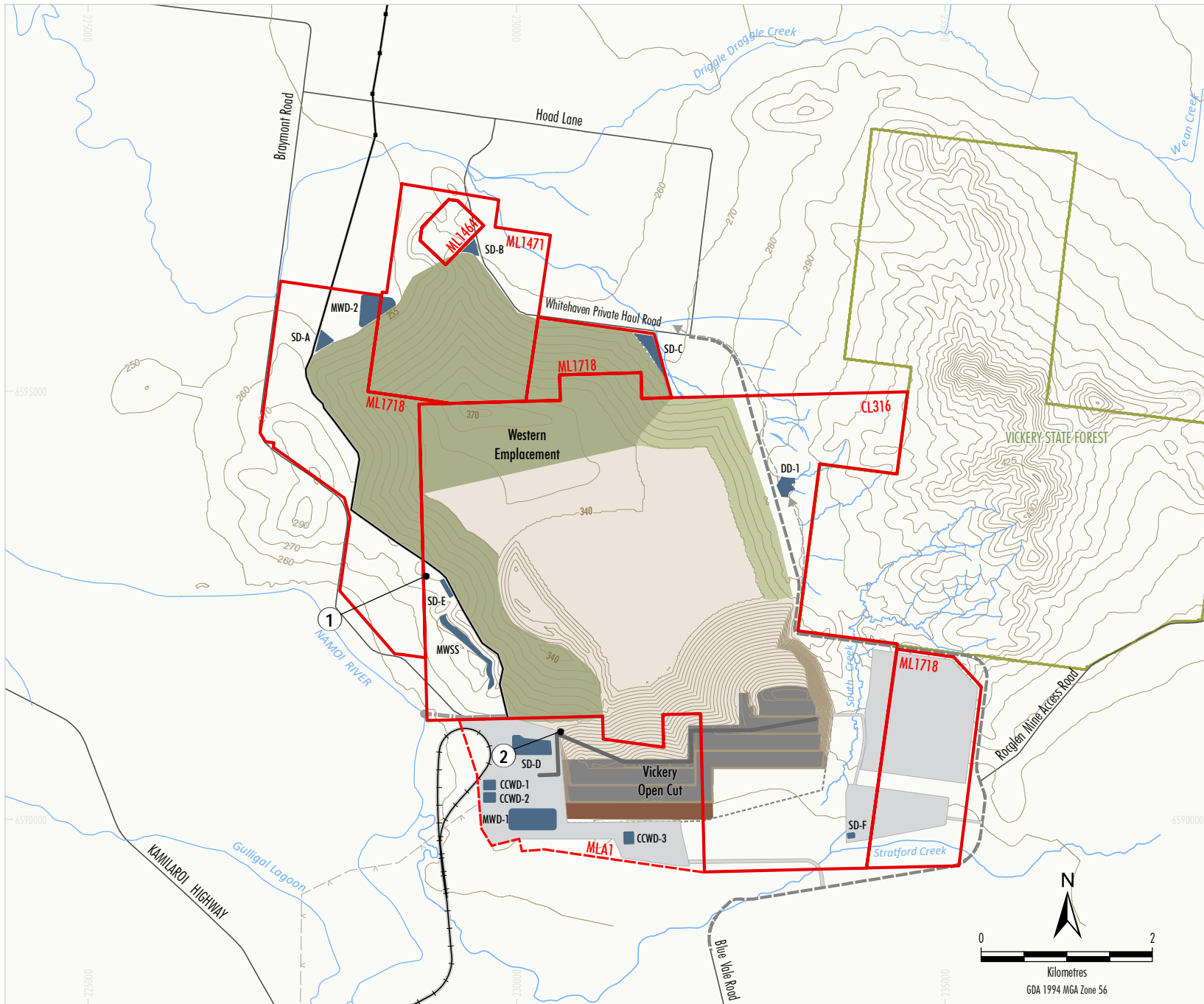
- LEGEND**
- Mining Tenement Boundary (ML & CL)
  - Mining Lease Application (MLA)
  - State Forest
  - Existing 66kV Powerline
  - Indicative Road Realignment
  - Indicative Namoi River Pump Station and Pipeline
  - Indicative Up-catchment Diversion
  - Indicative Active Mining
  - Indicative Active Waste Rock Emplacement
  - Indicative Soil Stripped
  - Indicative Initial Rehabilitation
  - Indicative Established Rehabilitation
  - Indicative Infrastructure Area
  - Indicative Extent of Water Storage
  - Indicative Mine Access Road
  - Indicative Main ROM Coal Haul Road
  - Indicative Rail Spur Alignment
  - Indicative Location of Groundwater Bores and Pipeline
  - Indicative Maximum Extent of Open Cut

Source: Department of Land and Property Information (2014);  
Department of Industry (2015)

  
**VICKERY EXTENSION PROJECT**  
 Project General Arrangement -  
 Year 13




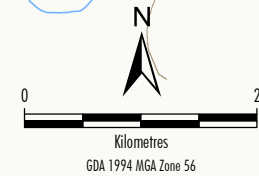
**Figure 2-6**



- LEGEND**
- Mining Tenement Boundary (ML & CL)
  - Mining Lease Application (MLA)
  - State Forest
  - Existing 66kV Powerline
  - Indicative Road Realignment
  - Indicative Namoi River Pump Station and Pipeline
  - Indicative Up-catchment Diversion
  - Indicative Active Mining
  - Indicative Active Waste Rock Emplacement
  - Indicative Soil Stripped
  - Indicative Initial Rehabilitation
  - Indicative Established Rehabilitation
  - Indicative Infrastructure Area
  - Indicative Extent of Water Storage
  - Indicative Mine Access Road
  - Indicative Main ROM Coal Haul Road
  - Indicative Rail Spur Alignment
  - Indicative Location of Groundwater Bores and Pipeline
  - Indicative Maximum Extent of Open Cut

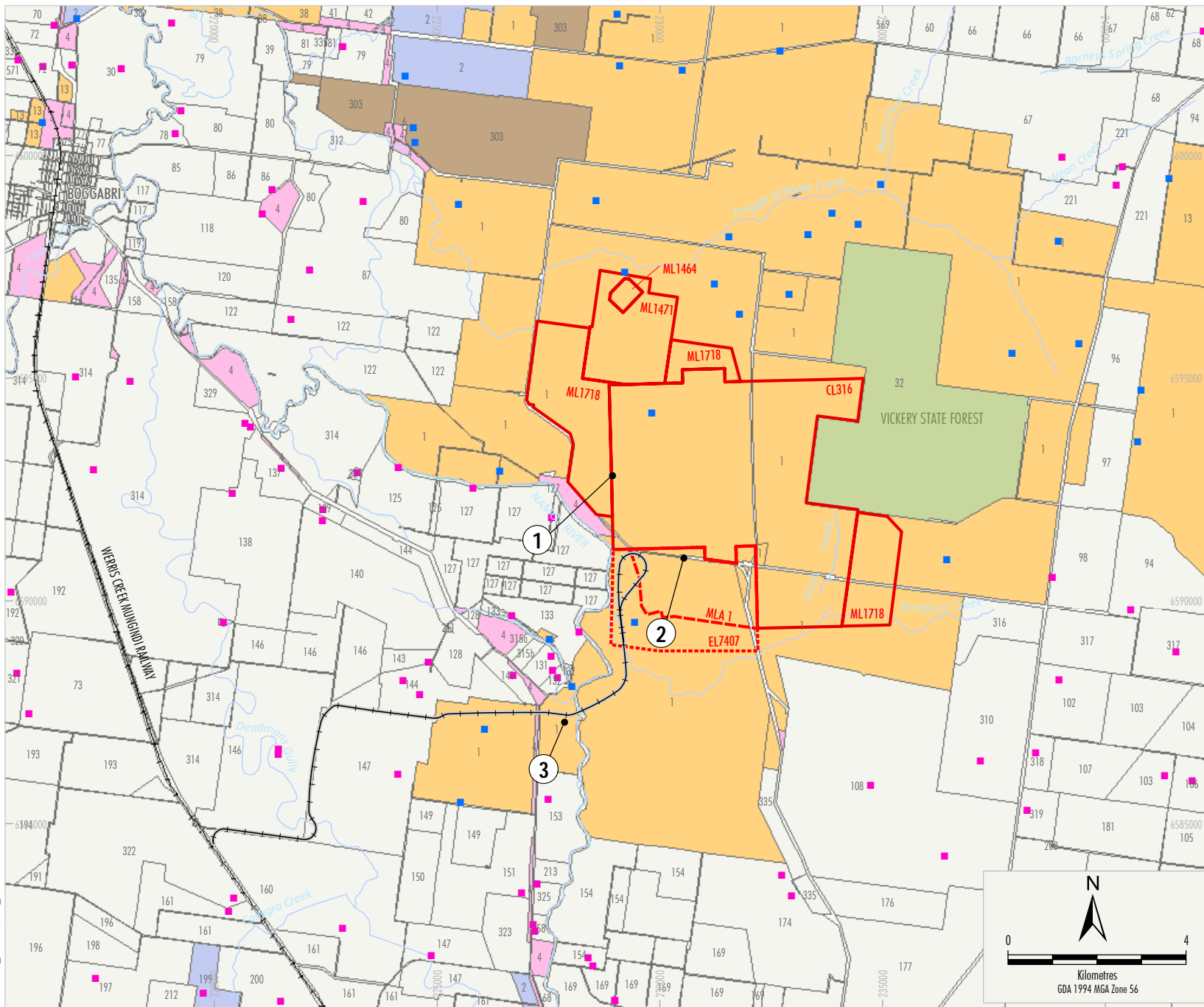
Source: Department of Land and Property Information (2014);  
Department of Industry (2015)

  
**VICKERY EXTENSION PROJECT**  
**Project General Arrangement -**  
**Year 21**



**Figure 2-7**



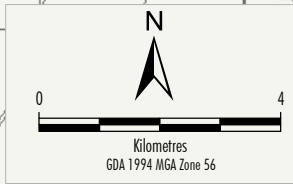


- LEGEND**
- Mining Tenement Boundary (ML and CL)
  - Mining Lease Application (MLA)
  - Exploration Licence Boundary (EL)
  - State Forest
  - Crown Land
  - Whitehaven Owned Land
  - Whitehaven/Idemitsu Boggabri Coal Joint Owned Land
  - Idemitsu Boggabri Coal Owned Land
  - Privately Owned Land and Other Land
  - Railway
  - Mine-owned Dwelling
  - Private Dwelling
  - Indicative Rail Spur Alignment

Source: Department of Land and Property Information - Land Tenure (2016); Department of Industry (2017); Whitehaven Coal (2016)



**VICKERY EXTENSION PROJECT**  
Land Ownership



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**Figure 1-5a**