

APPENDIX 8 – PLANS

Plans

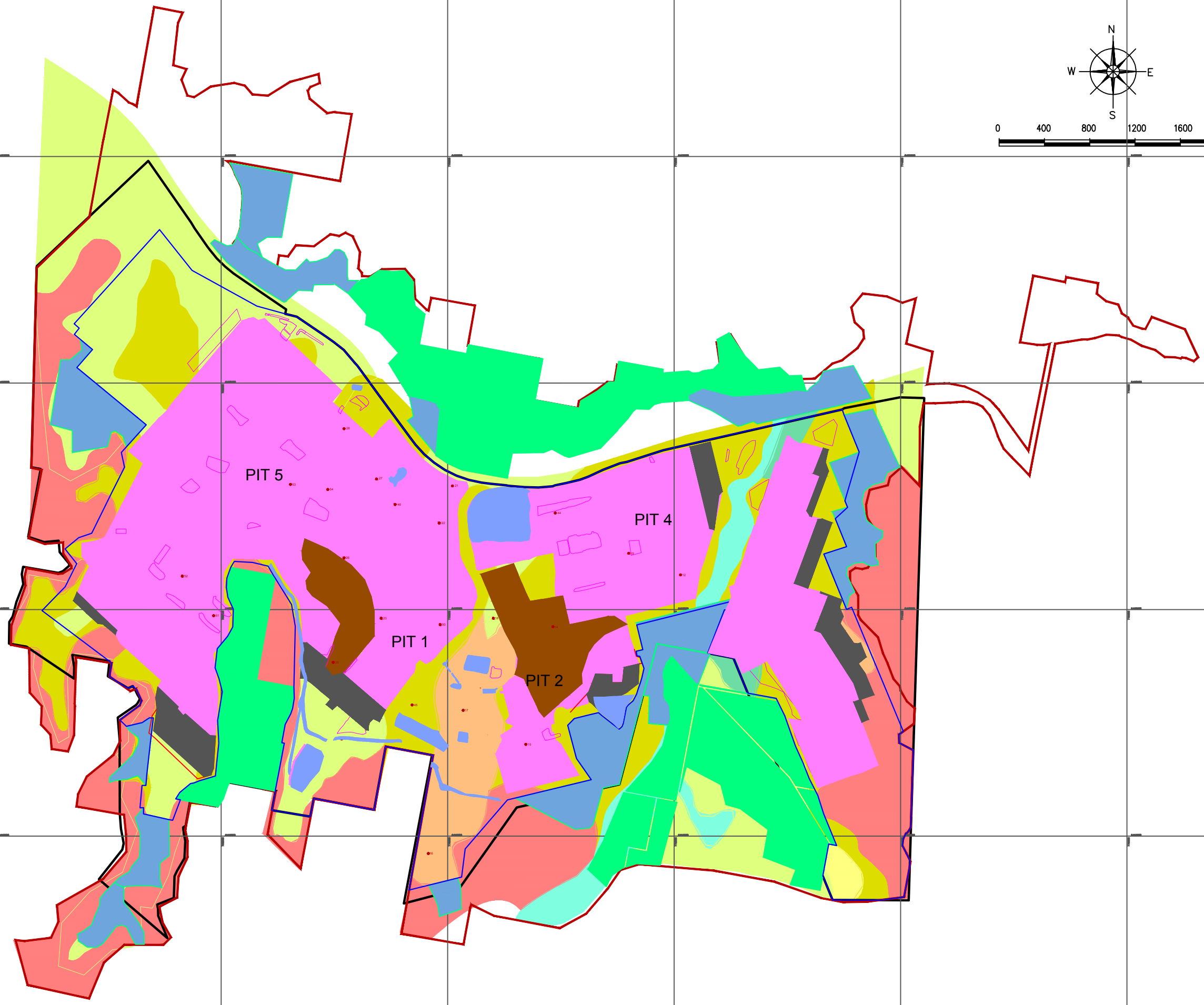
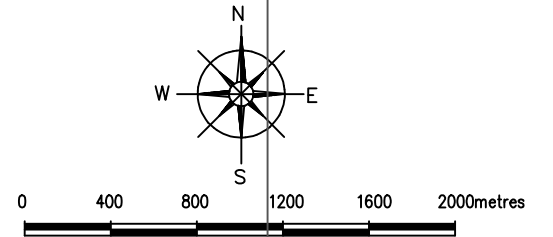
LEGEND:

-Mining Lease Boundary ML1573
-Approved Open Cut Boundary/Extraction Area 2017
-MOP Period Area of Disturbance 2017
-Area Stripped/Mined during 2017 MOP MOD7 period (stripping 0.3m)
-Water Management Structures
-Elevated Waste Rock Emplacement Area
-Infrastructure Area
-Out of Pit Waste Rock Emplacement Areas
-Environmental Conservation (green)/Regeneration Areas (blue)
-Project Approval Boundary
-Site Contours (5m interval - AHD71)

TOPSOIL STRIPPING

-Area Previously Stripped Of Topsoil
-Active Topsoil Stockpiles in 2017
-44 Soil Test Pit Site

SOILS, SITES AND TYPES	DEPTHS
Soil Observation Sites Alluvial	30cm
Yellow Podzolic	20cm
Red Podzolic	15cm
Earthy Sands	30cm
Brown Earths	25cm
Yellow Solodic	0cm
Lithosols	0cm

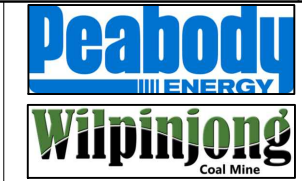


REV	DESCRIPTION	DATE

Notes:

- Co-ordinates System: MGA94 Zone 55.
- Reduced Levels: Australian Height Datum 1971 (AHD71).

<p>I, Peter J Grosvenor, Holder of Mine Managers Certificate of Competency, certify that the information on this plan is a true indication of the proposed development.</p> <p>..... Mine Manager Date</p>	<p>I, Matthew D Brown, Registered Mine Surveyor, certify that to the best of my knowledge and belief this plan conforms to the accuracy & standards required by NSW Trade & Investment - Division of Resources and Energy.</p> <p>..... Registered Mining Surveyor Date</p>
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QUALITY RECORD				SCALE
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WILPINJONG COAL

Plan 3 Land Preparation
 Annual Review 2017 (MOD 7), Wilpinjong Coal Mine

DRAWING NO. WILP-0250A
 REV: 1

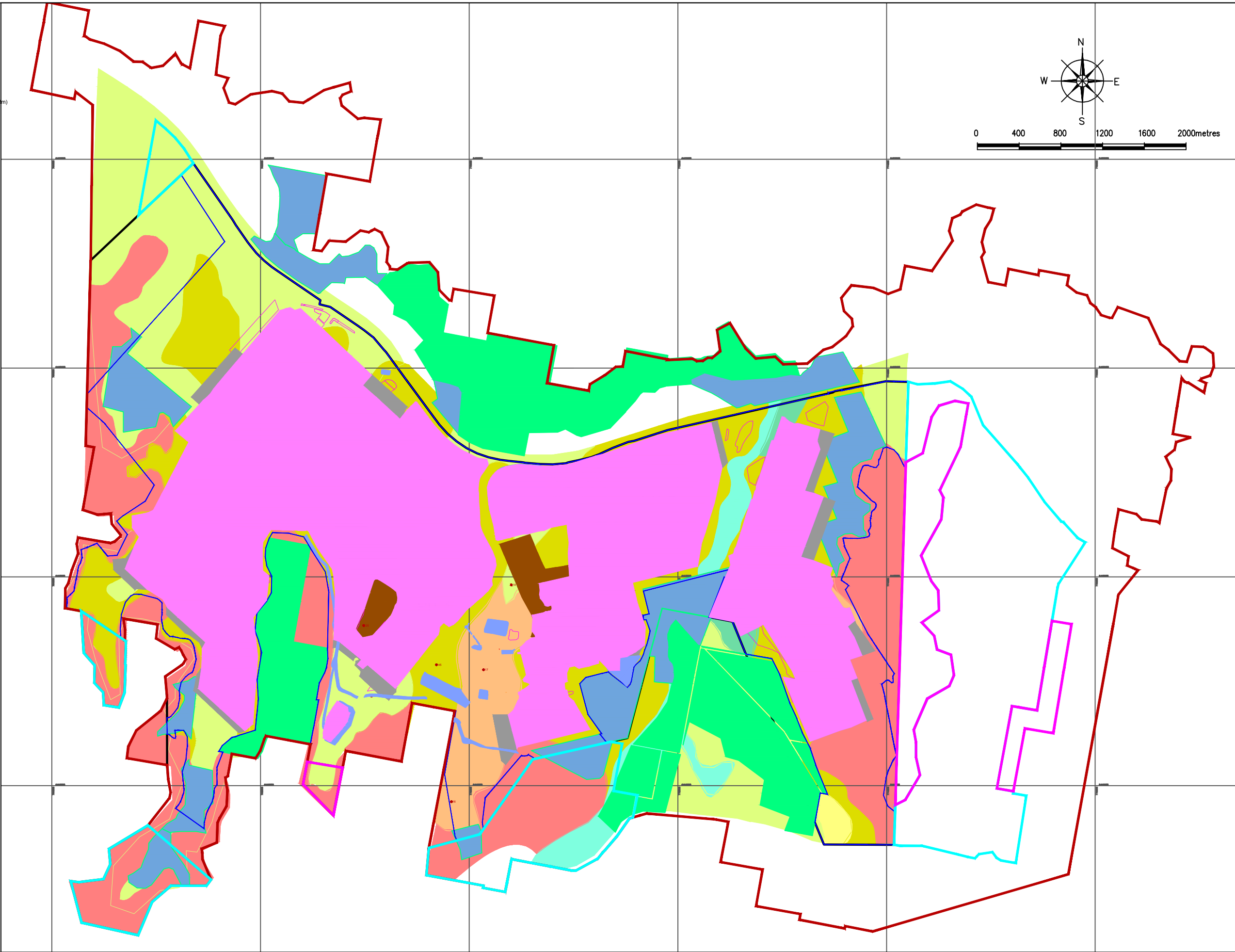
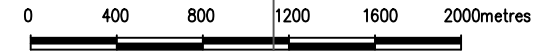
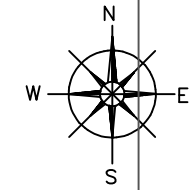
LEGEND:

-Mining Lease Boundary ML1573
-Approved Open Cut Boundary/Extraction Area WEP 2017
-MOP Period Area of Disturbance WEP 2017
-Mining Lease Application (MLA) Area 1 (MLA1)
-Mining Lease Application (MLA) Area 2 (MLA2)
-Area Stripped/Mined during 2017 WEP MOP period (stripping 0.3m)
-Water Management Structures
-Elevated Waste Rock Emplacement Area
-Infrastructure Area
-Out of Pit Waste Rock Emplacement Areas
-Environmental Conservation (green)/Regeneration Areas (blue)
-Project Approval Boundary
-Site Contours (5m interval - AHD71)

TOPSOIL STRIPPING

-Area Previously Stripped Of Topsoil
-Active Topsoil Stockpiles in 2017
-44 Soil Test Pit Site

SOILS, SITES AND TYPES		DEPTHS
[Light Green]	Soil Observation Sites Alluvial	30cm
[Yellow]	Yellow Podzolic	20cm
[Red]	Red Podzolic	15cm
[Orange]	Earthy Sands	30cm
[Brown]	Brown Earths	25cm
[Light Yellow]	Yellow Solodic	0cm
[Pink]	Lithosols	0cm



REV	DESCRIPTION	DATE

Notes:

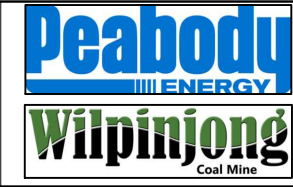
- Co-ordinates System: MGA94 Zone 55.
- Reduced Levels: Australian Height Datum 1971 (AHD71).

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 Registered Mining Surveyor Date



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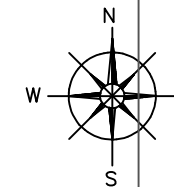
WILPINJONG COAL
Plan 3 Land Preparation Annual Review 2017 (WEP), Wilpinjong Coal Mine
DRAWING NO. WILP-0250B

LEGEND:

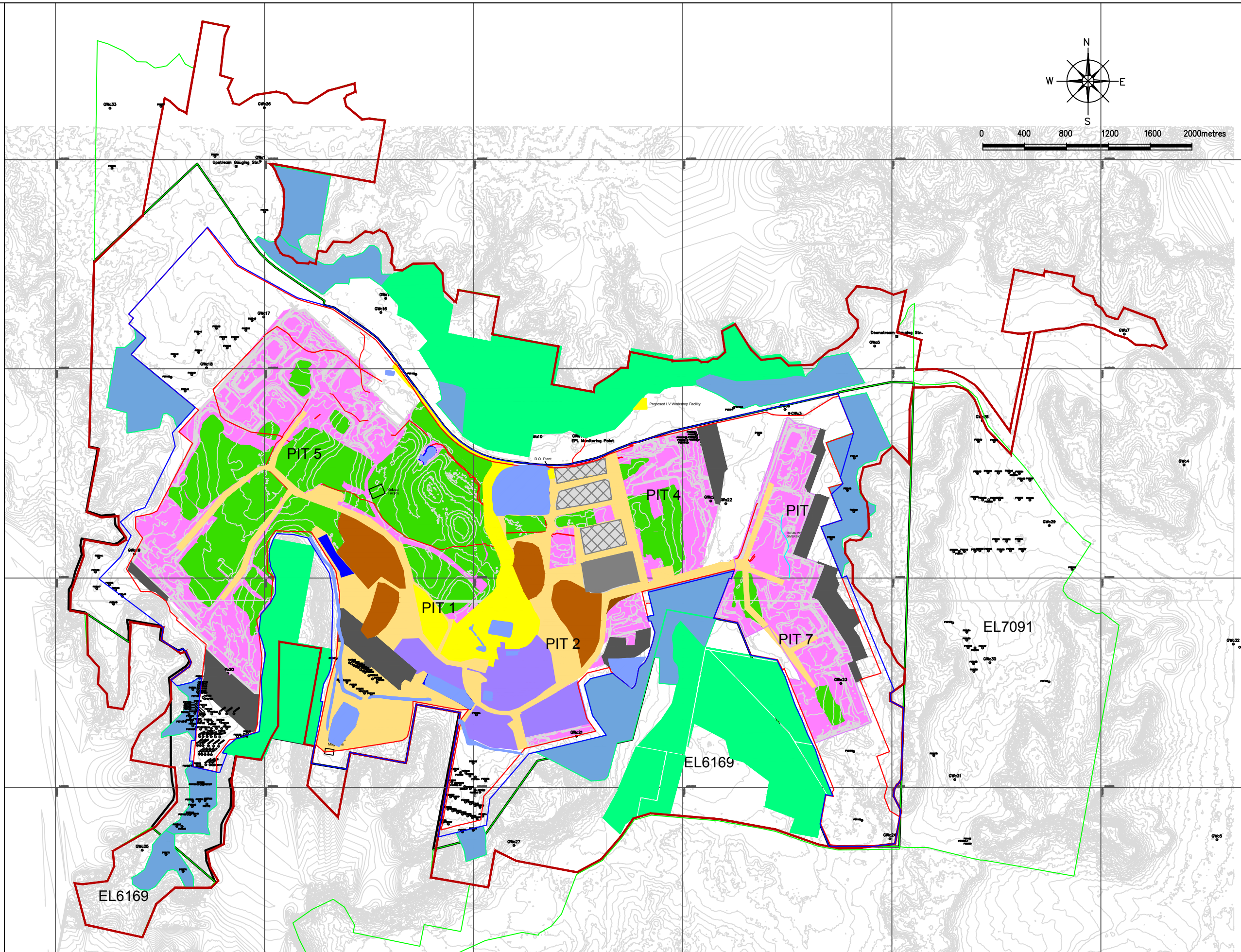
-Mining Lease Boundary ML1573
-MOP Period Area of Disturbance 2017 (MOD7)
-Approved Open Cut Boundary/Extraction Area 2017 (MOD7)
-Exploration Lease Boundaries

At Commencement of MOP

-Water Management Area
 -Constrained Infrastructure Area
 -Mine Infrastructure Areas
 -Pre 2017 Rehabilitation
 -ROM/Product Stockpiles
 -Mine Water Dams
 -Overburden Emplacement Areas
 -Tailings Emplacement Areas
 -Extent of all mining areas
 -Tailings Storage Facility - Decommissioning
- PW1125** Exploration Borehole Drilled in 2017
GWc34 Surface Water Monitoring Point
GWc33 Ground Water Monitoring Point
GWc35 EPL Monitoring Station
-Water Management Infrastructure (piping)
 -Mining/Stripping 2017 (MOD7)
 -Environmental Conservation (green)/Regeneration Areas (blue)
 -Project Approval Boundary
 -Site Contours (5m interval - AHD71)



0 400 800 1200 1600 2000metres



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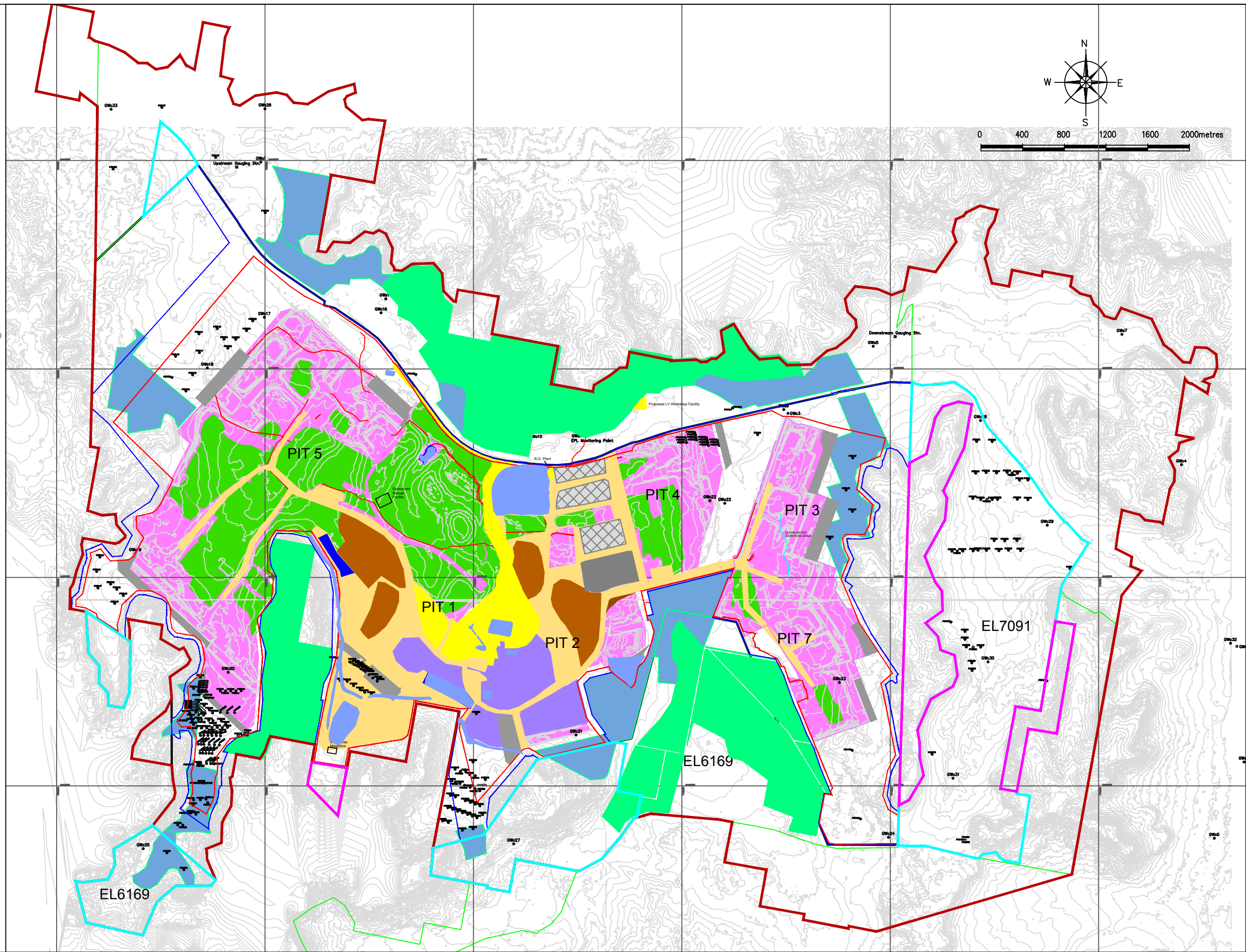
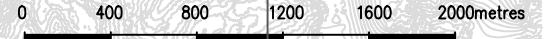
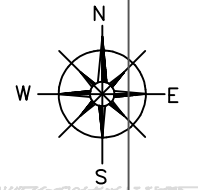


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WILPINJONG COAL	
Plan 4 Proposed Mining Activities Annual Review 2016 (MOD 7), Wilpinjong Coal Mine	
DRAWING NO. WILP-0251A	REV: [] [] [] [] [] [] [] [] [] []

LEGEND:

-Mining Lease Boundary ML1573
 -MOP Period Area of Disturbance 2017 (WEP)
 -Approved Open Cut Boundary/Extraction Area 2017 (WEP)
 -Exploration Lease Boundaries
 -Mining Lease Application (MLA) Area 1 (MLA510)
 -Mining Lease Application (MLA) Area 2 (MLA515)
- At Commencement of MOP**
-Water Management Area
 -Constrained Infrastructure Area
 -Mine Infrastructure Areas
 -Pre 2017 Rehabilitation
 -ROM/Product Stockpiles
 -Mine Water Dams
 -Overburden Emplacement Areas
 -Tailings Emplacement Areas
 -Extent of all mining areas
 -Tailings Storage Facility - Decommissioning
- PW1125**
..... Exploration Borehole Drilled in 2017
- GWc34**
..... Surface Water Monitoring Point
- GWc33**
..... Ground Water Monitoring Point
- GWc35**
..... EPL Monitoring Station
- Water Management Infrastructure (piping)
 - Mining/Stripping 2017 (WEP)
 - Environmental Conservation (green)/Regeneration Areas (blue)
 - Project Approval Boundary 2017 (WEP)
 - Site Contours (5m interval - AHD71)



REV	DESCRIPTION	DATE

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Mine Manager

Date

Registered Mining Surveyor

Date



QUALITY RECORD				SCALE
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CHKG CHECKED	MBB	MBB	03-2017	

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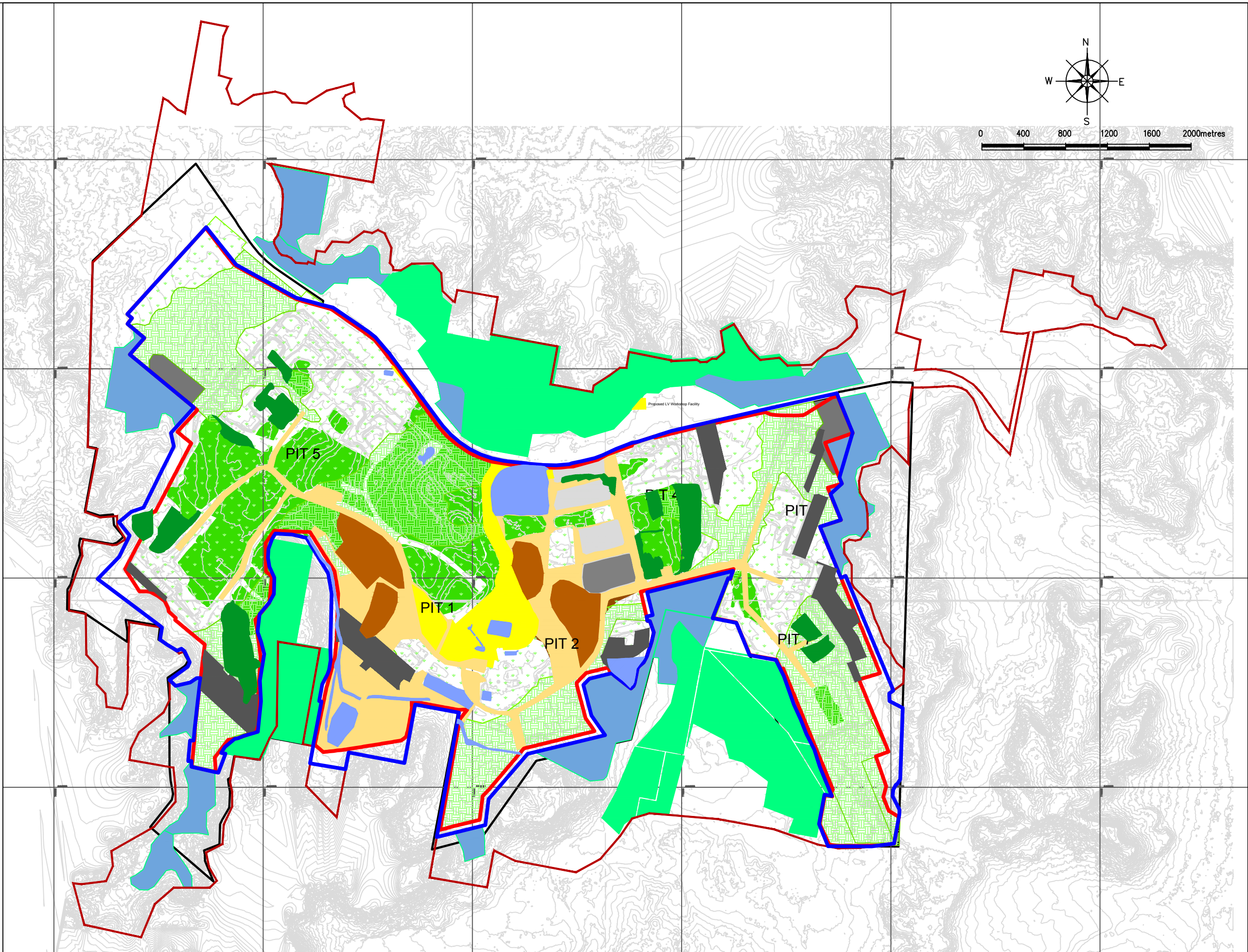
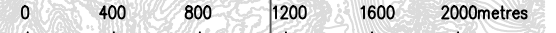
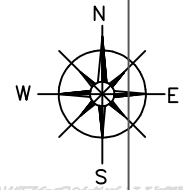
WILPINJONG COAL

Plan 4 Proposed Mining Activities
 Annual Review 2017 (WEP), Wilpinjong Coal Mine

DRAWING NO:
WILP-0251B

LEGEND:

-Mining Lease Boundary ML1573
 -MOP Period Area of Disturbance 2017 (MOD7)
 -Open Cut Boundary/Extraction Area 2017 (MOD7)
 -Project Approval Boundary (MOD7)
 -Site Contours (5m interval - AHD71)
- MINING PHASES**
-Actual Mining Area 2017
 -Tailings Storage Facility - Active
 -Water Management Area
 -Infrastructure Area
 -Mine Infrastructure Areas
 -Waste Rock Emplacement Areas
- REHABILITATION PHASES**
-Pre 2017 Rehabilitation
 -2017 Rehabilitation
 -Tailings Storage Facility - Decommissioning
- SECONDARY DOMAINS**
- A - Rehabilitation Area - Woodland Areas
 - B - Rehabilitation Area - Mixed Woodland and Pasture Area
 - C - Final Void
 - D - Cumbo Creek Realignment
 - E - Environmental Conservation (green)/Regeneration Areas (blue)



REV	DESCRIPTION	DATE

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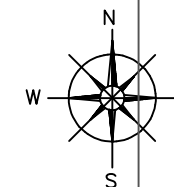


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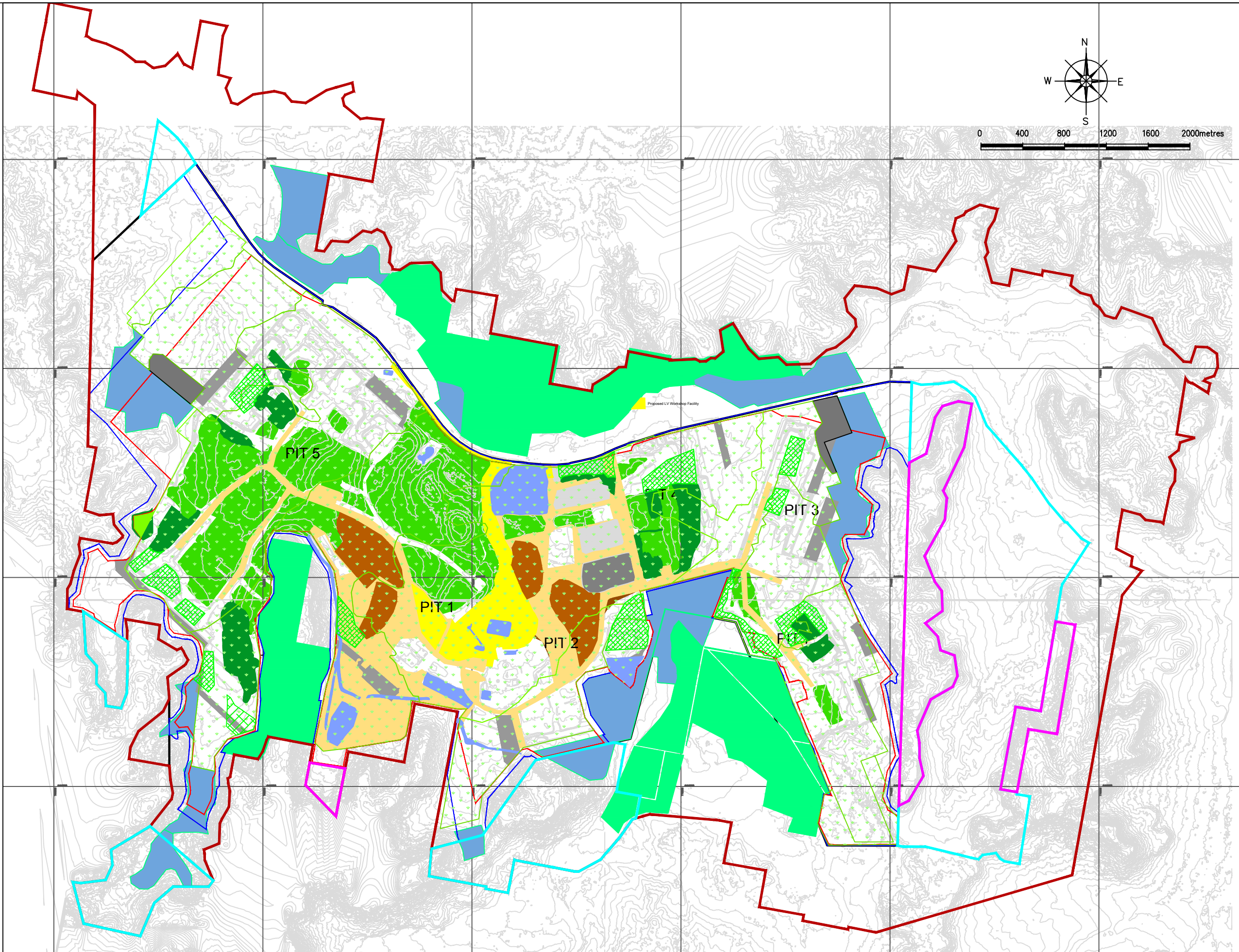
WILPINJONG COAL
2017 Actual Rehabilitation Annual Review 2017, Wilpinjong Coal Mine
DRAWING NO. WILP-0252A

LEGEND:

-Mining Lease Boundary ML1573
 -MOP Period Area of Disturbance 2017 (MOD7)
 -Open Cut Boundary/Extraction Area 2017 (MOD7)
 -Project Approval Boundary (MOD7)
 -Mining Lease Application (MLA) Area 1 (MLA510)
 -Mining Lease Application (MLA) Area 2 (MLA515)
 -350 Site Contours (5m interval - AHD71)
- ### MINING PHASES
-Mining Area during 2017 WEP
 -Tailings Storage Facility - Active
 -Water Management Area
 -Elevated Waste Rock Emplacement Area
 -Infrastructure Area
 -Mine Infrastructure Areas
 -Waste Rock Emplacement Areas
- ### REHABILITATION PHASES
-Pre 2017 Rehabilitation
 -2017 Rehabilitation
 -Proposed 2018 Rehabilitation
 -Tailings Storage Facility - Decommissioning
- ### SECONDARY DOMAINS
- A - Rehabilitation Area - Woodland Areas
 - B - Final Void
 - C - Cumbo Creek Realignment
 - D - Environmental Conservation (green)/Regeneration Areas (blue)



0 400 800 1200 1600 2000metres



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QUALITY RECORD				SCALE
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5_Mar2018_WEP.dwg				

WILPINJONG COAL
2017 Actual Rehabilitation Annual Review 2017, Wilpinjong Coal Mine
DRAWING NO. WILP-0252B

REV: 1