ML 1722
ML 1443
ML 1543
LONGWALL 23
LONGWALL 24
LONGWALL 24A
LONGWALL 25
LONGWALL 26
LONGWALL 27
LONGWALL 28
LONGWALL 29
LONGWALL 30
LONGWALL 31
LONGWALL 32
TL 24
Mandalong South Surface Site
ML 1722 Surface Lease

LEGEND:

- Project Disturbance Area
- Existing workings
- Proposed workings
- Mining Lease boundary (ML/MLA)
- Watercourse
- Existing contour (10m)
- Power Lines
- Power Pole
- High Tension Power Lines
- High Tension Tower
- Telecommunication Cable

Primary Domains

- Domain 8 - Underground Mining Area

Secondary Domains

- Domain E - Rehabilitation Area Woodland (Existing)
- Domain F - Rehabilitation Area Forest (Existing)
- Domain G - Rehabilitation Area Rural Land (Existing)

0.0 200 400 M

Certification

I, Clint Allen, being a Registered Mining Surveyor pursuant to the Surveying and Spatial Information Act 2002, certify the accuracy of this plan at the time of dating.

This certification of accuracy is only for workings mined or proposed to be mined and drawn during the period of appointment as Mine Surveyor at Mandalong Mine.

New South Wales (BOSSI) Certificate of Registration No. 153

..... Date .....

I, John Turner, being a Mine Manager (Manager of Mining Engineering), pursuant to the Coal Mine Health & Safety Act 2002, certify the accuracy of this plan at the time of dating.

This certification of accuracy is only for workings mined or proposed to be mined and drawn during the period of appointment as Mine Manager at Mandalong Mine.

NSW Mine Managers Certificate of Competency No. 2634

..... Date .....

Date:	24/5/16
Drawn:	LJF
Scale:	1:7500
Coordinate System:	GDA 94 Zone 56
Sheet Size:	A3
File Name:	Plan 2-1_630.11515_V4
Revision:	01
Prepared by:	SLR Consulting

Centennial Coal
Mandalong

MINING OPERATIONS PLAN

Mine Domains at Commencement of MOP

PLAN 2-1

CCL 762

Stockton

ML 1443

Mandalong Mine
Access Site

TL 24

TL 24

Creek

CCL 762

ML 1443

LEGEND:

- Project Disturbance Area
- Existing workings
- Mining Lease boundary (ML/MLA)
- Watercourse
- Existing contour (10m)
- Power Lines
- Power Pole
- High Tension Power Lines
- High Tension Tower
- Telecommunication Cable

Primary Domains

- Domain 1 - Infrastructure
- Domain 3 - Water Management Area
- Domain 8 - Underground Mining Area
- Domain 9 - Conservation and Biodiversity Offset Area

Secondary Domains

- Domain A - Retained Infrastructure
- Domain G - Rehabilitation Area Rural Land (Existing)
- Domain J - Conservation and Biodiversity Offset

N

0.0 200 400 M

Certification

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..... Date .....

Date:	24/5/16
Drawn:	LJF
Scale:	1:7500
Coordinate System:	GDA 94 Zone 56
Sheet Size:	A3
File Name:	Plan 2-2_630.11515_V4
Revision:	01
Prepared by:	SLR Consulting

Centennial Coal
Mandalong

MINING OPERATIONS PLAN

Mine Domains at Commencement of MOP

PLAN 2-2

Delta Entry Site

LEGEND:

- Project Approval boundary
- Project Disturbance Area
- Existing workings
- Mining Lease boundary (ML/MLA)
- Watercourse
- Railway
- Existing contour (10m)

Primary Domains

- Domain 1 - Infrastructure

Secondary Domains

- Domain E - Rehabilitation Area Woodland (Existing)

0.0 200 400 M

Certification

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NSW Mine Managers Certificate of Competency No. 2634

..... Date .....

Date:	24/5/16
Drawn:	LJF
Scale:	1:7500
Coordinate System:	GDA 94 Zone 56
Sheet Size:	A3
File Name:	Plan 2-3_630.11515_V4
Revision:	01
Prepared by:	SLR Consulting

Centennial Coal
Mandalong

MINING OPERATIONS PLAN

Mine Domains at Commencement of MOP

PLAN 2-3

Cooranbong Entry Site

LEGEND:

- Project Approval boundary
- Project Disturbance Area
- Mining Lease boundary (ML/MLA)
- Watercourse
- Railway
- Existing contour (10m)
- Power Lines
- Power Pole
- High Tension Power Lines
- High Tension Tower

Primary Domains

- Domain 1 - Infrastructure
- Domain 3 - Water Management Area
- Domain 5 - Stockpiled Material

Secondary Domains

- Domain A - Retained Infrastructure
- Domain B - Water Management Areas
- Domain E - Rehabilitation Area Woodland (Existing)

0.0 200 400 M

Certification

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..... Date .....

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NSW Mine Managers Certificate of Competency No. 2634

..... Date .....

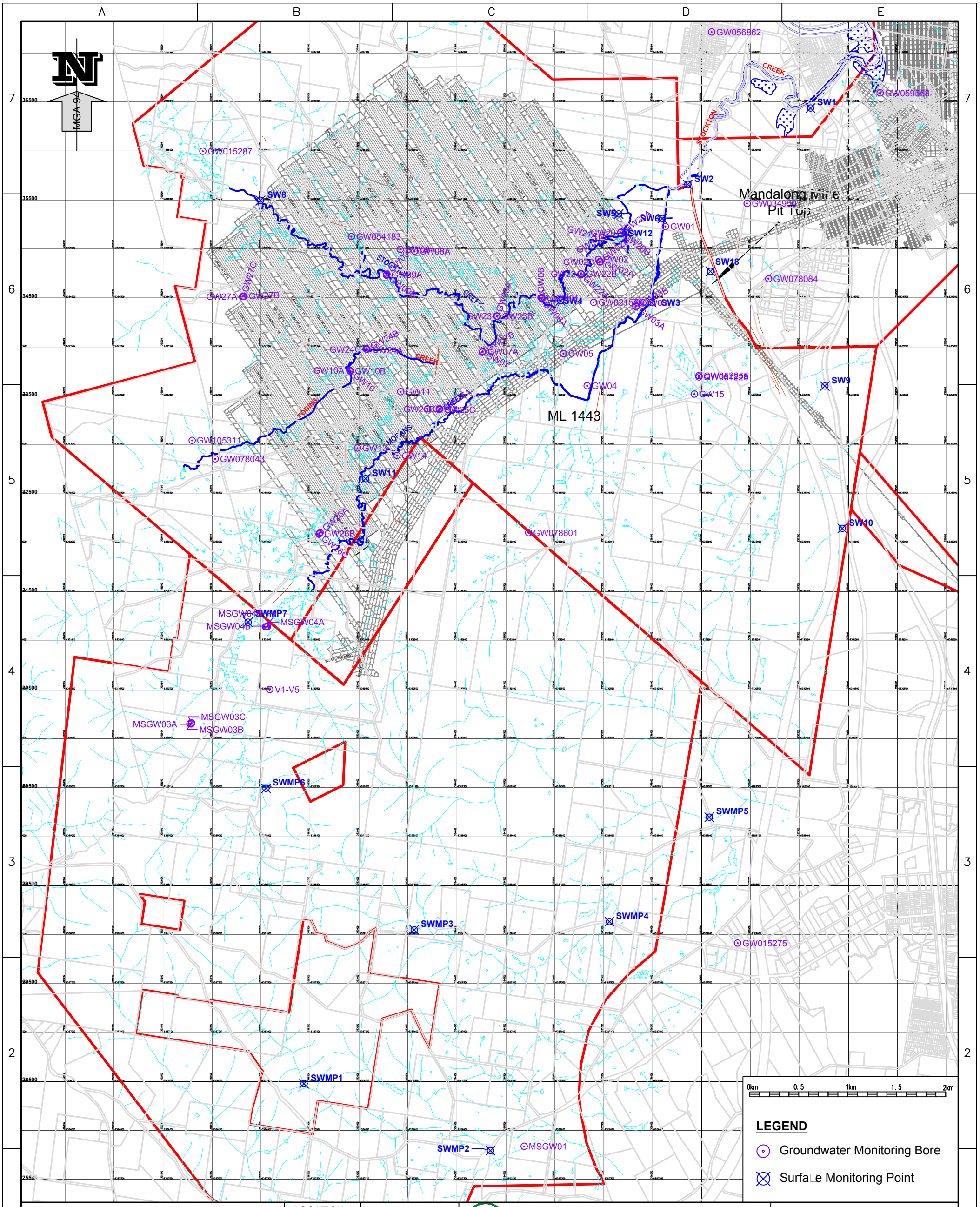
Date:	24/5/16
Drawn:	LJF
Scale:	1:7500
Coordinate System:	GDA 94 Zone 56
Sheet Size:	A3
File Name:	Plan 2-4_630.11515_V4
Revision:	01
Prepared by:	SLR Consulting

Centennial Coal
Mandalong

MINING OPERATIONS PLAN

Mine Domains at Commencement of MOP

PLAN 2-4



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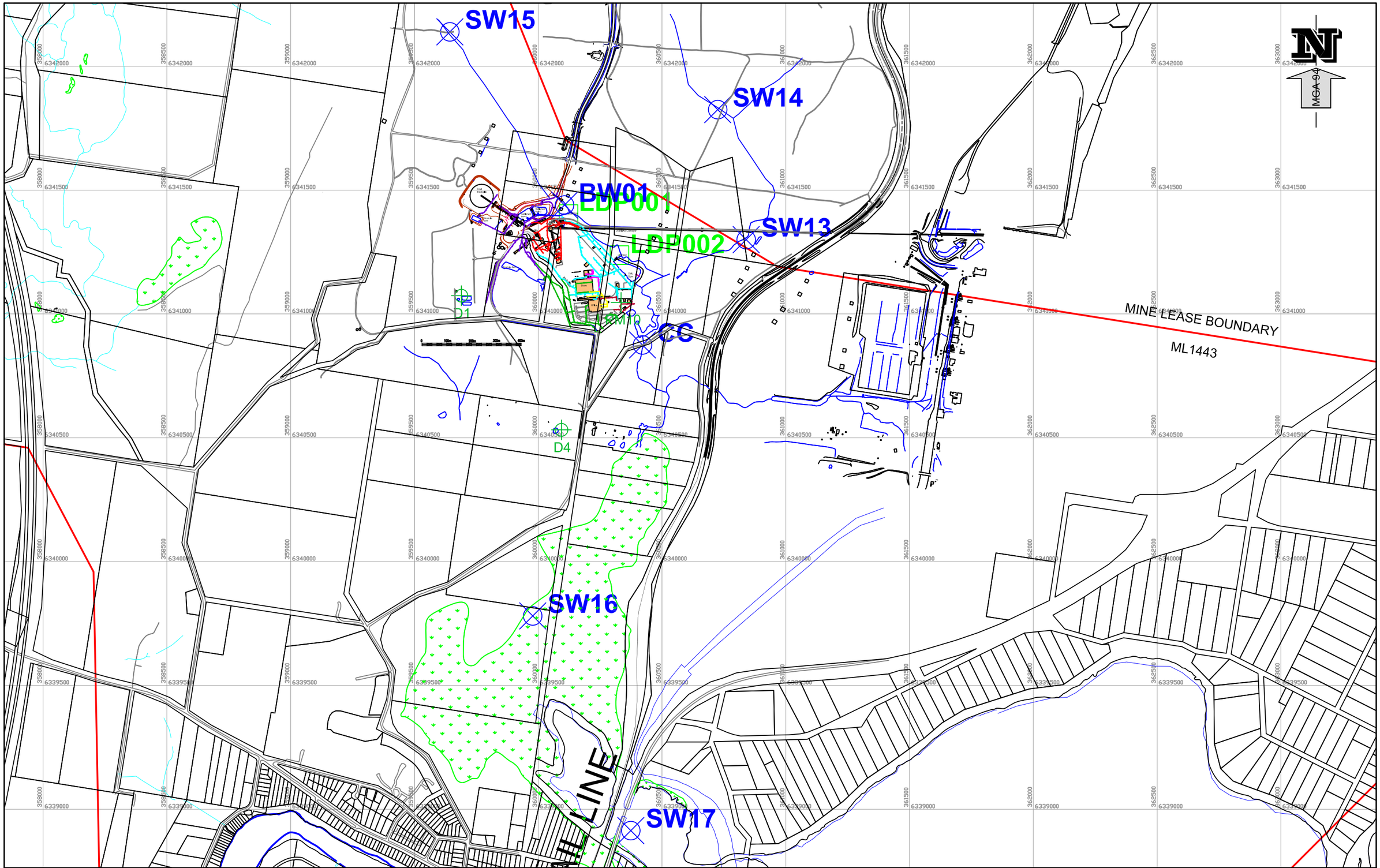
LOCATION	MANDALONG
SEAM	WEST WALLARAH
DRAWN	T.S.G. 14/03/17
CHECKED	J.D. 14/03/17
APPROVED	
SCALE :	Refer to Scale Bar

Centennial Coal
Mandalong

Location of Ground Water and Surface Monitoring Points - Mandalong Mine

CONTRACT	
PLOTFILE	
A3	MG10502
DRAWING REVISION	



LEGEND

- Dust Monitoring Point
- Surface Water Monitoring Point
- Licenced Discharge Point

LOCATION	MANDALONG
SEAM	WEST WALLARAH
DRAWN	JS 13/03/12
CHECKED	
APPROVED	

SCALE 1: 15000

Centennial Coal
Mandalong

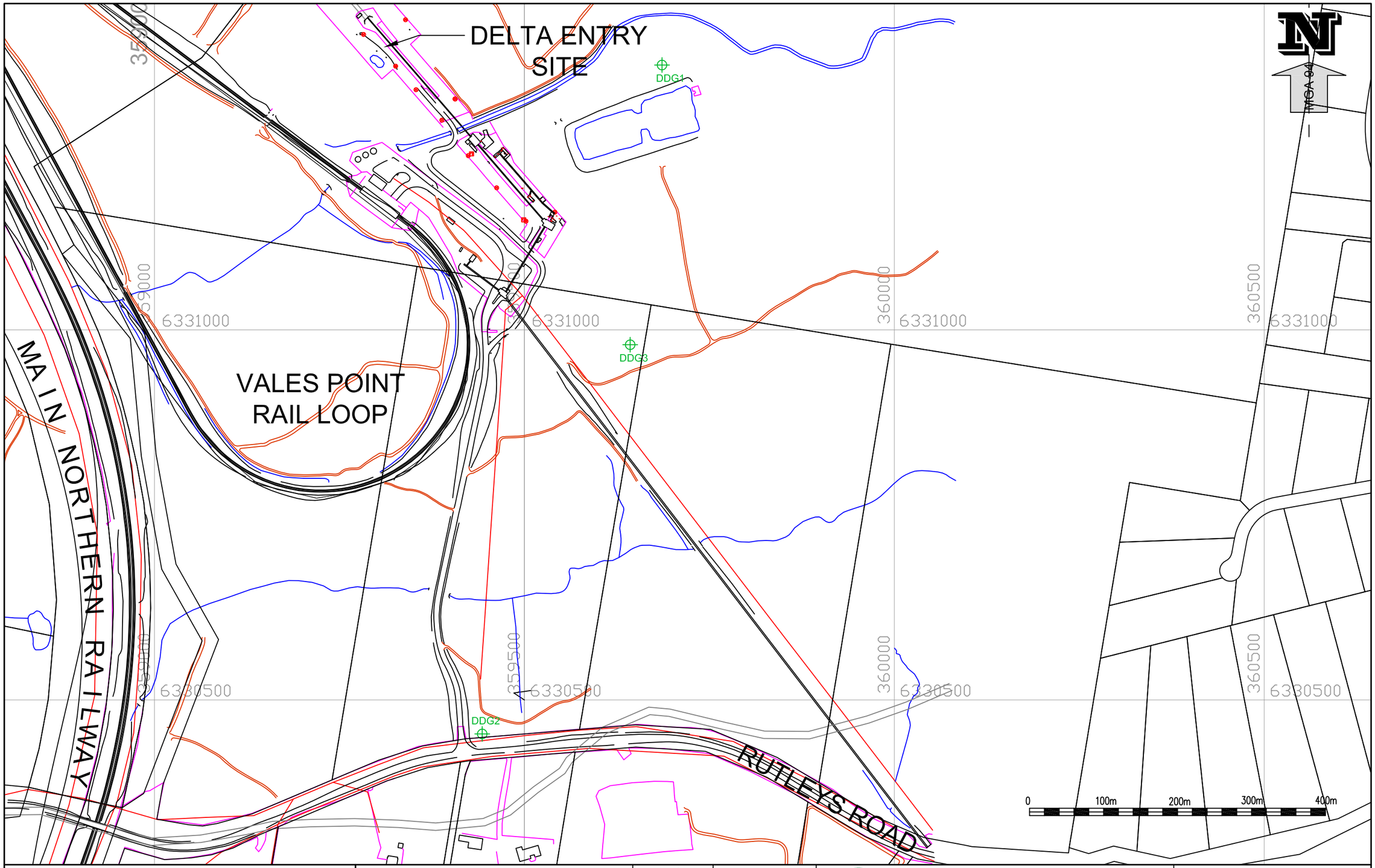
Cooranbong Services Site -
Location of Environmental Monitoring Points

CONTRACT

PLOTFILE: MG10722e_rev6.pdf

A3 **MG10722e**

DRAWING REV. 7 - 20.01.2016



LEGEND

Dust Monitoring Point

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LOCATION	MANDALONG
SEAM	WEST WALLARAH
DRAWN	PJS 08/10/07
CHECKED	
APPROVED	
SCALE	1: 5000

Centennial Coal
Mandalong

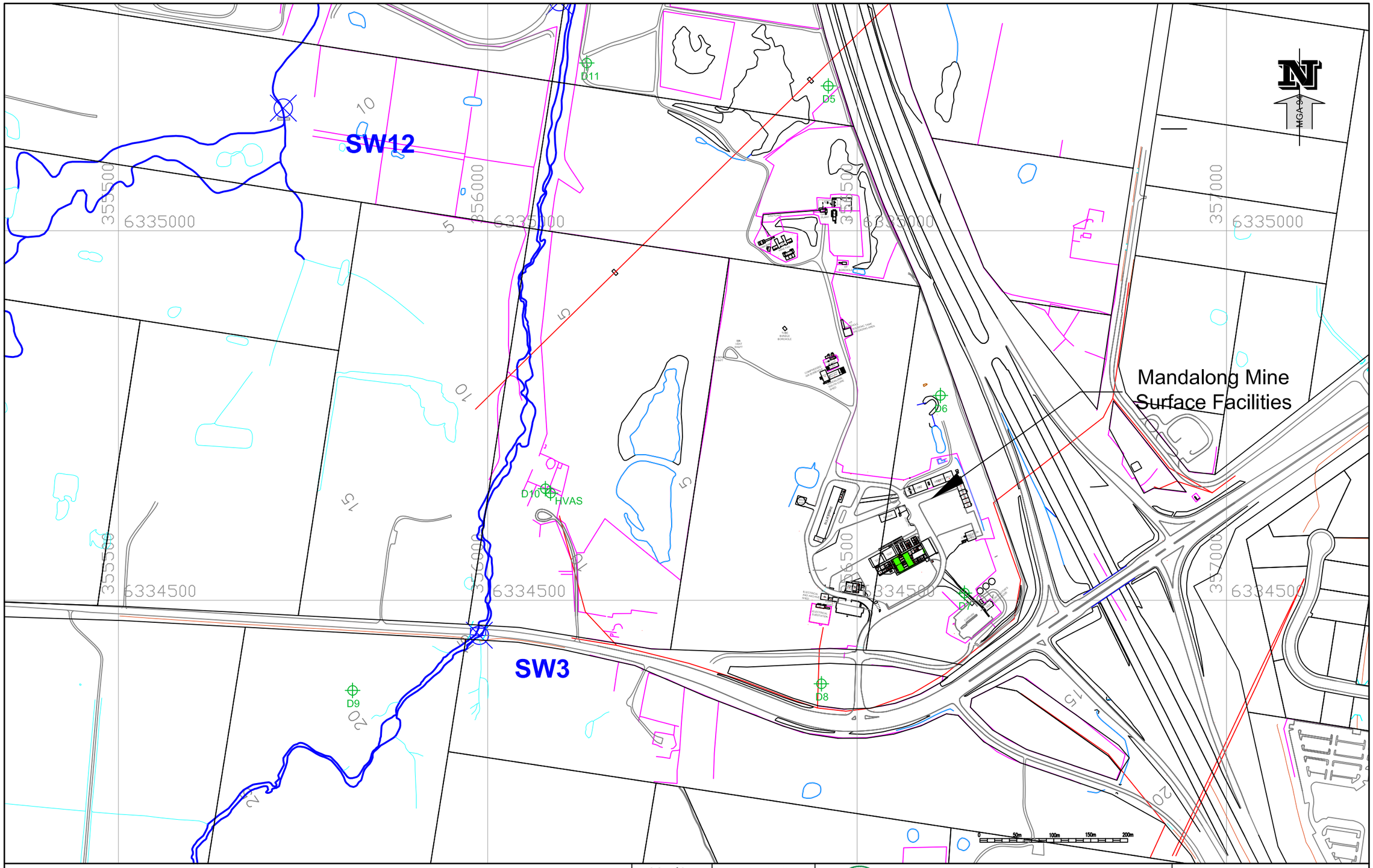
Delta Entry Site -
Location of Environmental Monitoring Points

CONTRACT

PLOTFILE: MG10722c_rev7.pdf

A3 **MG10722c**

DRAWING REV. 8 - 20.01.2016



LEGEND

- Dust Monitoring Point
- Surface Water Monitoring Point

LOCATION	MANDALONG
SEAM	WEST WALLARAH
DRAWN	PJS 08/10/07
CHECKED	
APPROVED	
SCALE	1: 5000

Centennial Coal
Mandalong

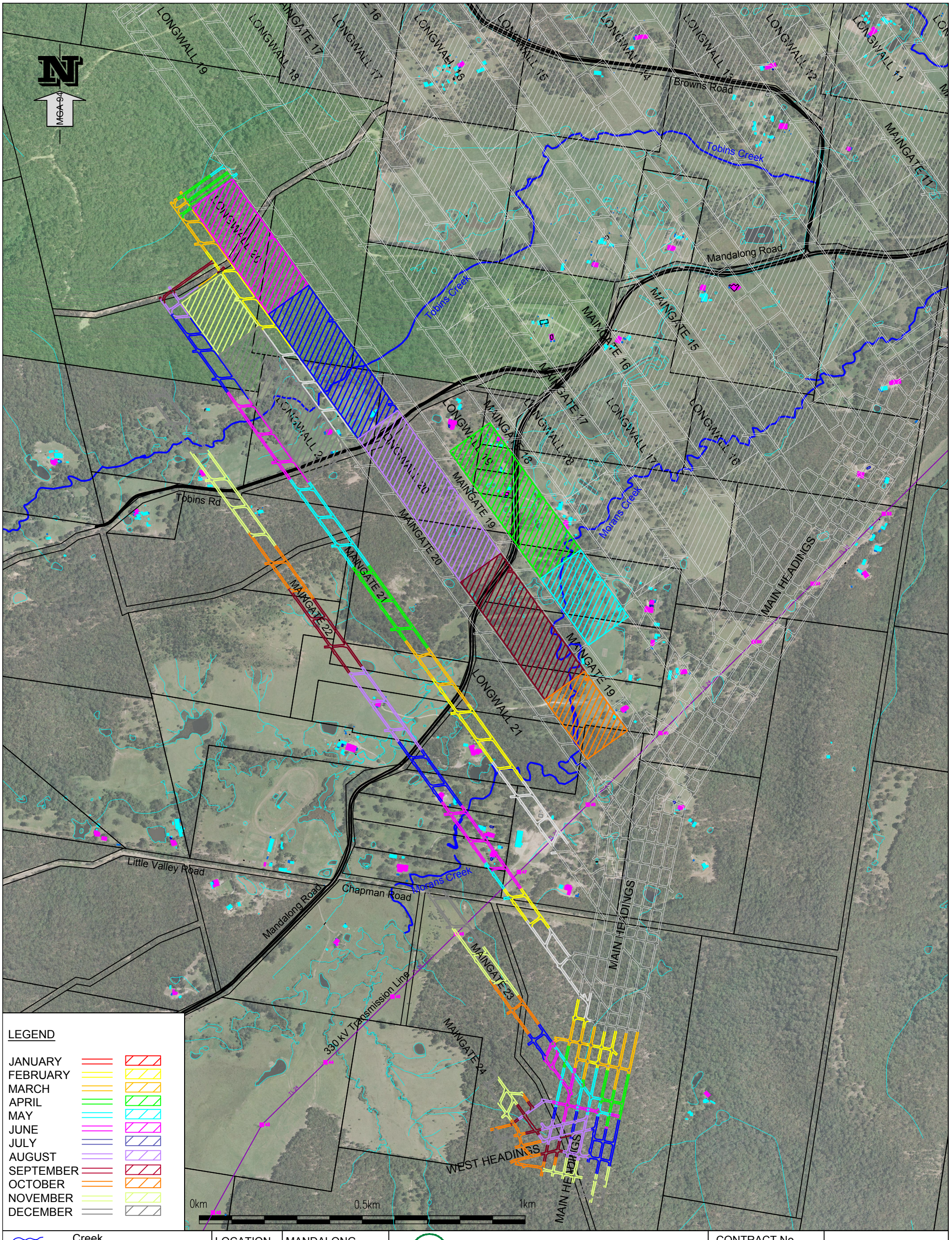
Mandalong Mine -
Location of Environmental Monitoring Points

CONTRACT

PLOTFILE: MG10722d_rev10.pdf

A3 **MG10722d**

DRAWING REV. 11 - 20.01.2016



LEGEND

- JANUARY
- FEBRUARY
- MARCH
- APRIL
- MAY
- JUNE
- JULY
- AUGUST
- SEPTEMBER
- OCTOBER
- NOVEMBER
- DECEMBER

- Creek
- Drainage Line
- Sealed Road
- 330kV Transmission Line
- Dwelling
- Building
- Olney State Forest

LOCATION	MANDALONG
SEAM	WEST WALLARAH
DRAWN	DH 23.01.2008
CHECKED	
APPROVED	
SCALE	1:10000

Centennial Coal
Mandalong

MONTHLY PRODUCTION 2016

CONTRACT No.	
PLOTFILE No.	MG10815_rev11.pdf
A3	MG 10815
DRAWING REVISION	11 - 16.02.2017