

**ENDORSEMENT:**  
 The following information has been provided by others and is indicative only. The Registered Mine Surveyor does not certify the accuracy of this information:

- Land Ownership Boundaries
- Cadastral Boundaries
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- Vegetation Communities
- Contours
- Overburden Thickness
- Built Features
- Natural Features
- Infrastructure
- Geological Sections
- Abandoned Workings

- LEGEND:**
- Clause 33 - Secondary Extraction Area
  - Existing Areas of Extraction
  - Clause 88 Approval (LW413-LW417) / Clause 33 Approval (LW418- LW422)
  - Mining Lease Boundary
  - Potential Subsidence Affected Area (AOD 26.5°)
  - 600m Extended Study Area

**NOTES:**

- Proposed workings are in the Lithgow Seam. Development - 3.4m basal section Longwall - Typically 2.7m to 3.2m
- Pillar dimensions may be modified to suit geological/safety conditions where appropriate.

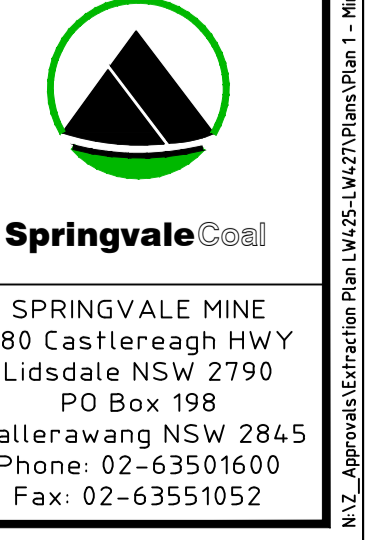
**CERTIFICATION**

**MINE MANAGER**  
 I, Brian Nicholls, testify to the acceptance of information shown on plan.  
 Brian Nicholls Date

**MINE SURVEYOR**  
 I, SARAH KIMM, registered mining surveyor (under the Surveying and Spatial Information Act 2002), certify that to the best of my knowledge and belief this plan conforms to the accuracy standards required by the DRE in the Notifying the regulator of a high risk guidelines.  
 Sarah Kimm Date

DRAWN: Sarah Kimm DATE: 24-04-2018  
 PLAN No: SVY05017 COMPUTER PATH: N:\Z\_Plans  
 INFORMATION SUPPLIED BY: N/A  
 SCALE: SCALE 1:4000  
 AOV Sheet 1 of 1

**SPRINGVALE MINE**  
 Extraction Plan LW424 to LW427  
 by Longwall Mining  
 April 2018  
**PLAN 1 - MINE WORKINGS LAYOUT**



**VOID DIMENSIONS**

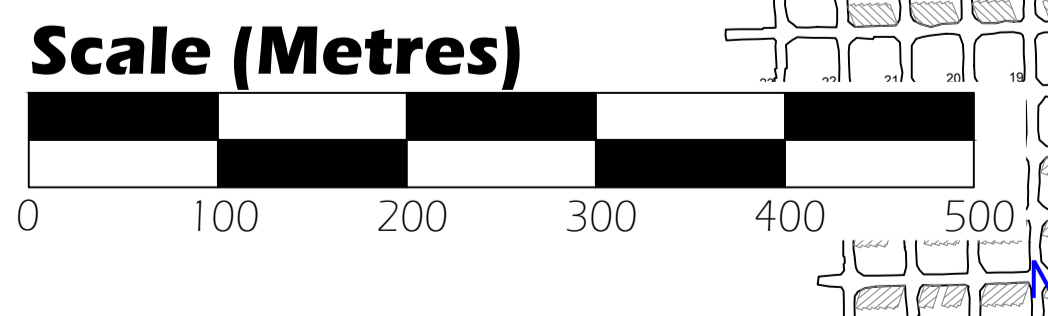
LONGWALL No.425  
 2336.7m x 250.3m

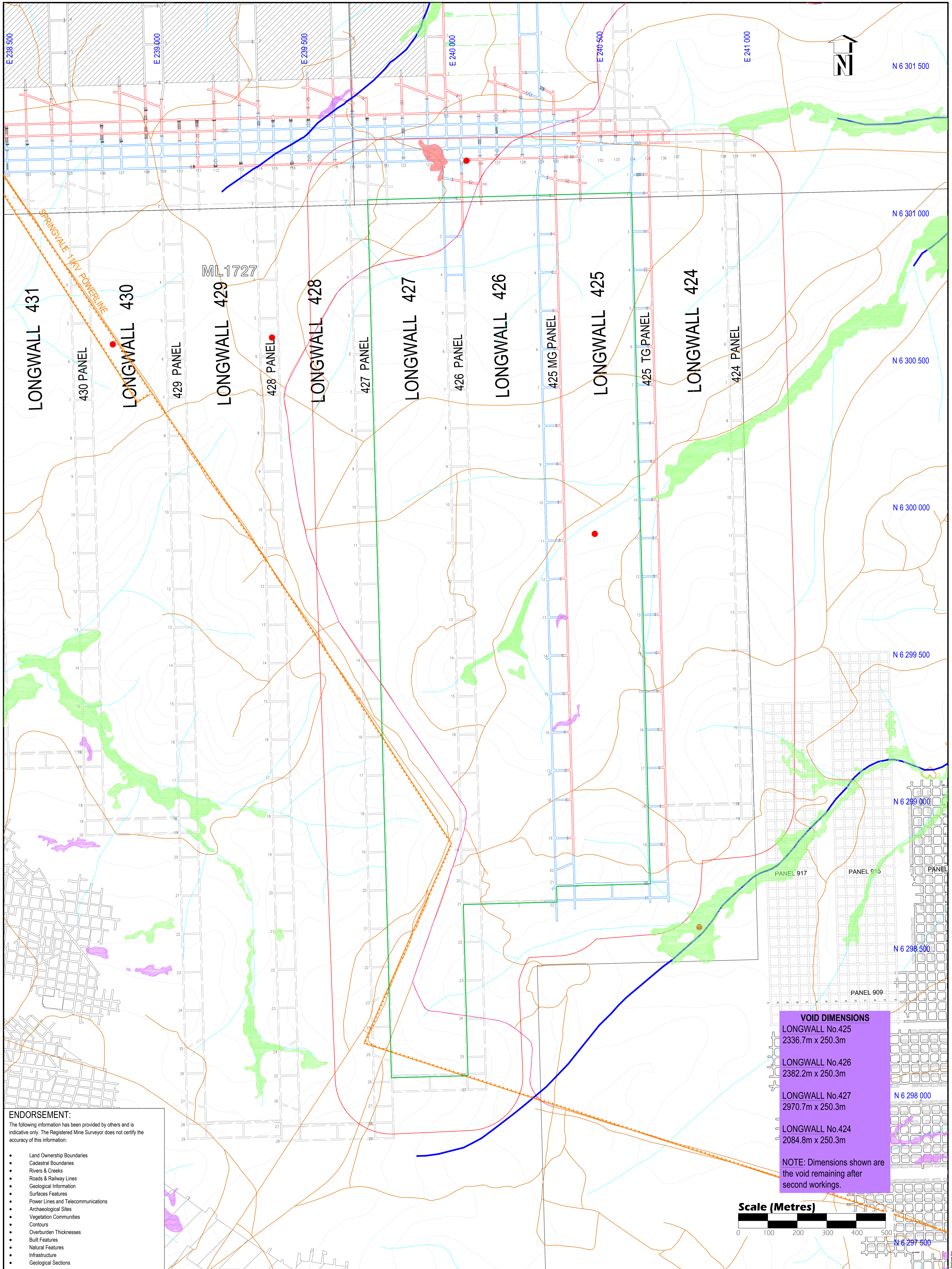
LONGWALL No.426  
 2382.2m x 250.3m

LONGWALL No.427  
 2970.7m x 250.3m

LONGWALL No.424  
 2084.8m x 250.3m

NOTE: Dimensions shown are the void remaining after second workings.





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- Infrastructure
- Geological Sections

**LEGEND:**

Clause 33 - Secondary Extraction Area	Mining Lease Boundary	Cliffline/Pagoda
Existing Areas of Extraction	Surface Contour	Springvale Water Transfer Scheme
Newnes Plateau Shrub Swamp	Formed Tracks	Area of Archaeological Significance
Newnes Plateau Hanging Swamp	Drainage Line	Potential Subsidence Affected Area (AOD 26.5")
	Creek	Powerlines

**CERTIFICATION**

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_____ Brian Nicholls	_____ Sarah Kimm
_____ Date	_____ Date
_____ Director General	_____ Date

<b>DRAWN:</b> Sarah Kimm	<b>DATE:</b> 24-04-2018
<b>PLAN No:</b> SVY05017/2	<b>COMPUTER PATH:</b> N:\Survey\Z_Plans
<b>INFORMATION SUPPLIED BY:</b> N/A	
<b>SCALE:</b> SCALE 1:4000	<b>AOV</b> Sheet 1 of 1

**SPRINGVALE MINE**

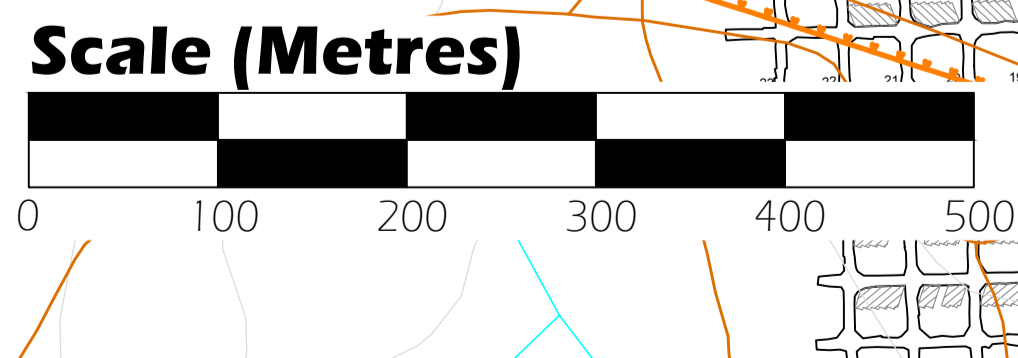
Extraction Plan LW424 to LW427  
 by Longwall Mining  
 April 2018  
**PLAN 2 - SURFACE FEATURES**

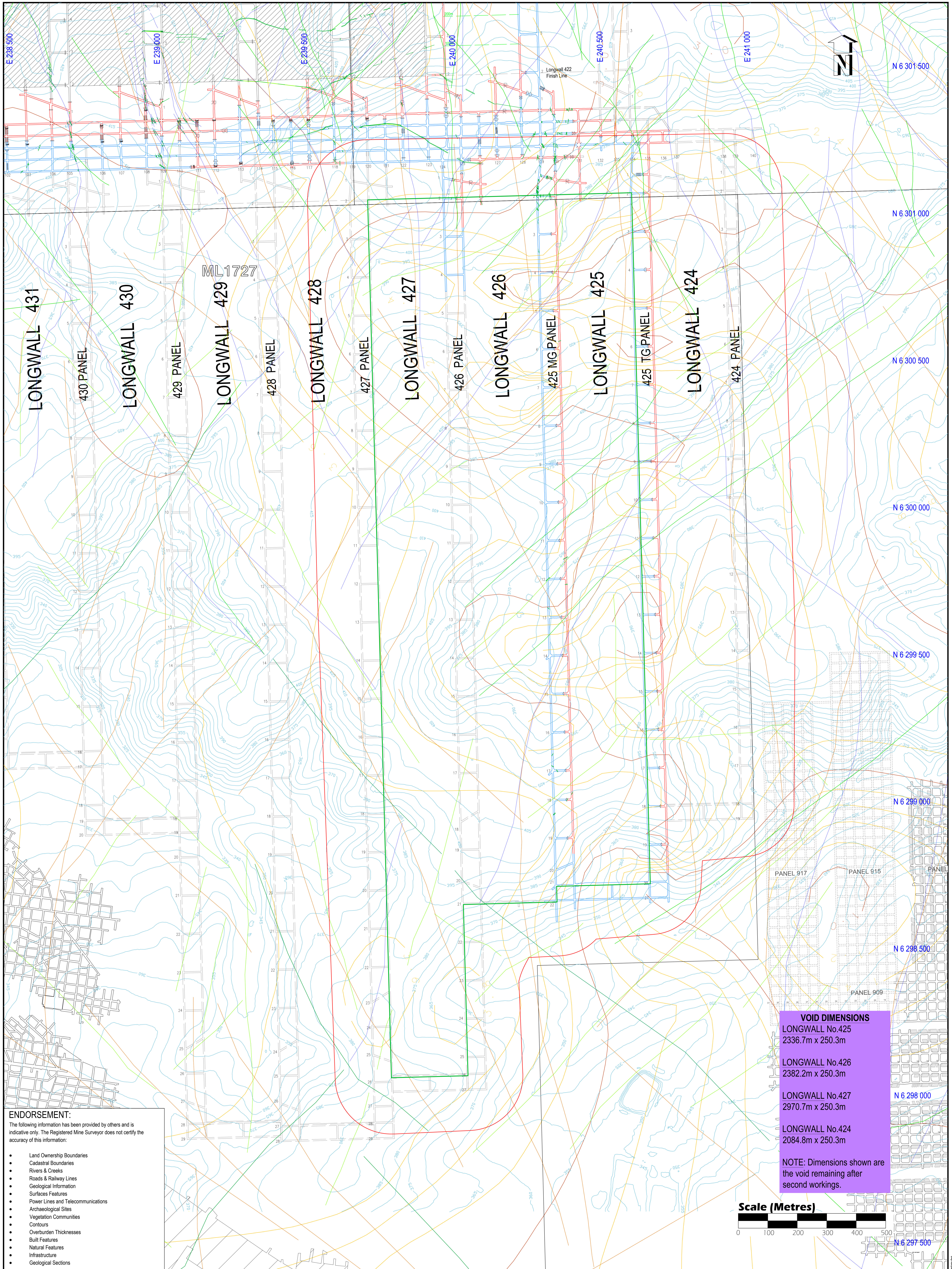
**Springvale Coal**  
 SPRINGVALE MINE  
 980 Castlereagh HWY  
 Lidcombe NSW 2170  
 PO Box 198  
 Wallerawang NSW 2845  
 Phone: 02-63501600  
 Fax: 02-63551052

**VOID DIMENSIONS**

	<b>LONGWALL No.425</b> 2336.7m x 250.3m
	<b>LONGWALL No.426</b> 2382.2m x 250.3m
	<b>LONGWALL No.427</b> 2970.7m x 250.3m
	<b>LONGWALL No.424</b> 2084.8m x 250.3m

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- Built Features
- Natural Features
- Infrastructure
- Geological Sections

**LEGEND:**

Clause 33 - Secondary Extraction Area	Mining Lease Boundary	Surface Fault
Existing Areas of Extraction	Fault	Basement Fault
Overburden Thickness Isopach	Inferred Fault	
Seam Thickness Isopach	Potential Subsidence Affected Area (AOD 26.5')	
Depth of Cover	Seam Fault	

**CERTIFICATION**

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--- Brian Nicholls --- Date	--- Sarah Kimm --- Date
--- Director General --- Date	---

DRAWN: Sarah Kimm	DATE: 24-04-018
PLAN No: SVY050173	COMPUTER PATH: N:\Survey\Z_Plans
INFORMATION SUPPLIED BY: NIA	
SCALE: SCALE 1:4000	AOV Sheet 1 of 1

**SPRINGVALE MINE**

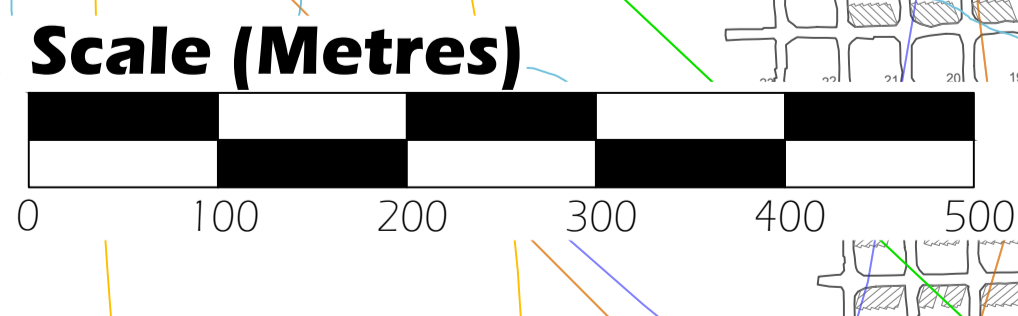
Extraction Plan LW424 to LW427  
 by Longwall Mining  
 April 2018  
**PLAN 3 - GEOLOGICAL INFORMATION**

SPRINGVALE MINE  
 980 Castlereagh Hwy  
 Lidcombe NSW 2179  
 PO Box 198  
 Wallerawang NSW 2845  
 Phone: 02-63501600  
 Fax: 02-63551052

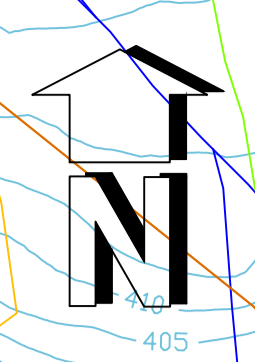
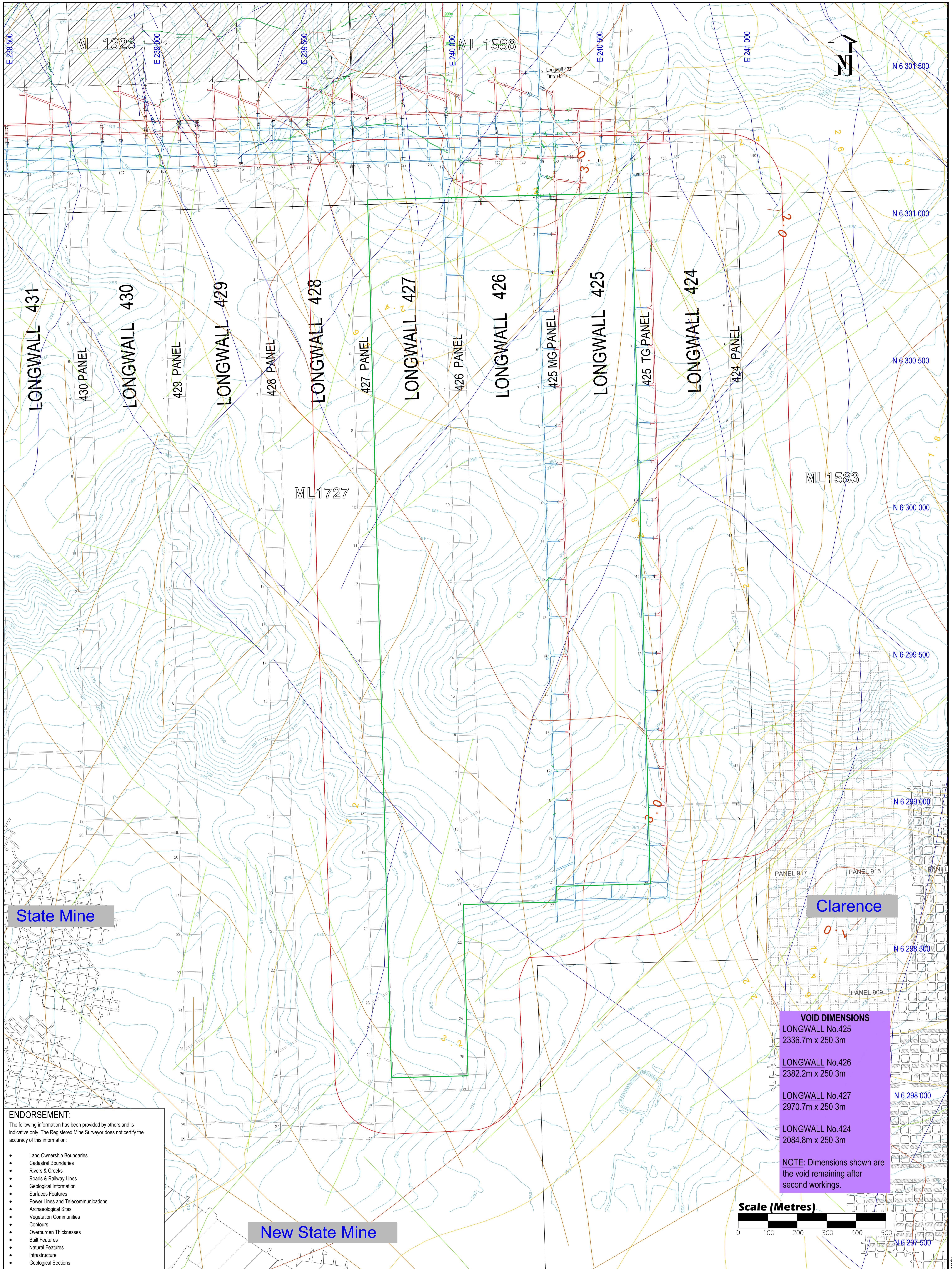
**VOID DIMENSIONS**

LONGWALL No.425 2336.7m x 250.3m	
LONGWALL No.426 2382.2m x 250.3m	
LONGWALL No.427 2970.7m x 250.3m	N 6 298 000
LONGWALL No.424 2084.8m x 250.3m	

NOTE: Dimensions shown are the void remaining after second workings.



N 6 297 500



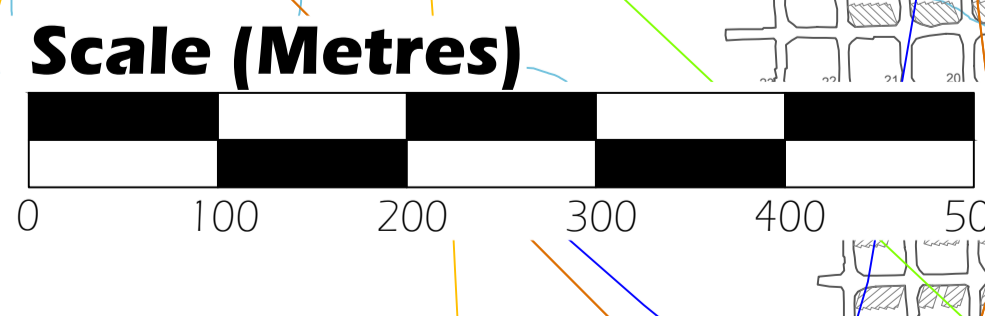
**State Mine**

**Clarence**

**New State Mine**

**VOID DIMENSIONS**  
 LONGWALL No.425  
 2336.7m x 250.3m  
 LONGWALL No.426  
 2382.2m x 250.3m  
 LONGWALL No.427  
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 LONGWALL No.424  
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**LEGEND:**

Clause 33 - Secondary Extraction Area	Mining Lease Boundary	Surface Fault
Existing Areas of Extraction	Fault	Basement Fault
Overburden Thickness Isopach	Inferred Fault	Potential Subsidence Affected Area (AOD 26.5")
Seam Thickness Isopach	Seam Fault	
Depth of Cover		

**CERTIFICATION**

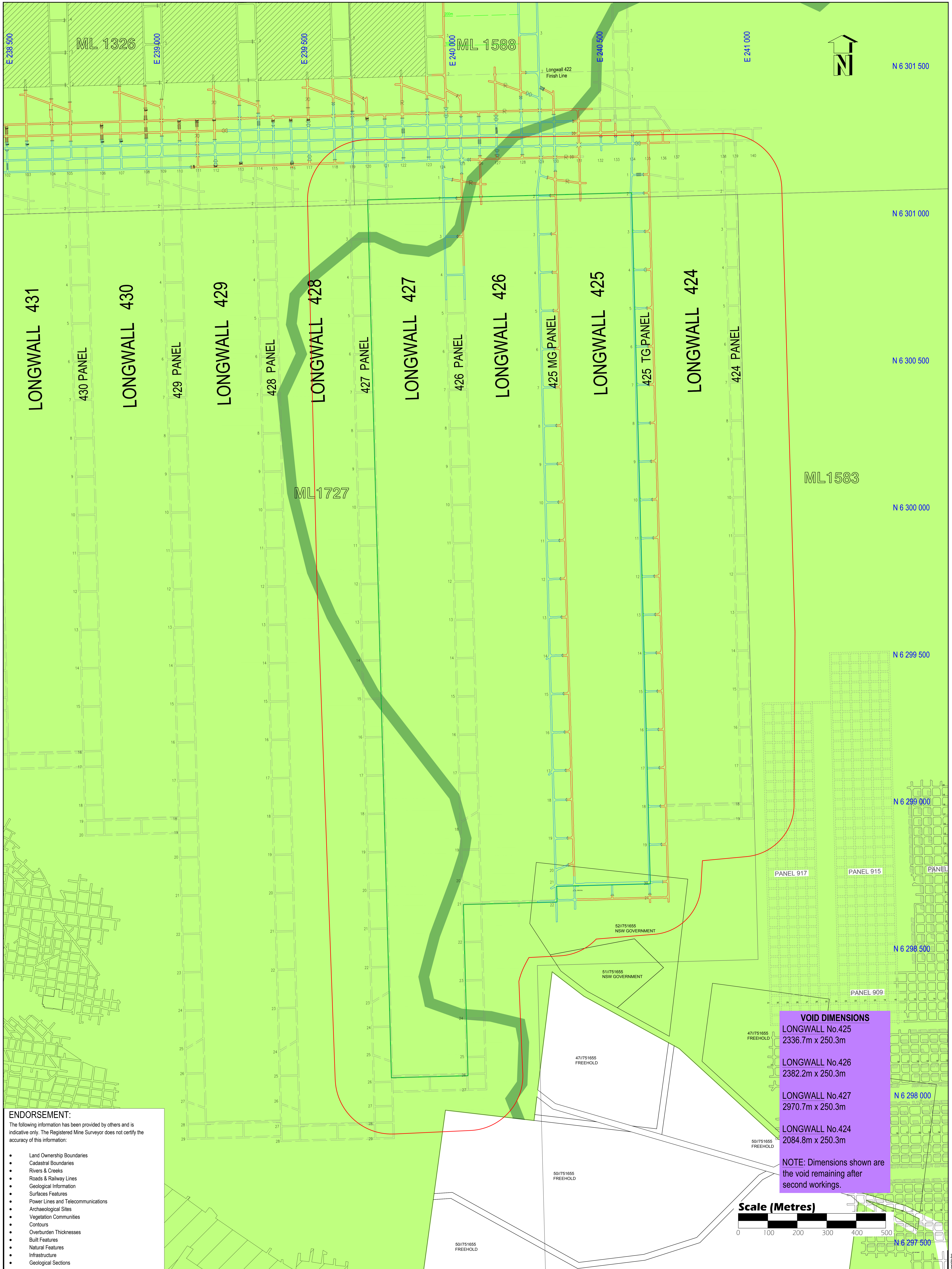
<b>MINE MANAGER</b> I, Brian Nicholls, testify to the acceptance of information shown on plan.	<b>MINE SURVEYOR</b> I, SARAH KIMM, registered mining surveyor (under the Surveying and Spatial Information Act 2002), certify that to the best of my knowledge and belief this plan conforms to the accuracy standards required by the DRE in the Notifying the regulator of a high risk guidelines.
____ Brian Nicholls _____ Date _____	____ Sarah Kimm _____ Date _____
____ Director General _____ Date _____	____ Sarah Kimm _____ Date _____

<b>DRAWN:</b> Sarah Kimm	<b>DATE:</b> 24-04-2018
<b>PLAN No:</b> SVY05017/4	<b>COMPUTER PATH:</b> N:\Survey\Z_Plans
<b>INFORMATION SUPPLIED BY:</b> NIA	
<b>SCALE:</b> SCALE 1:4000	<b>AOV</b> Sheet 1 of 1

**SPRINGVALE MINE**

Extraction Plan LW424 to LW427  
 by Longwall Mining  
 April 2018  
**PLAN 4 - OTHER SEAMS**

**Springvale Coal**  
 SPRINGVALE MINE  
 988 Castlereagh Hwy  
 Lidcombe NSW 2790  
 PO Box 198  
 Wallerawang NSW 2845  
 Phone: 02-63501600  
 Fax: 02-63551052



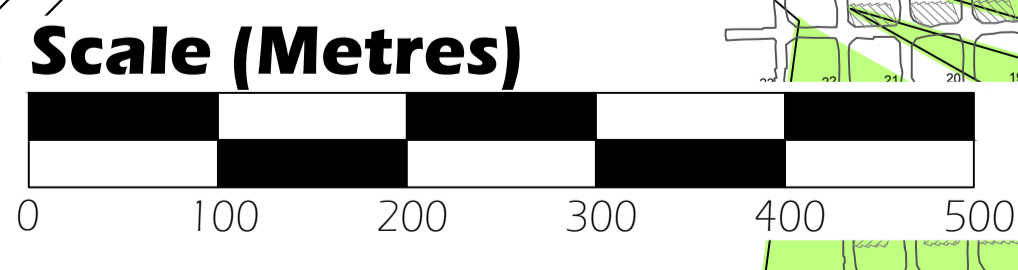
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**VOID DIMENSIONS**

- LONGWALL No.425  
2336.7m x 250.3m
- LONGWALL No.426  
2382.2m x 250.3m
- LONGWALL No.427  
2970.7m x 250.3m
- LONGWALL No.424  
2084.8m x 250.3m

NOTE: Dimensions shown are the void remaining after second workings.



**LEGEND:**

	Clause 33 - Secondary Extraction Area		Forestry Land Use Boundary
	Existing Areas of Extraction		Managed / Owned by Forestry
	Mining Lease		
	Cadastral Boundary		
	Potential Subsidence Affected Area (AOD 26.5")		

**SCHEDULE OF LEASES**

LEASE	EXPIRY DATE	SURFACE EXCEPTIONS
ML 1326	18-Aug-2025	Excludes the surface to a depth of 20m
ML 1588	19-Oct-2027	Excludes the surface to a depth of 50m
CL 327	09-Apr-2025	Excludes the surface to a depth of 15.24m
ML 1537	25-Jun-2024	Excludes the surface to a depth of 20m
ML 1670	17-Feb-2023	Excludes the surface to a depth of 20m
ML 1727	04-Feb-2037	Excludes the surface to a depth of 20m
EL 6974	13-Dec-2017	Excludes the surface to a depth of 20m (ML 1326)
		Excludes the surface to a depth of 50m (ML 1588)
		Excludes the surface to a depth of 15.24m (CL327)

A460 06-Jun-2020

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_____ Director General	_____ Date
_____ Date	_____ Sarah Kimm
_____ Date	_____ Date

DRAWN: Sarah Kimm	DATE: 24-04-2018
PLAN No: SVY05017/5	COMPUTER PATH: N:\Survey\Z_Plans
INFORMATION SUPPLIED BY: N/A	
SCALE: SCALE 1:4000	AOV Sheet 1 of 1

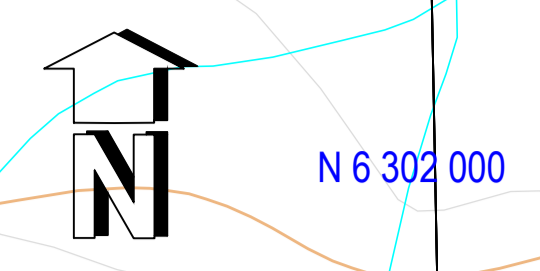
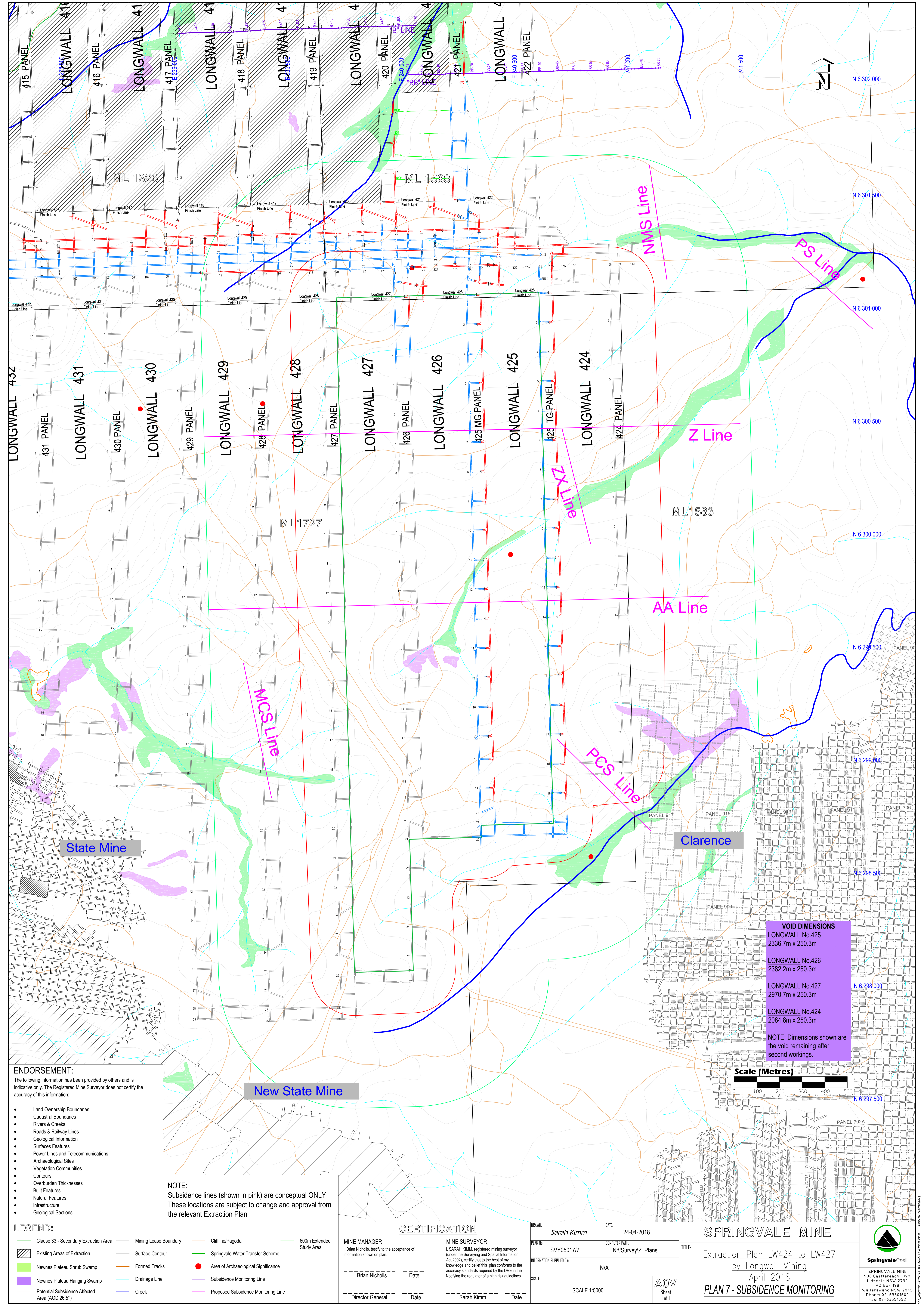
**SPRINGVALE MINE**

Extraction Plan LW424 to LW427  
 by Longwall Mining  
 April 2018  
**PLAN 5 - TITLE AND OWNERSHIP**

**Springvale Coal**

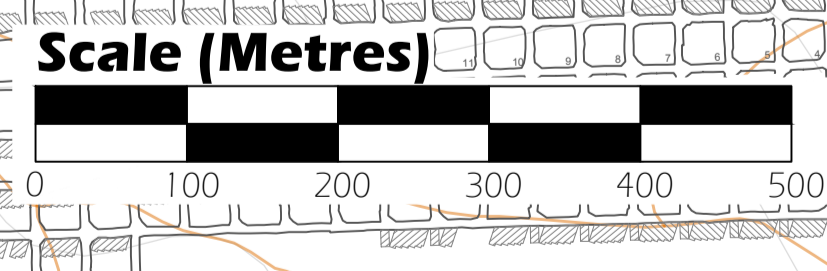
SPRINGVALE MINE  
 980 Castlereagh Hwy  
 Lidcombe NSW 2170  
 PO Box 198  
 Walterawang NSW 2845  
 Phone: 02-63501600  
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VOID DIMENSIONS	
LONGWALL No.425	2336.7m x 250.3m
LONGWALL No.426	2382.2m x 250.3m
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- Infrastructure
- Geological Sections

**NOTE:**  
Subsidence lines (shown in pink) are conceptual ONLY. These locations are subject to change and approval from the relevant Extraction Plan

**LEGEND:**

Clause 33 - Secondary Extraction Area	Mining Lease Boundary	Cliffline/Pagoda	600m Extended Study Area
Existing Areas of Extraction	Surface Contour	Springvale Water Transfer Scheme	Area of Archaeological Significance
Newnes Plateau Shrub Swamp	Formed Tracks	Subsidence Monitoring Line	Proposed Subsidence Monitoring Line
Newnes Plateau Hanging Swamp	Drainage Line		
Potential Subsidence Affected Area (AOD 26.5°)	Creek		

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Date _____	Date _____
Director General _____	Date _____

DRAWN: Sarah Kimm	DATE: 24-04-2018
PLAN No: SVY050177	COMPUTER PATH: N:\Survey\Z_Plans
INFORMATION SUPPLIED BY: NIA	
SCALE: SCALE 1:5000	

**SPRINGVALE MINE**

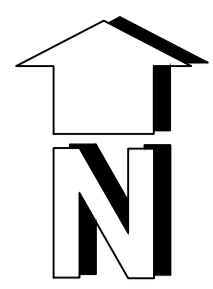
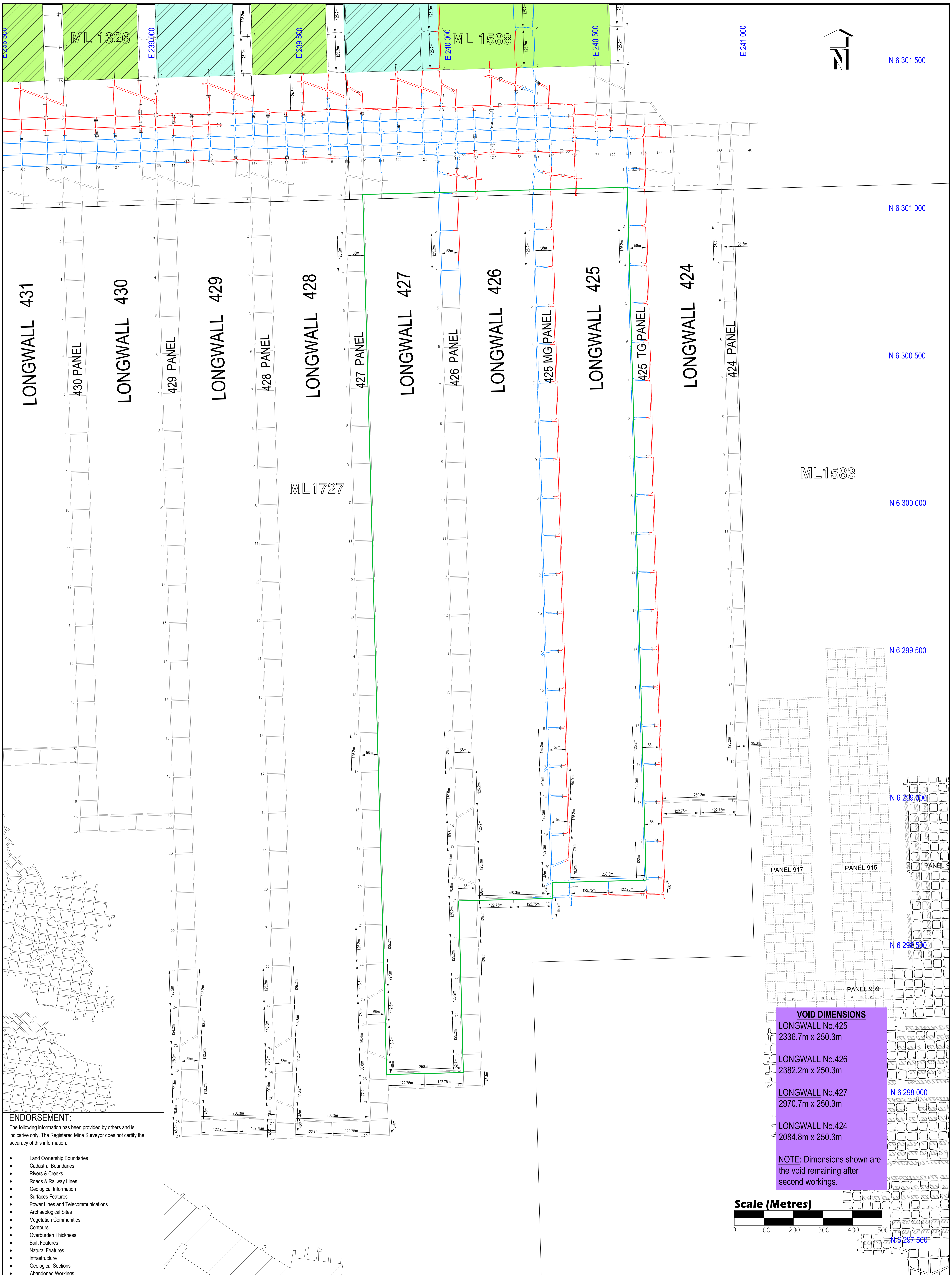
Extraction Plan LW424 to LW427  
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April 2018  
**PLAN 7 - SUBSIDENCE MONITORING**

**Springvale Coal**

SPRINGVALE MINE  
980 Castlereagh Hwy  
Lidcombe NSW 2790  
PO Box 198  
Wallerawang NSW 2845  
Phone: 02-63501600  
Fax: 02-63551052

AOV Sheet 1 of 1

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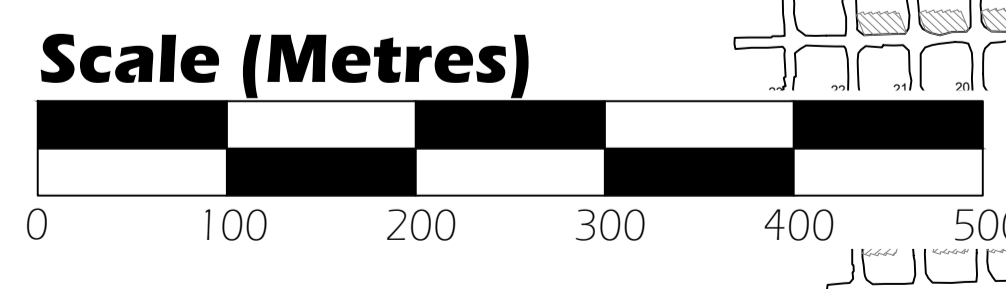
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N 6 298 000

N 6 297 500

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  - Existing Areas of Extraction
  - Clause 88 Approval (LW413-LW417) / Clause 33 Approval (LW418- LW422)
  - Mining Lease Boundary

**NOTES:**

1. Proposed workings are in the Lithgow Seam. Development - 3.4m basal section. Longwall - Typically 2.7m. Up to 3.2m.
2. Pillar dimensions may be modified to suit geological/safety conditions where appropriate.

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DRAWN: Sarah Kimm DATE: 24-04-2018

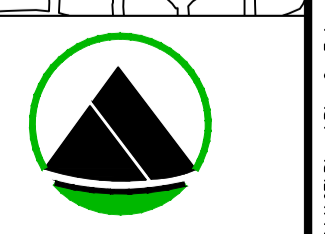
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INFORMATION SUPPLIED BY: N/A

SCALE: SCALE 1:4000

**SPRINGVALE MINE**  
 Extraction Plan LW424 to LW427  
 by Longwall Mining  
 April 2018  
**PLAN 8 - EXTRACTION PLAN AREA**

AOV  
 Sheet 1 of 1



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 980 Castlereagh Hwy  
 Lidcombe NSW 2170  
 PO Box 198  
 Wallerawang NSW 2845  
 Phone: 02-63501600  
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