

LEGEND

- Existing Longwalls (as at 01/09/2021)
Ulan No. 2 Workings shown in Grey
- Proposed Longwalls
Ulan No. 2 Workings shown in Grey
- Existing First Workings (as at 01/09/2021)
Ulan No. 2 Workings shown in Grey
- Proposed First Workings
Ulan No. 2 Workings shown in Grey
- Ulan West - Application Area Longwall Panels 7 and 8

32.4m Dimensions

W E S N

0.0 0.1 0.2 km

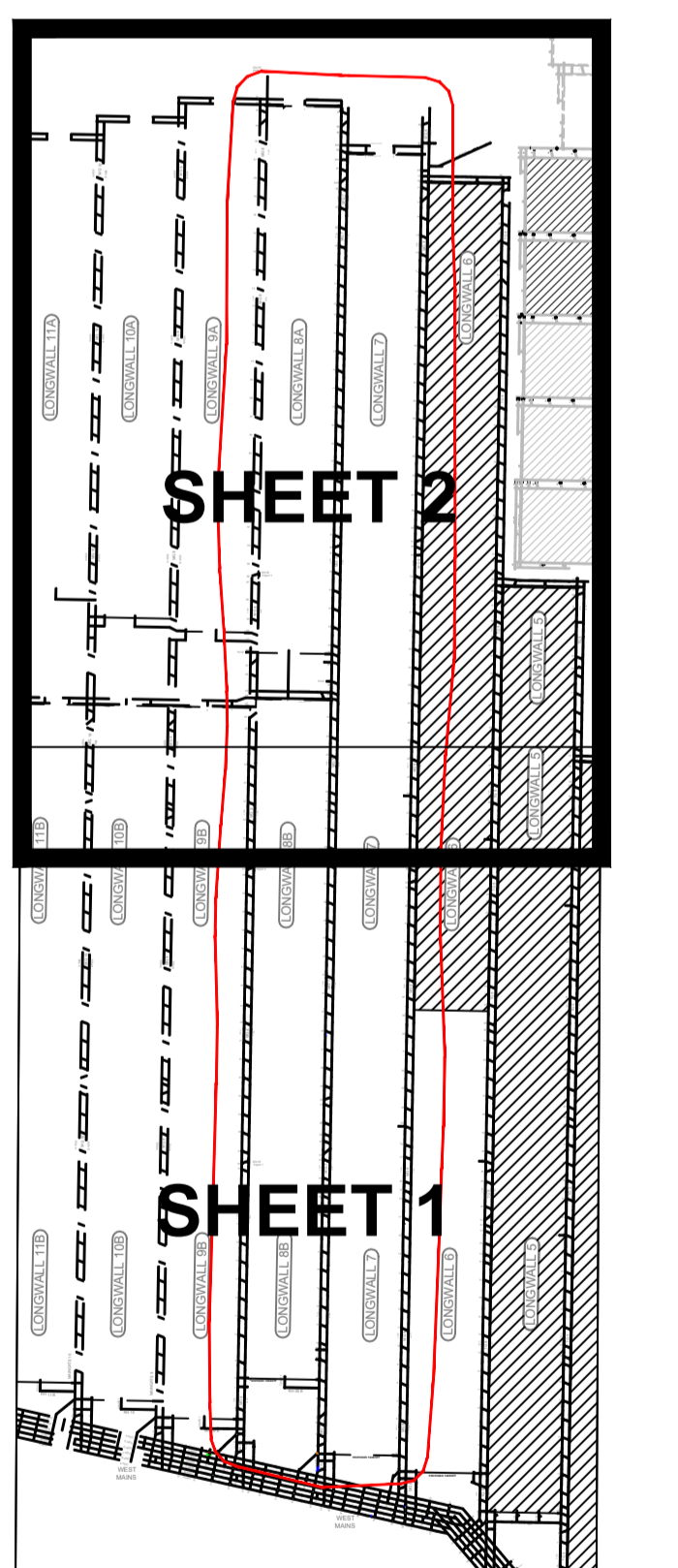
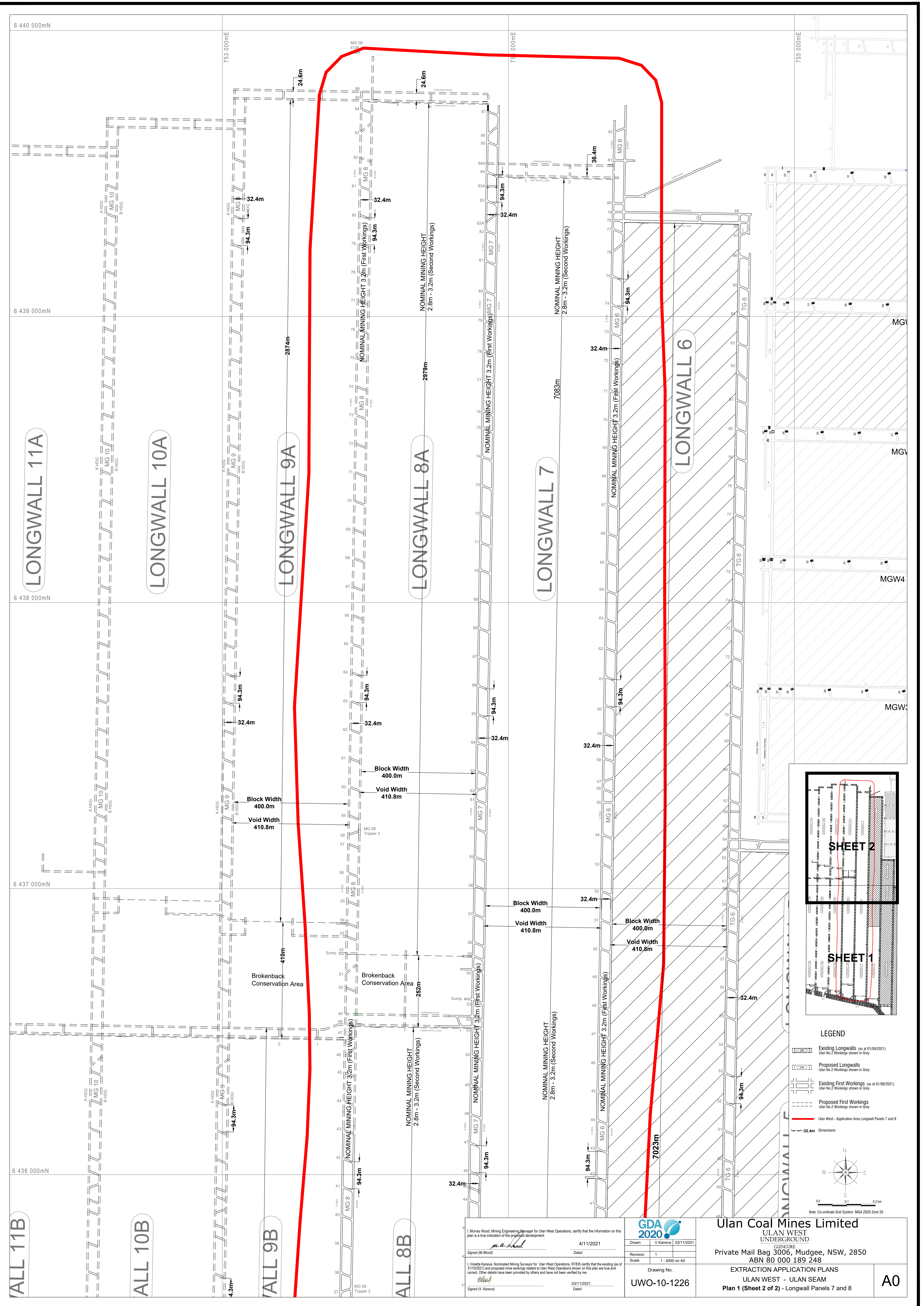
Note: Co-ordinate Grid System MGA 2020 Zone 55

I, Murray Wood, Mining Engineer/Manager for Ulan West Operations, certify that the information on this plan is a true indication of the proposed development.		4/11/2021	
Signed (M. Wood)		Dated	
I, Violeta Kaneva, Nominated Mining Surveyor for Ulan West Operations, RT355 certify that the existing (as at 31/10/2021) and proposed mine workings related to Ulan West Operations shown on this plan are true and correct. Other details have been provided by others and have not been verified by me.		03/11/2021	
Signed (V. Kaneva)		Dated	
GDA 2020		Drawn	V Kaneva 03/11/2021
		Revision	1
		Scale	1:4000 on A0
Drawing No.		UWO-10-1226	

Ulan Coal Mines Limited
ULAN WEST UNDERGROUND
GLENORE
Private Mail Bag 3006, Mudgee, NSW, 2850
ABN 80 000 189 248

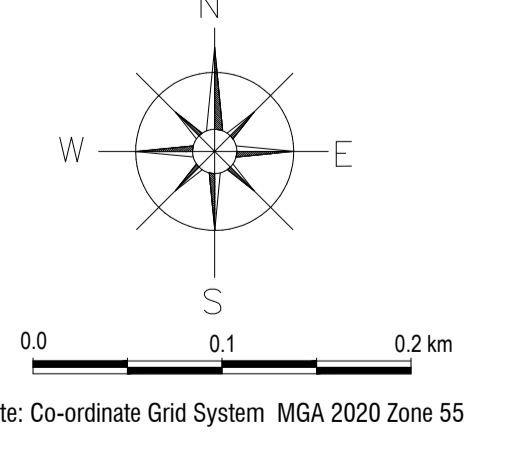
EXTRACTION APPLICATION PLANS
ULAN WEST - ULAN SEAM
Plan 1 (Sheet 1 of 2) - Longwall Panels 7 and 8

A0



LEGEND

- Existing Longwalls (as at 01/09/2021)
Ulan No.2 Workings shown in Grey
- Proposed Longwalls
Ulan No.2 Workings shown in Grey
- Existing First Workings (as at 01/09/2021)
Ulan No.2 Workings shown in Grey
- Proposed First Workings
Ulan No.2 Workings shown in Grey
- Ulan West - Application Area Longwall Panels 7 and 8
- Dimensions
← 32.4m



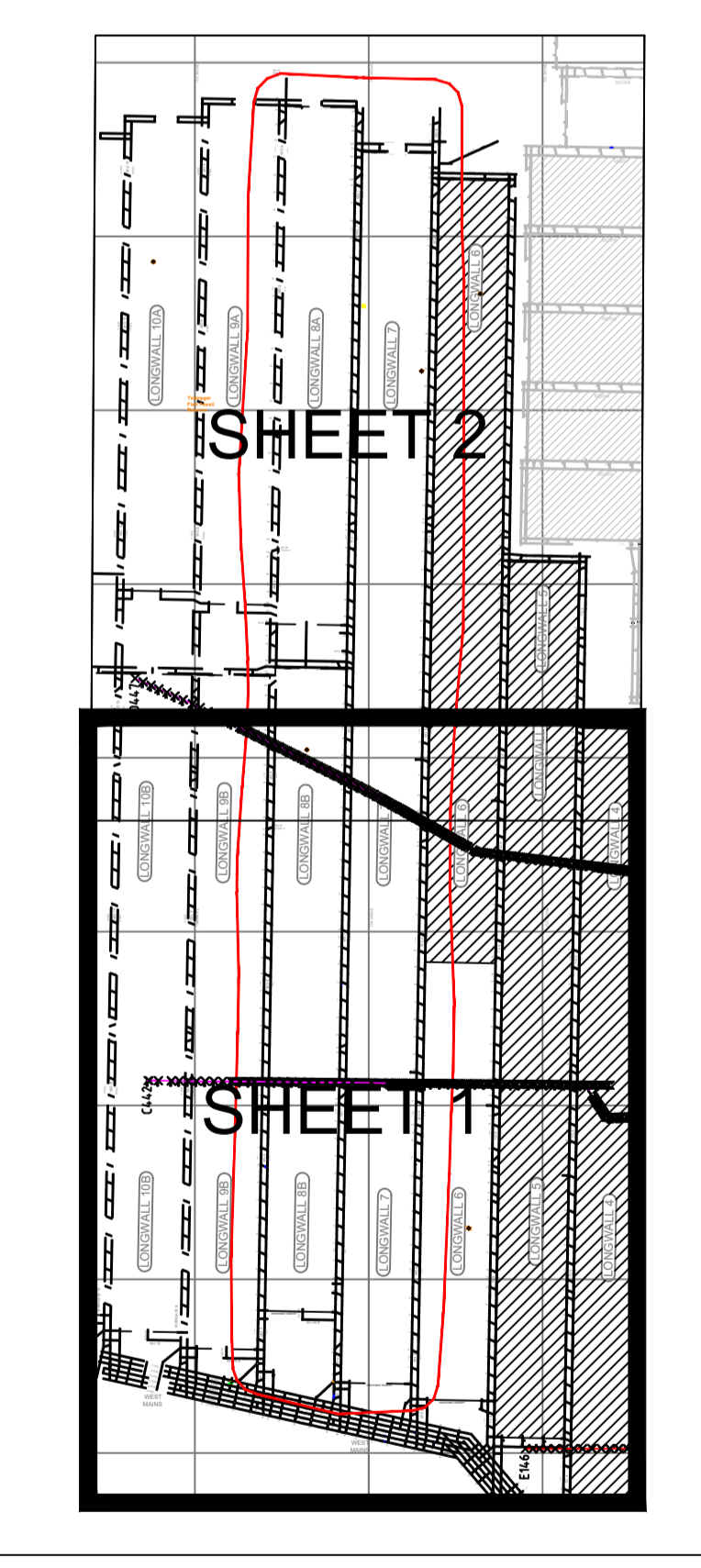
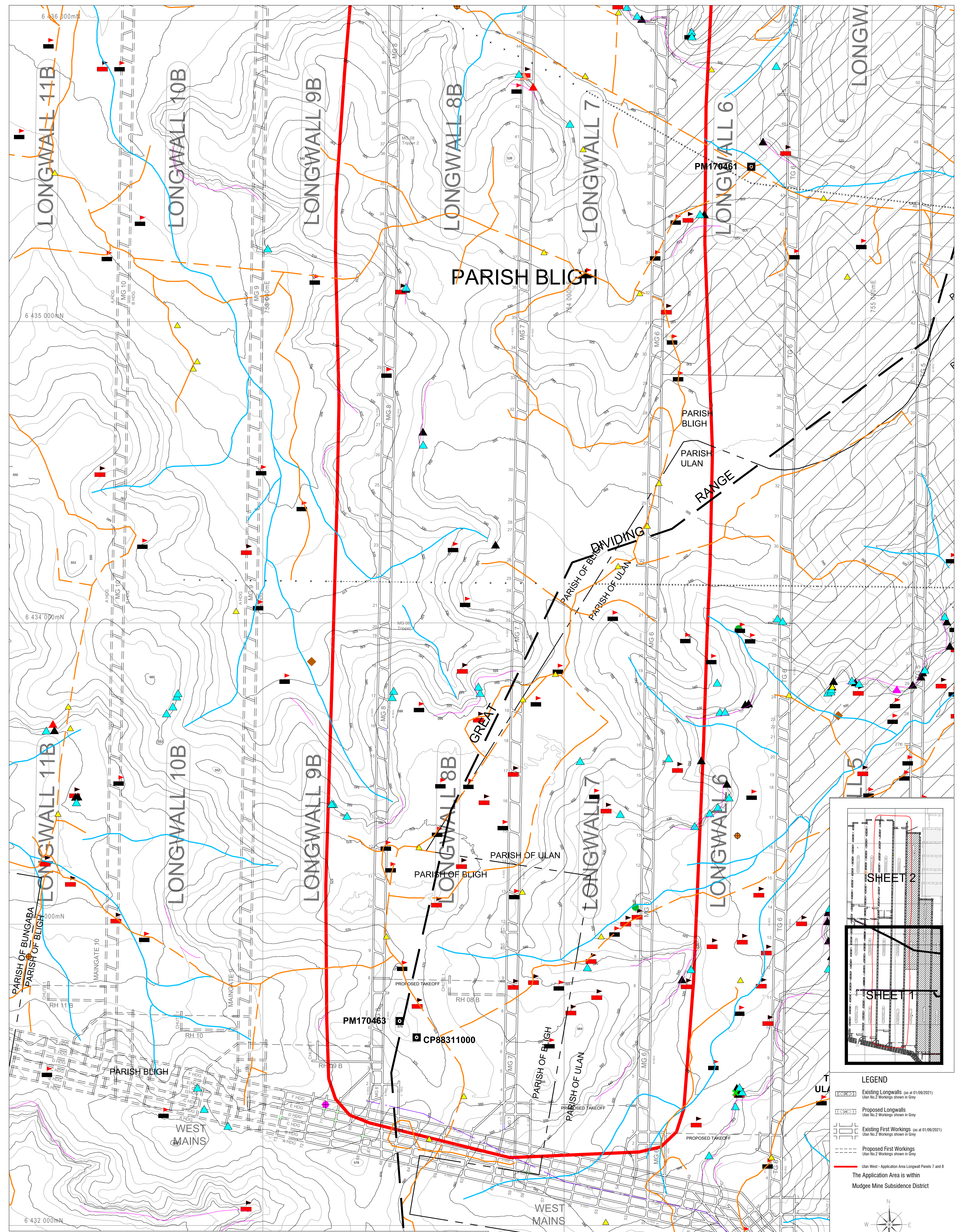
I, Murray Wood, Mining Engineering Manager for Ulan West Operations, certify that the information on this plan is a true indication of the proposed development.
 Signed (M Wood) 4/11/2021 Dated

I, Violetta Kaneva, Nominated Mining Surveyor for Ulan West Operations, RT335 certify that the existing data of 31/10/2021 and proposed mine workings related to Ulan West Operations shown on this plan are true and correct. Other details have been provided by others and have not been verified by me.
 Signed (V Kaneva) 03/11/2021 Dated

Drawn	V Kaneva	03/11/2021
Revision	1	
Scale	1 : 4000 on A0	
Drawing No.	UWO-10-1226	

Ulan Coal Mines Limited
 ULAN WEST UNDERGROUND
 EXHAUSTION APPLICATION PLANS
 ULAN SHEET - ULAN SEAM
 Plan 1 (Sheet 2 of 2) - Longwall Panels 7 and 8

A0



LEGEND

- Existing Longwalls (as at 01/09/2021)
Ulan No. 2 Workings shown in Grey
- Proposed Longwalls
Ulan No. 2 Workings shown in Grey
- Existing First Workings (as at 01/09/2021)
Ulan No. 2 Workings shown in Grey
- Proposed First Workings
Ulan No. 2 Workings shown in Grey
- Ulan West - Application Area Longwall Panels 7 and 8
The Application Area is within Mudgee Mine Subsidence District

Scale: 0.0 0.1 0.2 km
Note: Co-ordinate Grid System MGA 2020 Zone 55

Aboriginal, Heritage and Other Sites

- Artifact Scatter
- Isolated Find
- Grinding Groove
- Grinding Groove and Artifact Scatter
- Ochre Quarry
- European Site
- Threatened Fauna Species
- Waterhole/Well
- Stone Arrangement
- Rockshelter with Art
- Rockshelter with Art and Grinding Grooves and Artefacts
- Rockshelter with Grinding Grooves
- Rockshelter with Grinding Grooves and Artefacts
- Rockshelter with PAD
- Scarred Tree
- Scarred Tree and Artifact Scatter

Groundwater Monitoring Sites

- Groundwater Bore
- Northern Monitoring Network
- Brokenback Conservation Area
- Water Course
- Surface Dam
- Surface Track
- Surface Contours

Infrastructure

- Existing Power Line
- Existing Essential Energy Power Line
- Existing Water Pipeline
- Ventilation Shaft/Fans
- Substation
- Dewatering Infrastructure
- Registered Survey Mark (Mark No. Shown)

I, Murray Wood, Mining Engineering Manager for Ulan West Operations, certify that the information on this plan is a true indication of the proposed development.

Signed (M. Wood) Dated 4/11/2021

I, Violetta Kaneva, Nominated Mining Surveyor for Ulan West Operations, RT835 certify that the existing (as of 31/10/2021), and proposed mine workings related to Ulan West Operations shown on this plan are true and correct. Other details have been provided by others and have not been verified by me.

Signed (V. Kaneva) Dated 03/11/2021

GDA 2020

Drawn V. Kaneva 03/11/2021

Revision 1

Scale 1:4000 on A0

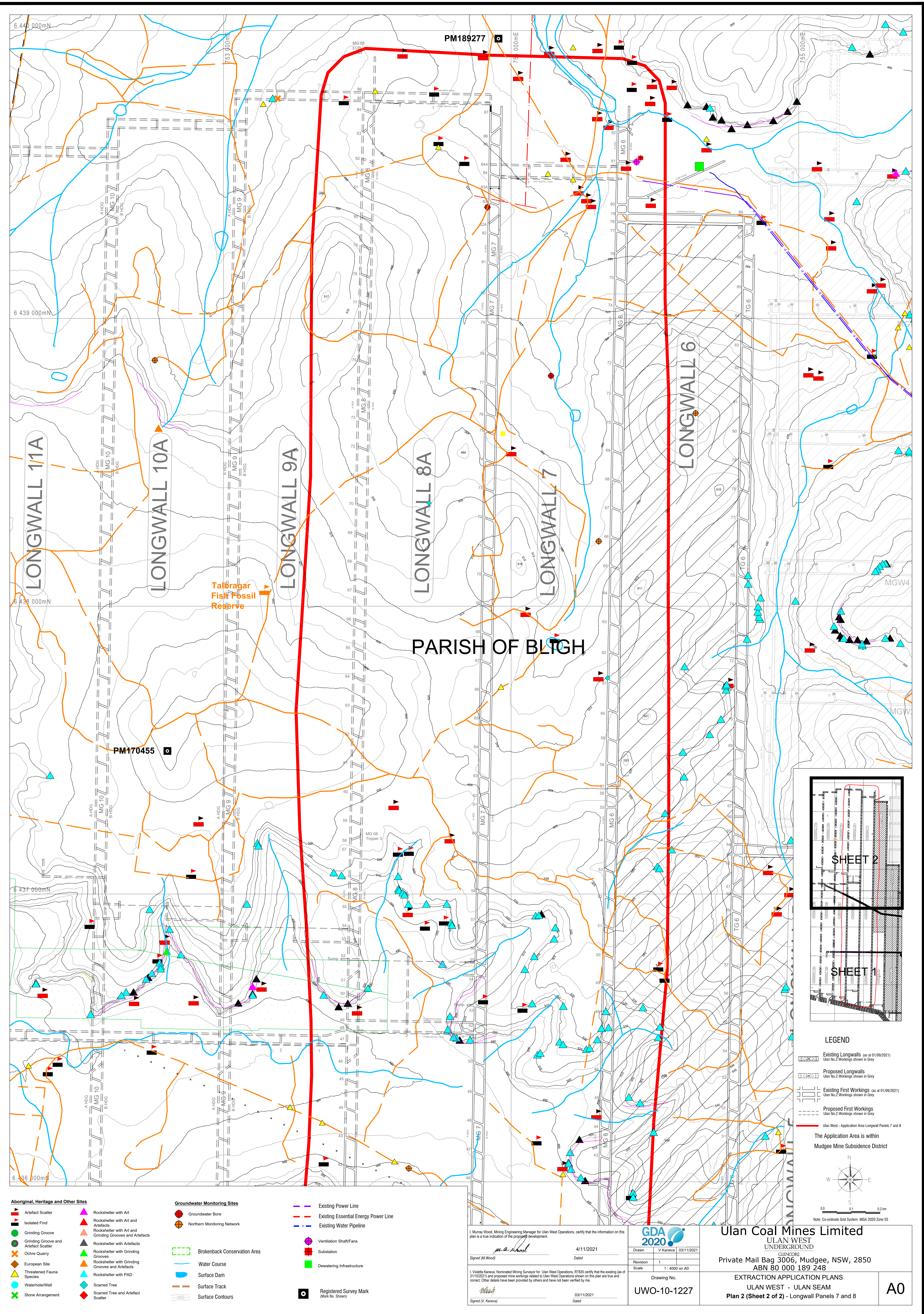
Drawing No. UWO-10-1227

Ulan Coal Mines Limited
ULAN WEST UNDERGROUND

Private Mail Bag 3006, Mudgee, NSW, 2850
ABN 80 000 189 248

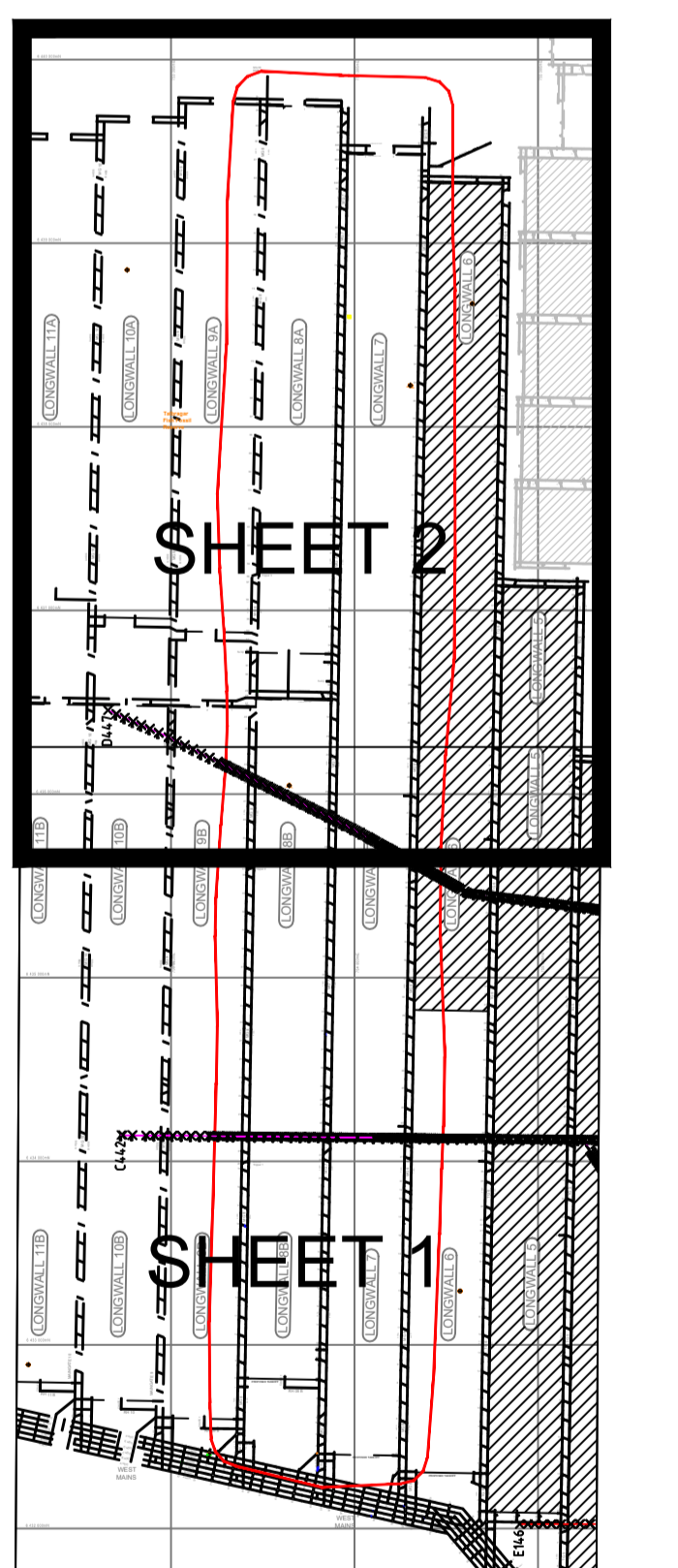
EXTRACTION APPLICATION PLANS
ULAN WEST - ULAN SEAM
Plan 2 (Sheet 1 of 2) - Longwall Panels 7 and 8

A0

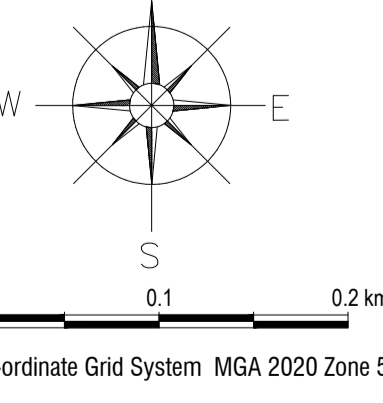


PARISH OF BLIGH

Talbragar
Fish Fossil
Reserve



- LEGEND**
- Existing Longwalls (as at 01/09/2021)
Ulan No.2 Workings shown in Grey
 - Proposed Longwalls
Ulan No.2 Workings shown in Grey
 - Existing First Workings (as at 01/09/2021)
Ulan No.2 Workings shown in Grey
 - Proposed First Workings
Ulan No.2 Workings shown in Grey
 - Ulan West - Application Area Longwall Panels 7 and 8
- The Application Area is within
Mudgee Mine Subsidence District



- Aboriginal, Heritage and Other Sites**
- Artefact Scatter
 - Isolated Find
 - Grinding Groove
 - Grinding Groove and Artefact Scatter
 - Ochre Quarry
 - European Site
 - Threatened Fauna Species
 - Waterhole/Well
 - Stone Arrangement
 - Rockshelter with Art
 - Rockshelter with Art and Artefacts
 - Rockshelter with Art and Grinding Grooves and Artefacts
 - Rockshelter with Artefacts
 - Rockshelter with Grinding Grooves
 - Rockshelter with Grinding Grooves and Artefacts
 - Rockshelter with PAD
 - Scarred Tree
 - Scarred Tree and Artefact Scatter
- Groundwater Monitoring Sites**
- Groundwater Bore
 - Northern Monitoring Network
 - Brokenback Conservation Area
 - Water Course
 - Surface Dam
 - Surface Track
 - Surface Contours
- Infrastructure**
- Existing Power Line
 - Existing Essential Energy Power Line
 - Existing Water Pipeline
 - Ventilation Shaft/Fans
 - Substation
 - Dewatering Infrastructure
 - Registered Survey Mark (Mark No. Shown)

I, Murray Wood, Mining Engineering Manager for Ulan West Operations, certify that the information on this plan is a true indication of the proposed development.

Signed (M Wood) 4/11/2021
Date

I, Violetta Kaneva, Nominated Mining Surveyor for Ulan West Operations, RT335 certify that the existing data of 31/10/2021 and proposed mine workings related to Ulan West Operations shown on this plan are true and correct. Other details have been provided by others and have not been verified by me.

Signed (V Kaneva) 03/11/2021
Date

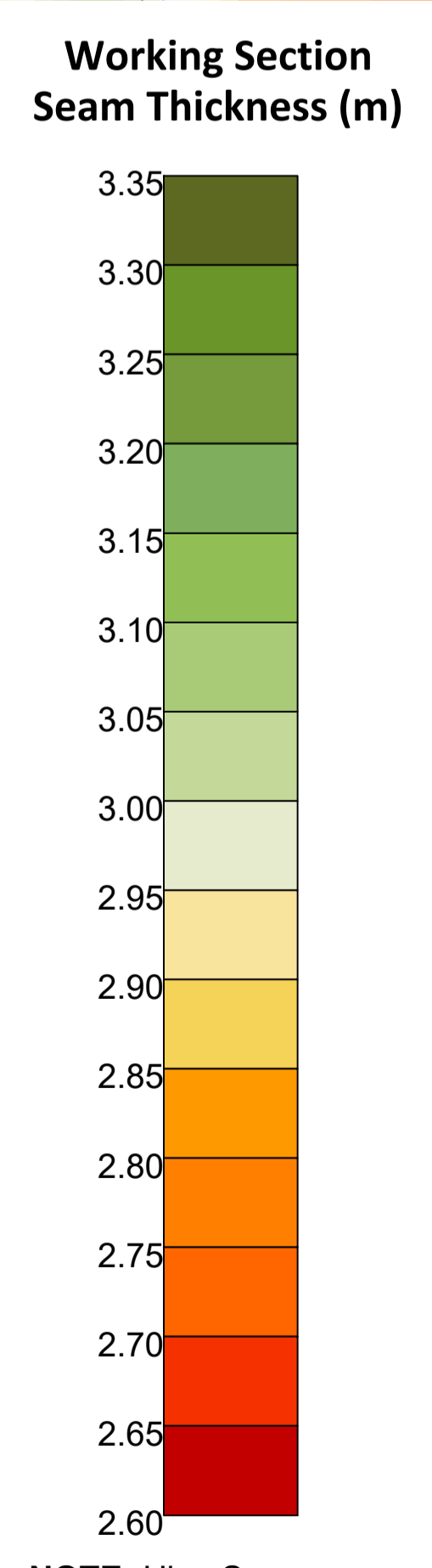
GDA 2020	
Drawn	V Kaneva 03/11/2021
Revision	1
Scale	1 : 4000 on A0
Drawing No.	
UWO-10-1227	

Ulan Coal Mines Limited
ULAN WEST UNDERGROUND

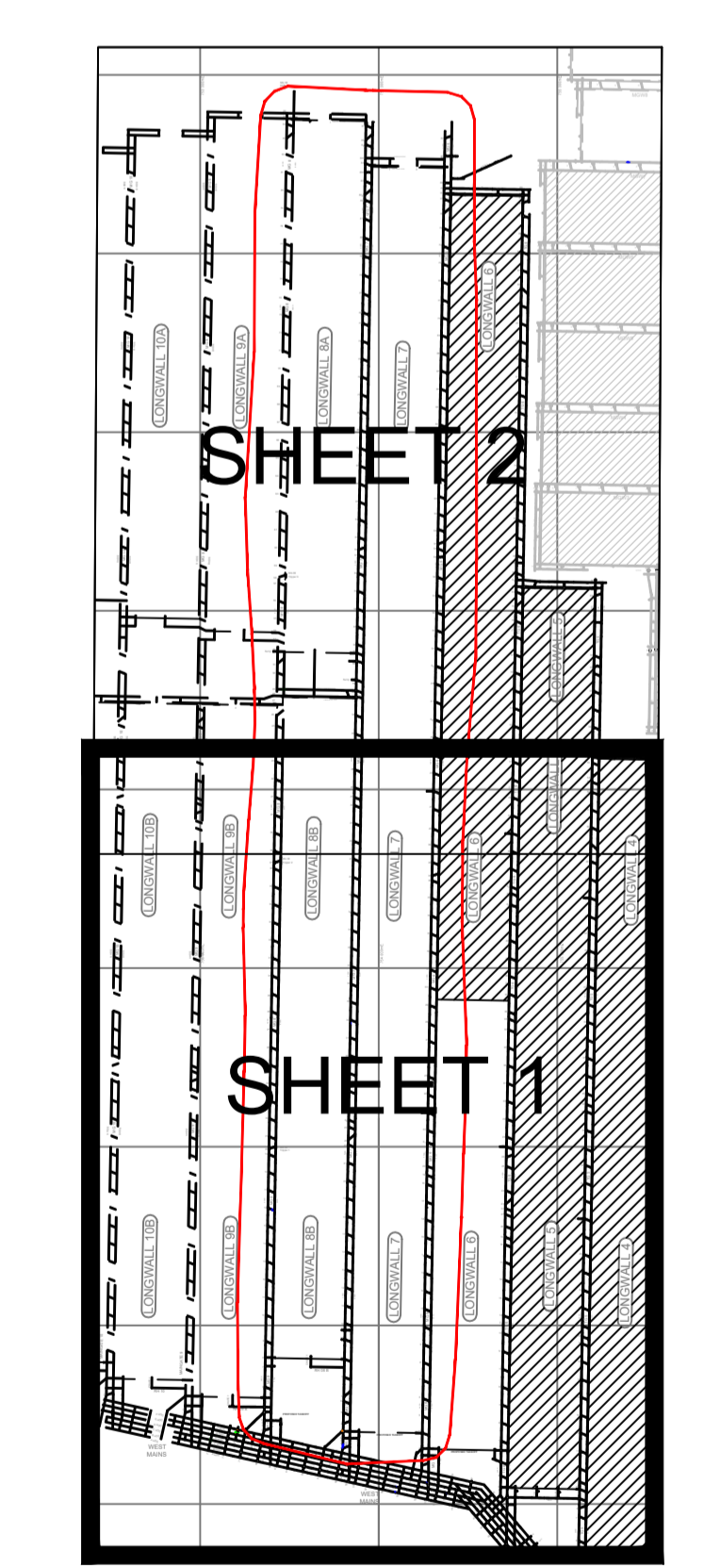
Private Mail Bag 3006, Mudgee, NSW, 2850
ABN 80 000 189 248

EXTRACTION APPLICATION PLANS
ULAN WEST - ULAN SEAM
Plan 2 (Sheet 2 of 2) - Longwall Panels 7 and 8

A0



NOTE: Ulan Seam approx. 8m thick. Working section seam thickness shown.



LEGEND

- Existing Longwalls (as at 01/09/2021)
Ulan No. 2 Workings shown in Grey
- Proposed Longwalls
Ulan No. 2 Workings shown in Grey
- Existing First Workings (as at 01/09/2021)
Ulan No. 2 Workings shown in Grey
- Proposed First Workings
Ulan No. 2 Workings shown in Grey
- Ulan West - Application Area Longwall
Panels 7 and 8

Note: Co-ordinate Grid System MGA 2020 Zone 55

LEGEND

- Normal Fault
- Reverse Fault
- Projected Fault
- Seam Thickness Isopach
- Overburden Thickness Isopach 5m

I, Murray Wood, Mining Engineer, Manager for Ulan West Operations, certify that the information on this plan is a true indication of the proposed development.

M. Wood
Signed (M. Wood) Dated 04/11/2021

I, Violetta Kaneva, Nominated Mining Surveyor for Ulan West Operations, RT35 certify that the existing (as of 31/10/2021), and proposed mine workings related to Ulan West Operations shown on this plan are true and correct. Other details have been provided by others and has not been verified by me.

V. Kaneva
Signed (V. Kaneva) Dated 03/11/2021

GDA 2020

Drawn V Kaneva 03/11/2021

Revision 1

Scale 1:4000 on A0

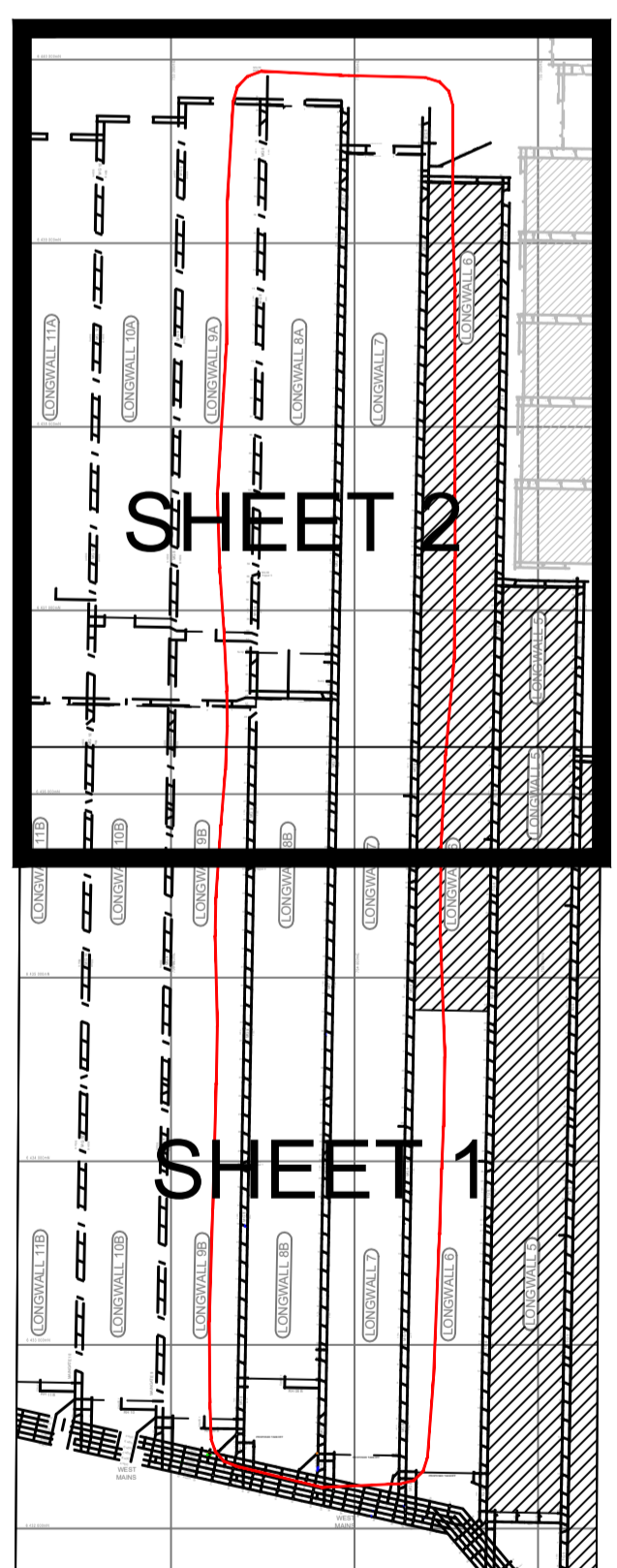
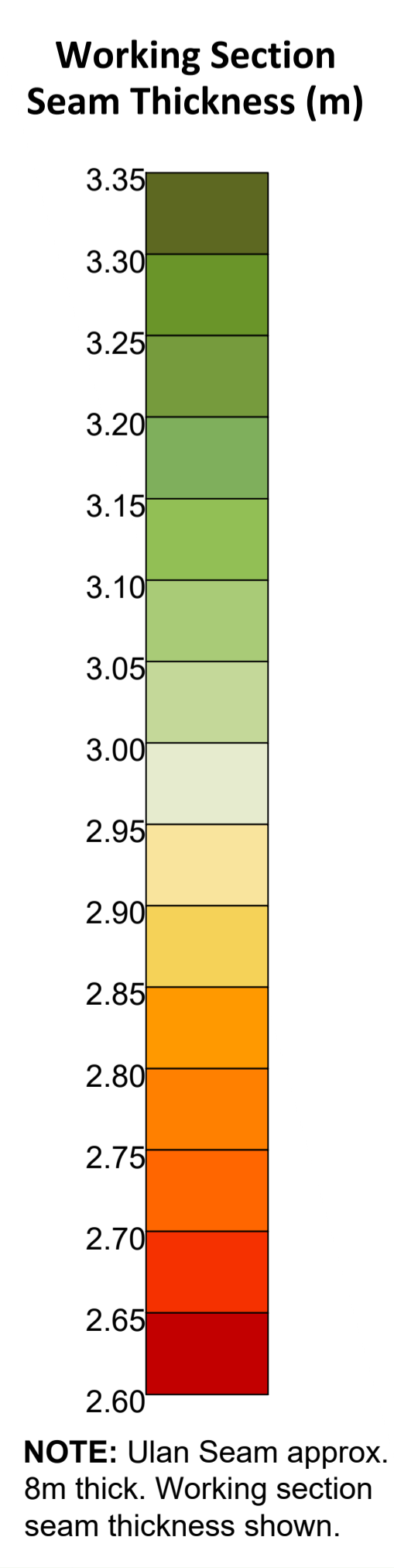
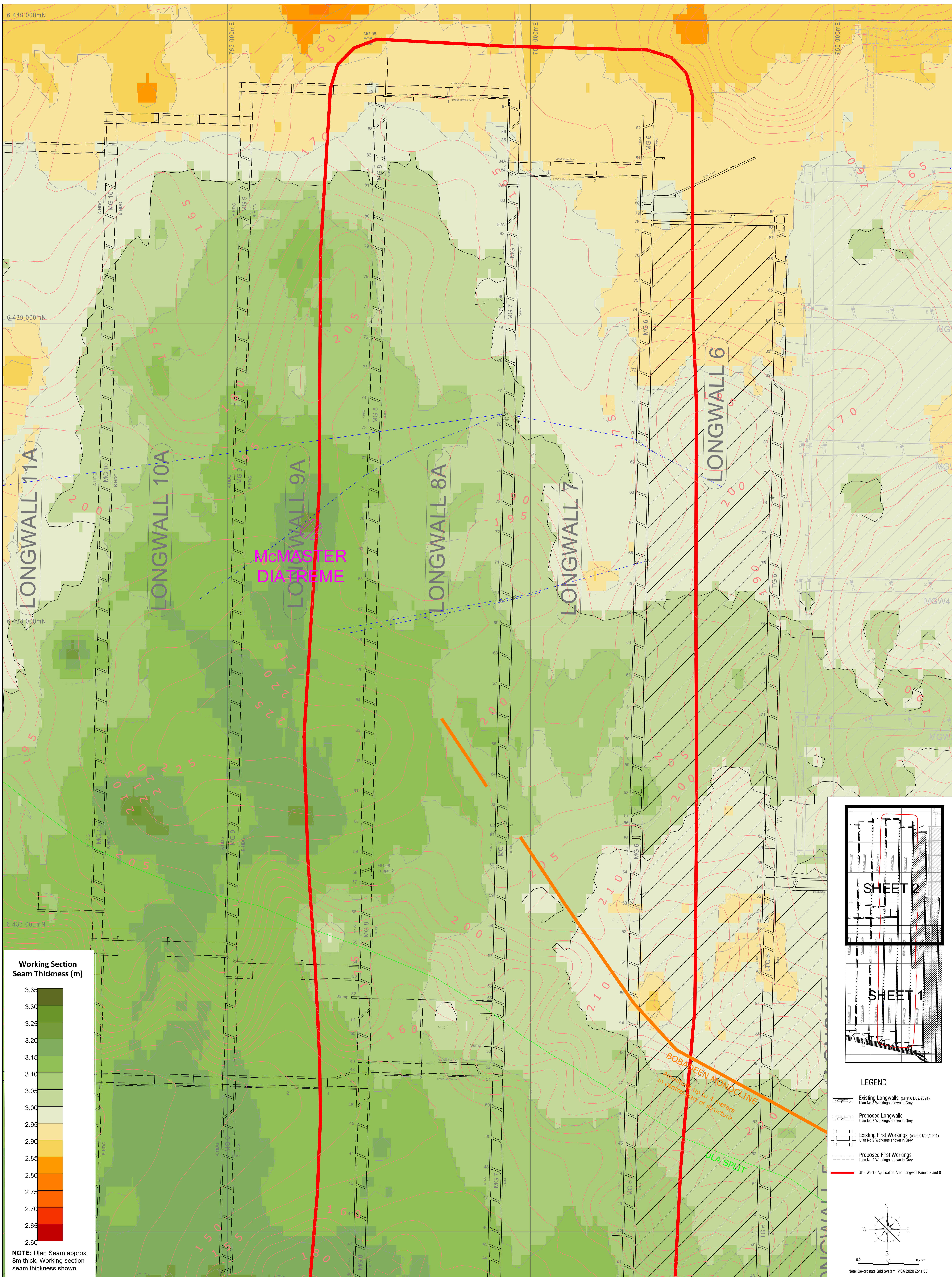
Drawing No. UWO-10-1228

Ulan Coal Mines Limited
ULAN WEST UNDERGROUND
GLENORE

Private Mail Bag 3006, Mudgee, NSW, 2850
ABN 80 000 189 248

EXTRACTION APPLICATION PLANS
ULAN WEST - ULAN SEAM
Plan 3 (Sheet 1 of 2) - Longwall Panels 7 and 8

A0



LEGEND

- Existing Longwalls (as at 01/09/2021)
Ulan No.2 Workings shown in Grey
- Proposed Longwalls
Ulan No.2 Workings shown in Grey
- Existing First Workings (as at 01/09/2021)
Ulan No.2 Workings shown in Grey
- Proposed First Workings
Ulan No.2 Workings shown in Grey
- Ulan West - Application Area Longwall Panels 7 and 8

Scale: 0 0.1 0.2 km

Note: Co-ordinate Grid System MGA 2020 Zone 55

LEGEND

- Normal Fault
- Reverse Fault
- Projected Fault
- Seam Thickness Isopach
- Overburden Thickness Isopach 5m

LEGEND

- Normal Fault
- Reverse Fault
- Projected Fault
- Seam Thickness Isopach
- Overburden Thickness Isopach 5m

I, Murray Wood, Mining Engineering Professional Engineer for Ulan West Operations, certify that the information on this plan is a true indication of the proposed development.

Murray Wood
Signed (M Wood) 04/11/2021
Date

I, Violetta Kaneva, Nominated Mining Surveyor for Ulan West Operations, RTGS certify that the existing (as of 31/10/2021) and proposed mine workings related to Ulan West Operations shown on this plan are true and correct. Other details have been provided by others and has not been verified by me.

Violetta Kaneva
Signed (V Kaneva) 03/11/2021
Date

GDA 2020

Drawn: V Kaneva 03/11/2021

Revision: 1

Scale: 1 : 4000 on A0

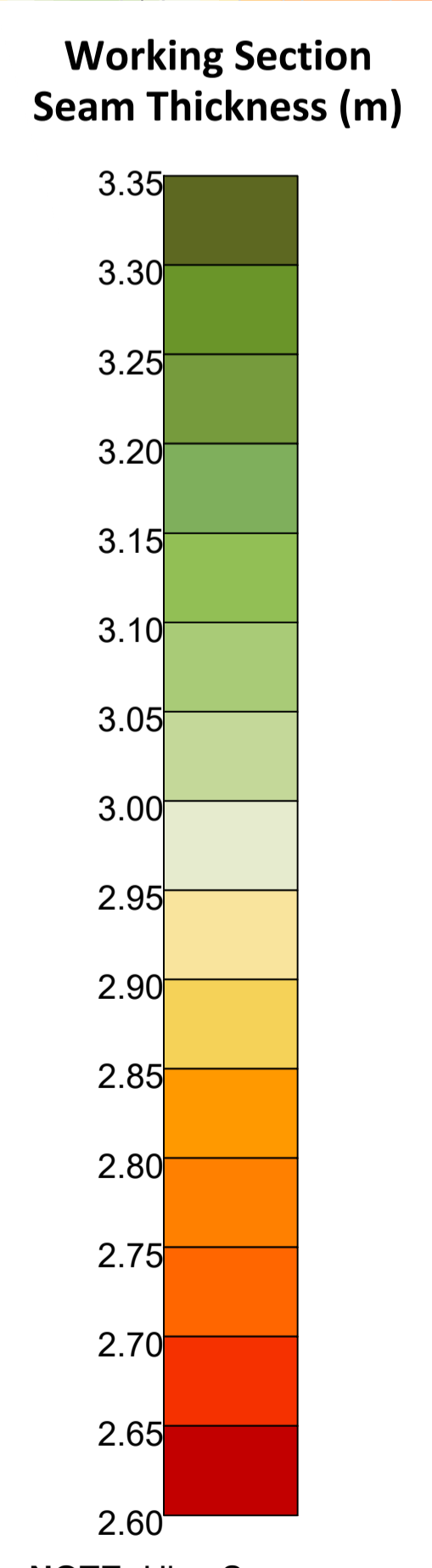
Drawing No. UWO-10-1228

Ulan Coal Mines Limited
ULAN WEST UNDERGROUND

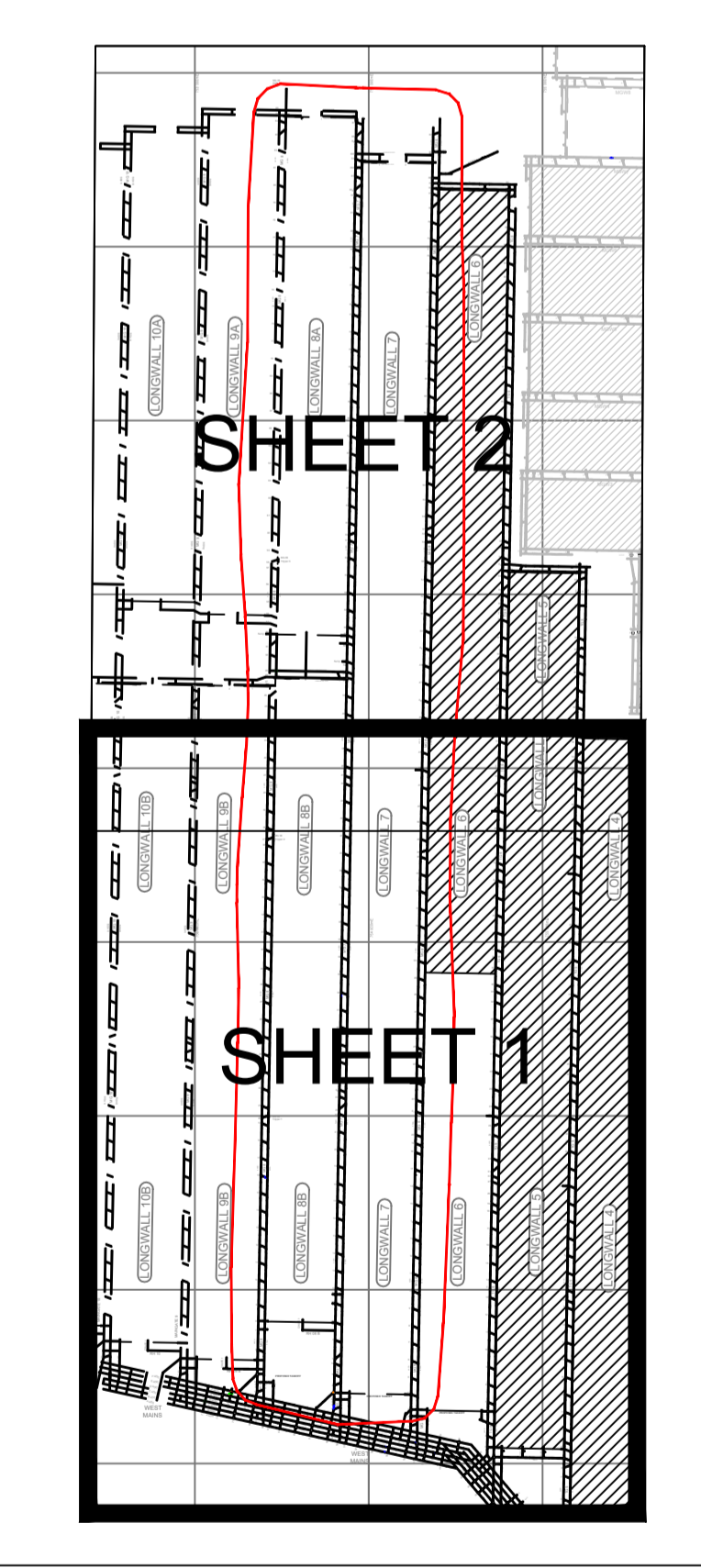
Private Mail Bag 3006, Mudgee, NSW, 2850
ABN 80 000 189 248

EXTRACTION APPLICATION PLANS
ULAN WEST - ULAN SEAM
Plan 3 (Sheet 2 of 2) - Longwall Panels 7 and 8

A0



NOTE: Ulan Seam approx. 8m thick. Working section seam thickness shown.



LEGEND

- Existing Longwalls (as at 01/09/2021)
Ulan No. 2 Workings shown in Grey
- Proposed Longwalls
Ulan No. 2 Workings shown in Grey
- Existing First Workings (as at 01/09/2021)
Ulan No. 2 Workings shown in Grey
- Proposed First Workings
Ulan No. 2 Workings shown in Grey
- Ulan West - Application Area Longwall
Panels 7 and 8

W
E
S
T
M
A
I
N
S

0.0 0.1 0.2 km

Note: Co-ordinate Grid System MGA 2020 Zone 55

LEGEND

- Normal Fault
- Reverse Fault
- Projected Fault
- Overburden Thickness Isopach 5m

I, Murray Wood, Mining Engineering Manager for Ulan West Operations, certify that the information on this plan is a true indication of the proposed development.

Signed (M. Wood) 04/11/2021 Dated

I, Violetta Kaneva, Nominated Mining Surveyor for Ulan West Operations, RT835 certify that the existing (as of 31/10/2021), and proposed mine workings related to Ulan West Operations shown on this plan are true and correct. Other details have been provided by others and has not been verified by me.

Signed (V. Kaneva) 03/11/2021 Dated

GDA 2020

Drawn V Kaneva 03/11/2021

Revision 1

Scale 1:4000 on A0

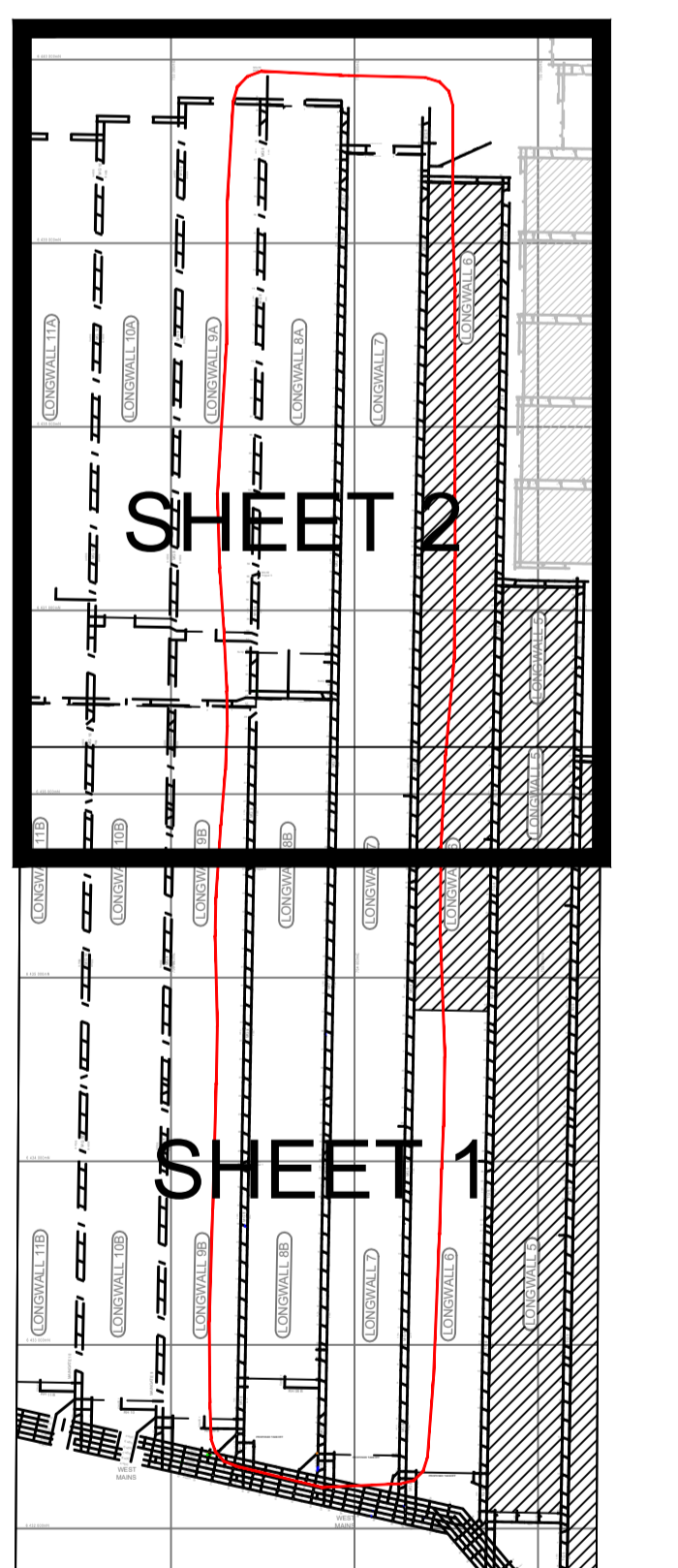
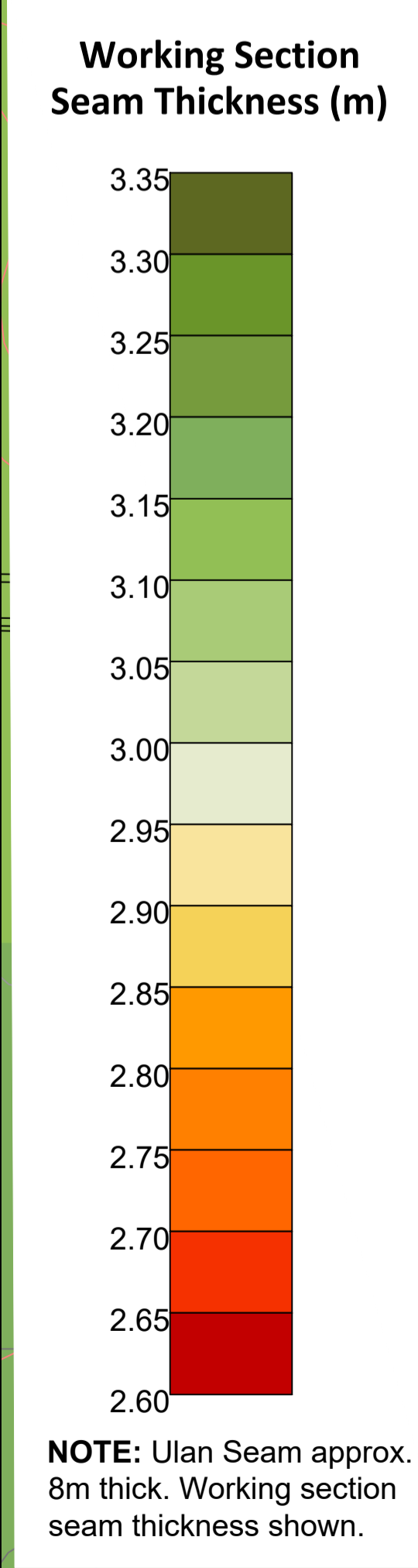
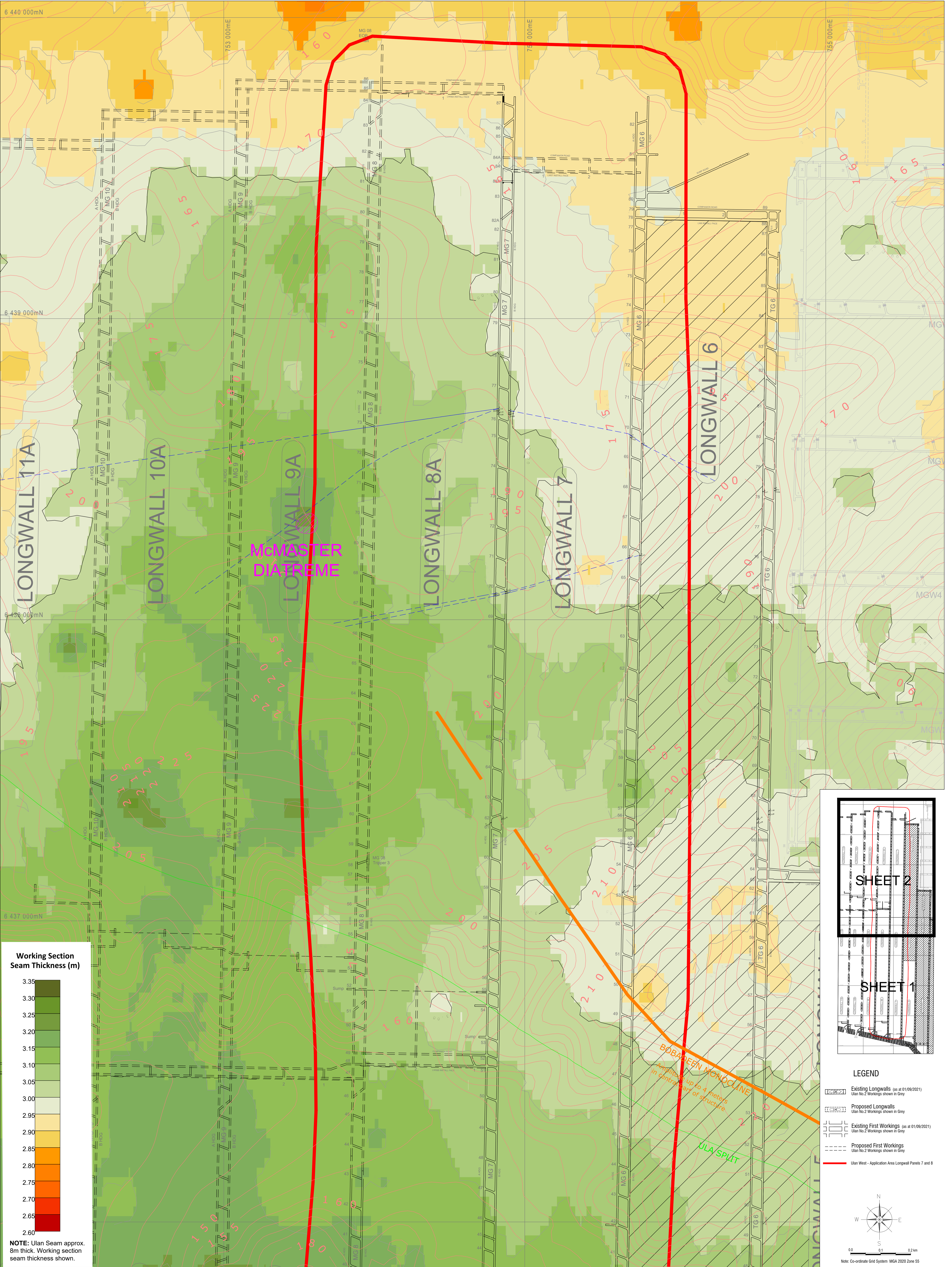
Drawing No. UWO-10-1229

Ulan Coal Mines Limited
ULAN WEST UNDERGROUND
GLENCORE

Private Mail Bag 3006, Mudgee, NSW, 2850
ABN 80 000 189 248

EXTRACTION APPLICATION PLANS
ULAN WEST - ULAN SEAM
Plan 4 (Sheet 1 of 2) - Longwall Panels 7 and 8
No other seams above and/or below

A0



LEGEND

- Existing Longwalls (as at 01/09/2021)
Ulan No.2 Workings shown in Grey
- Proposed Longwalls
- Existing First Workings (as at 01/09/2021)
Ulan No.2 Workings shown in Grey
- Proposed First Workings
- Ulan West - Application Area Longwall Panels 7 and 8

Note: Co-ordinate Grid System MGA 2020 Zone 55

LEGEND

- Normal Fault
- Reverse Fault
- Projected Fault
- Overburden Thickness Isopach 5m

LEGEND

- Normal Fault
- Reverse Fault
- Projected Fault
- Overburden Thickness Isopach 5m

I, Murray Wood, Mining Engineering Manager for Ulan West Operations, certify that the information on this plan is a true indication of the proposed development.

M. Wood 04/11/2021
Signed (M. Wood) Date

I, Violetta Kaneva, Nominated Mining Surveyor for Ulan West Operations, RTGS certify that the existing (as of 31/10/2021) and proposed mine workings related to Ulan West Operations shown on this plan are true and correct. Other details have been provided by others and has not been verified by me.

V. Kaneva 03/11/2021
Signed (V. Kaneva) Date

GDA 2020

Drawn V Kaneva 03/11/2021

Revision 1

Scale 1 : 4000 on A0

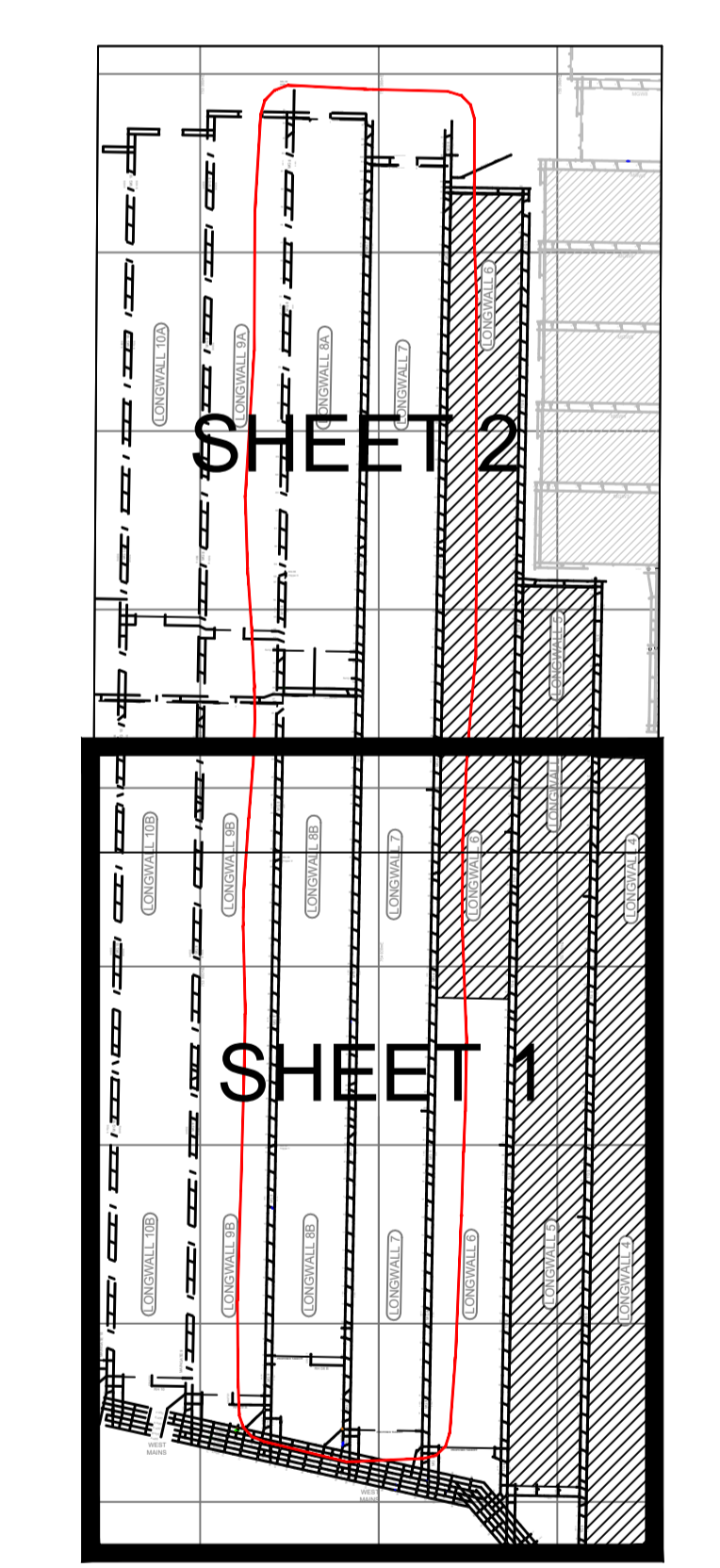
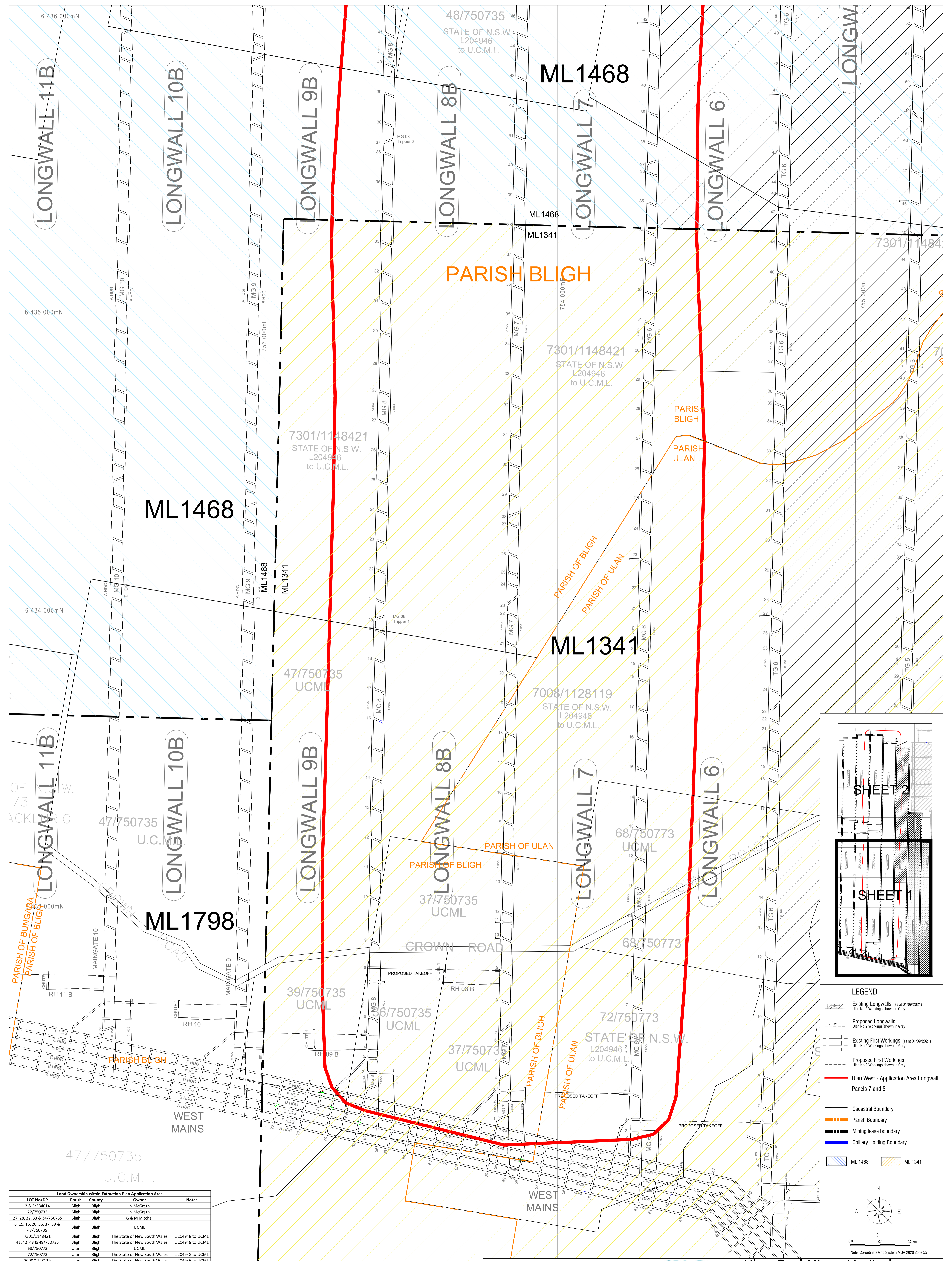
Drawing No. UWO-10-1229

Ulan Coal Mines Limited
ULAN WEST UNDERGROUND

Private Mail Bag 3006, Mudgee, NSW, 2850
ABN 80 000 189 248

EXTRACTION APPLICATION PLANS
ULAN WEST - ULAN SEAM
Plan 4 (Sheet 2 of 2) - Longwall Panels 7 and 8
No other seams above and/or below

A0



LEGEND

- Existing Longwalls (as at 01/09/2021)
Ulan No.2 Workings shown in Grey
- Proposed Longwalls
Ulan No.2 Workings shown in Grey
- Existing First Workings (as at 01/09/2021)
Ulan No.2 Workings shown in Grey
- Proposed First Workings
Ulan No.2 Workings shown in Grey
- Ulan West - Application Area Longwall
Panels 7 and 8
- Cadastral Boundary
- Parish Boundary
- Mining lease boundary
- Colliery Holding Boundary
- ML 1468
- ML 1341

Scale: 0.0 0.1 0.2 km

Note: Co-ordinate Grid System MGA 2020 Zone 55

Land Ownership within Extraction Plan Application Area

LOT No/Op	Parish	County	Owner	Notes
2 & 3/34014	Bligh	Bligh	N McGrath	
22/750735	Bligh	Bligh	G & M Mitchel	
27, 28, 32, 33 & 34/750735	Bligh	Bligh	UCML	
6, 15, 16, 20, 36, 37, 39 & 47/750735	Bligh	Bligh	The State of New South Wales	L 204948 to UCML
7301/1148421	Bligh	Bligh	The State of New South Wales	L 204948 to UCML
41, 42, 43 & 48/750735	Bligh	Bligh	UCML	
68/750773	Ulan	Bligh	The State of New South Wales	L 204948 to UCML
72/750773	Ulan	Bligh	The State of New South Wales	L 204948 to UCML
7008/1128119	Ulan	Bligh	The State of New South Wales	L 204946 to UCML

Schedule of Mining Leases within Extraction Plan Application Area

Lease No.	Area (ha)	Date Granted	Period of Lease	Purpose	Parish	County	Lease Conditions (Subsidence)	Notes:
ML1341	2924	25/01/1994	25/01/2036	Extraction of coal	Bligh, Bobadeen & Ulan	Bligh	No subsidence specific conditions	Subsurface to 900m bellow AHD, except surface to 20 metres
ML1468	6120	16/05/2000	16/05/2042	Extraction of coal	Bligh / Bobadeen / Bungaba & Curryall	Bligh	No subsidence specific conditions	Subsurface to 900m bellow AHD, except surface to 20 metres

I, Murray Wood, Mining Engineer, Manager for Ulan West Operations, certify that the information on this plan is a true indication of the proposed development.

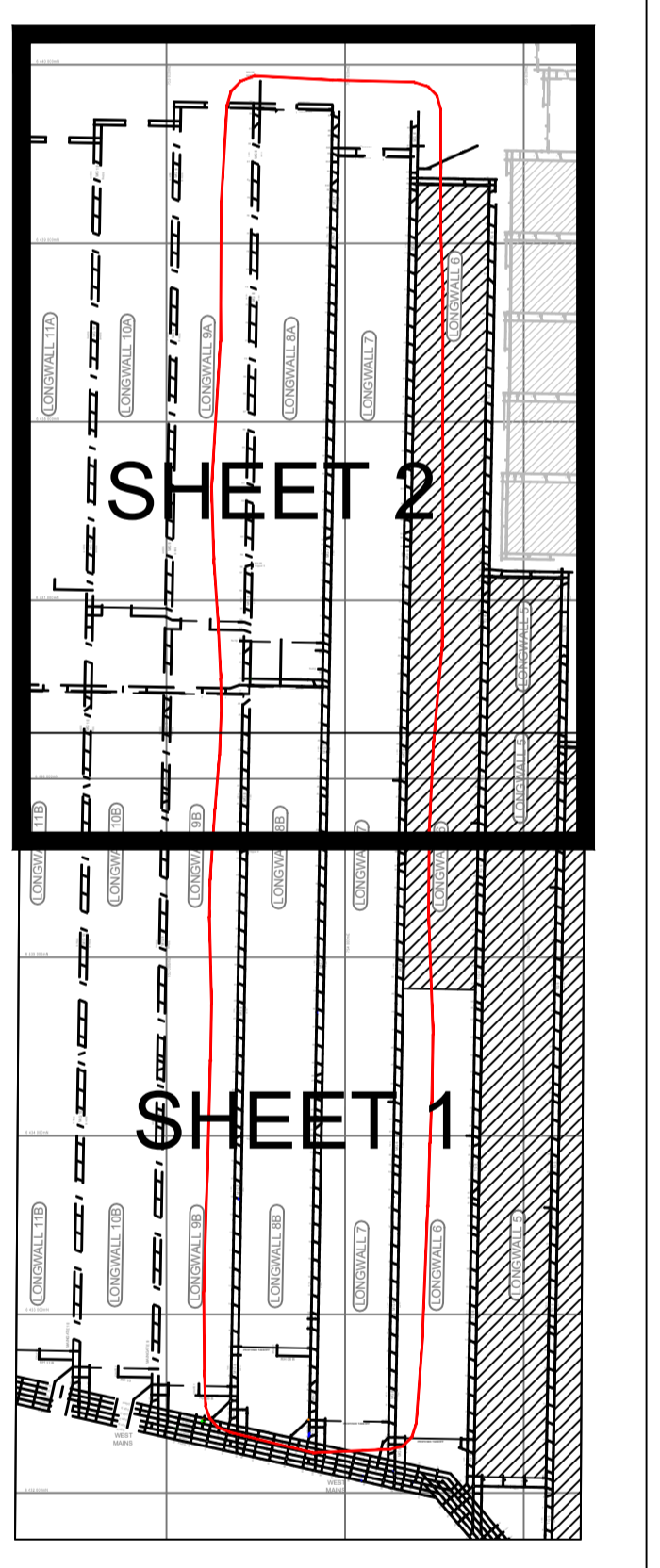
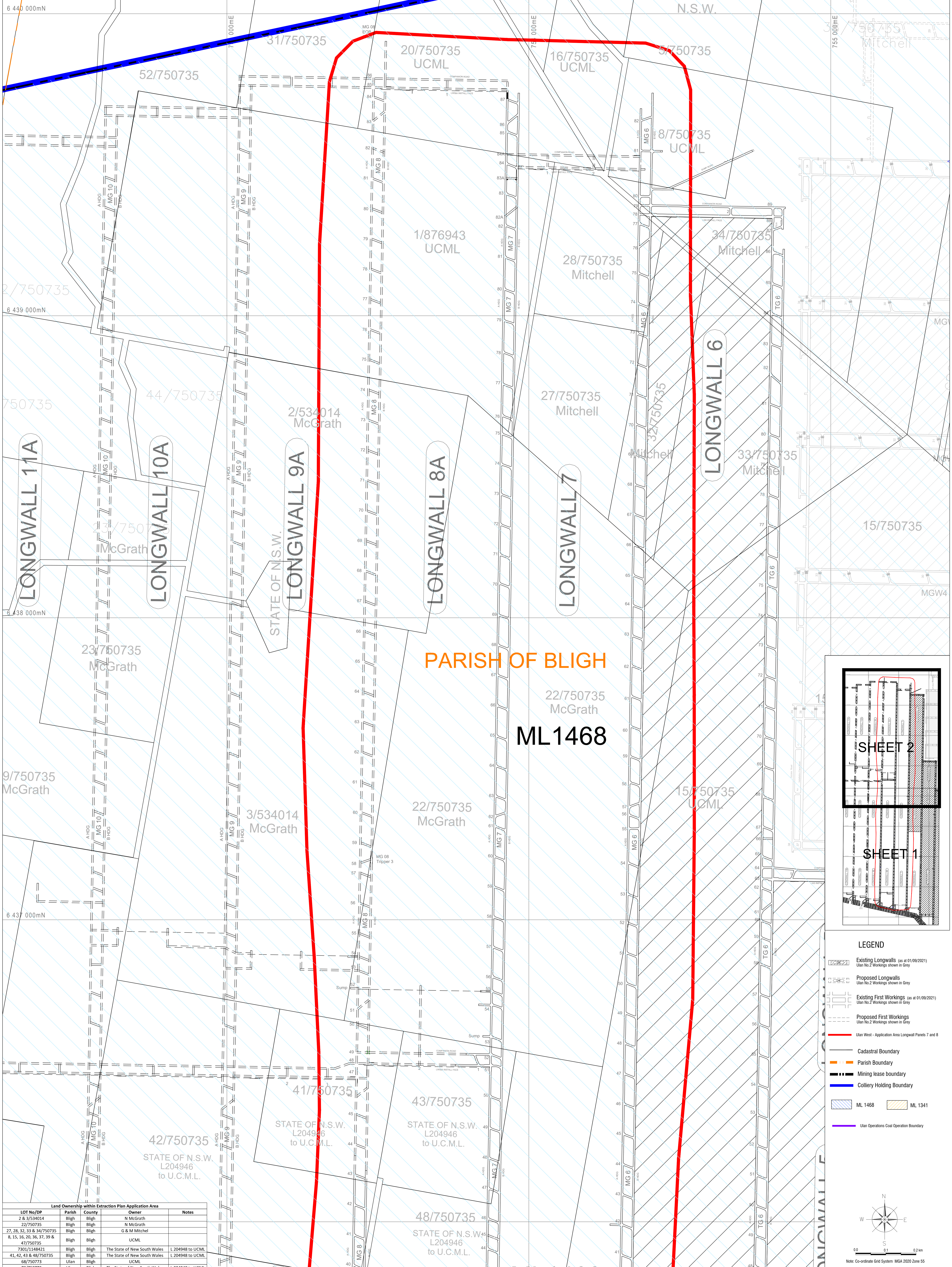
Signed (M. Wood) *M. Wood* 04/11/2021
 Signed (V. Kaneva) *V. Kaneva* 03/11/2021

GDA 2020

Drawn: V Kaneva 03/11/2021
 Scale: 1:4000 on A0
 Drawing No: UWO-10-1230

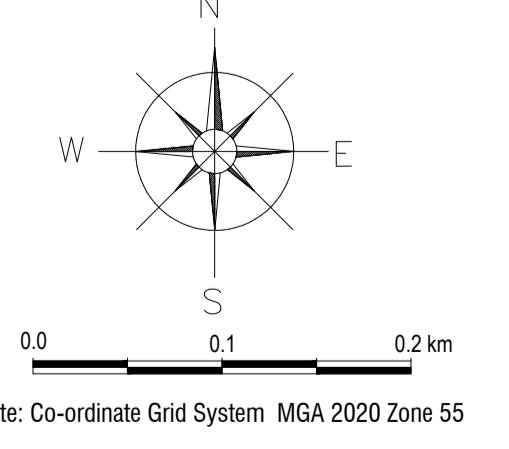
Ulan Coal Mines Limited
 ULAN WEST UNDERGROUND
 Private Mail Bag 3006, Mudgee, NSW, 2850
 ABN 80 000 189 248
 EXTRACTION APPLICATION PLANS
 ULAN WEST - ULAN SEAM
 Plan 5 (Sheet 1 of 2) - Longwall Panels 7 and 8

A0



LEGEND

- Existing Longwalls (as at 01/09/2021)
Ulan No.2 Workings shown in Grey
- Proposed Longwalls
Ulan No.2 Workings shown in Grey
- Existing First Workings (as at 01/09/2021)
Ulan No.2 Workings shown in Grey
- Proposed First Workings
Ulan No.2 Workings shown in Grey
- Ulan West - Application Area Longwall Panels 7 and 8
- Cadastral Boundary
- Parish Boundary
- Mining lease boundary
- Colliery Holding Boundary
- ML 1468
- ML 1341
- Ulan Operations Coal Operation Boundary



Land Ownership within Extraction Plan Application Area

LOT No/DP	Parish	County	Owner	Notes
2 & 3/534014	Bligh	Bligh	N McGrath	
22/750735	Bligh	Bligh	N McGrath	
27, 28, 32, 33 & 34/750735	Bligh	Bligh	G & M Mitchel	
8, 15, 16, 20, 36, 37, 39 & 47/750735	Bligh	Bligh	UCML	
7305/1148421	Bligh	Bligh	The State of New South Wales	L 204948 to UCML
41, 42, 43 & 48/750735	Bligh	Bligh	The State of New South Wales	L 204948 to UCML
68/750773	Ulan	Bligh	UCML	
72/750773	Ulan	Bligh	The State of New South Wales	L 204948 to UCML
7006/1128119	Ulan	Bligh	The State of New South Wales	L 204946 to UCML

Schedule of Mining Leases within Extraction Plan Application Area

Lease No.	Area (ha)	Date Granted	Period of Lease	Purpose	Parish	County	Lease Conditions (Subsidence)	Notes:
ML1341	2924	25/01/1994	25/01/2036	Extraction of coal	Bligh, Bobadeen & Ulan	Bligh	No subsidence specific conditions	Subsurface to 900m below AHD, except surface to 20 metres
ML1468	6120	16/05/2000	16/05/2042	Extraction of coal	Bligh / Bobadeen / Bungaba & Curryall	Bligh	No subsidence specific conditions	Subsurface to 900m below AHD, except surface to 20 metres

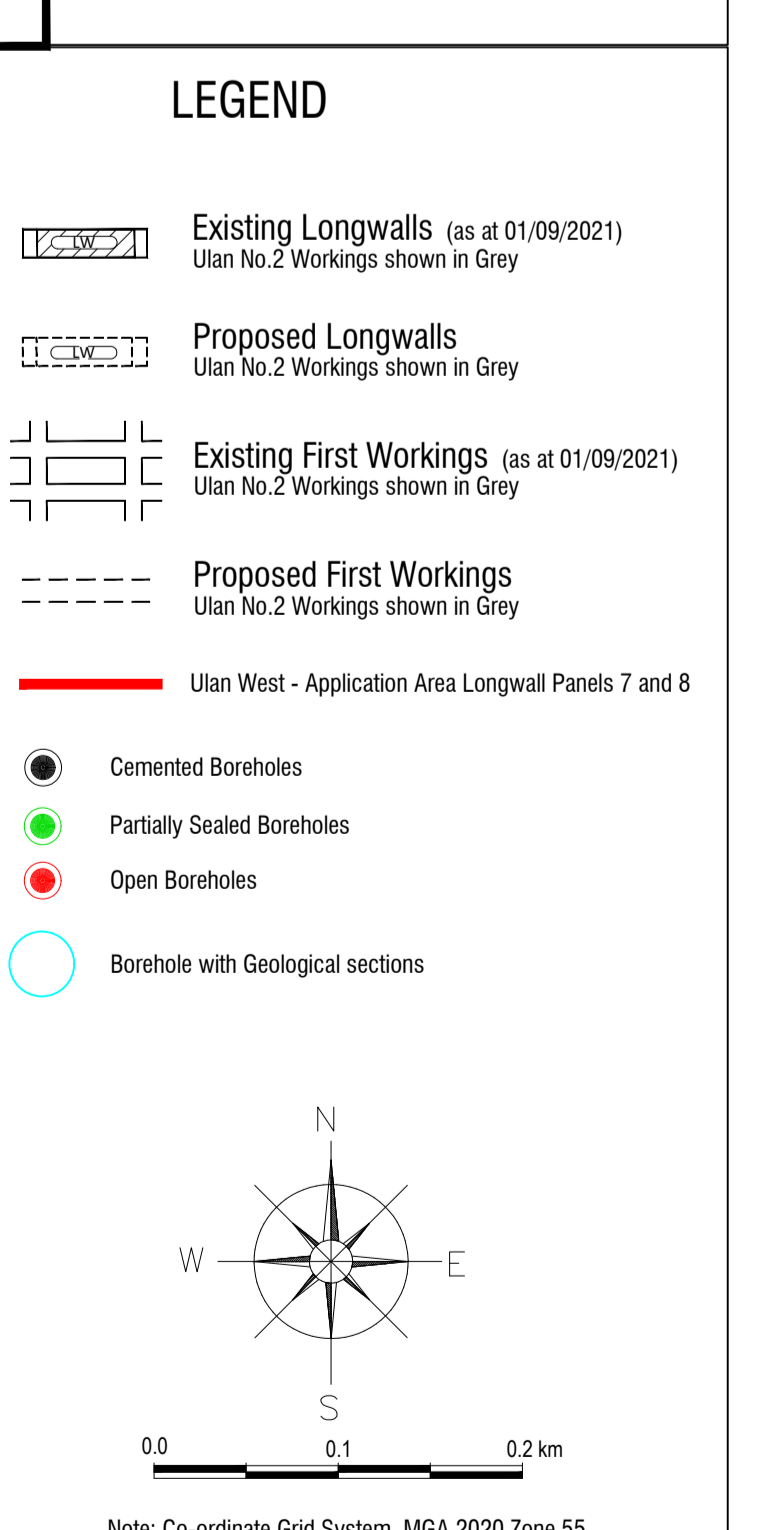
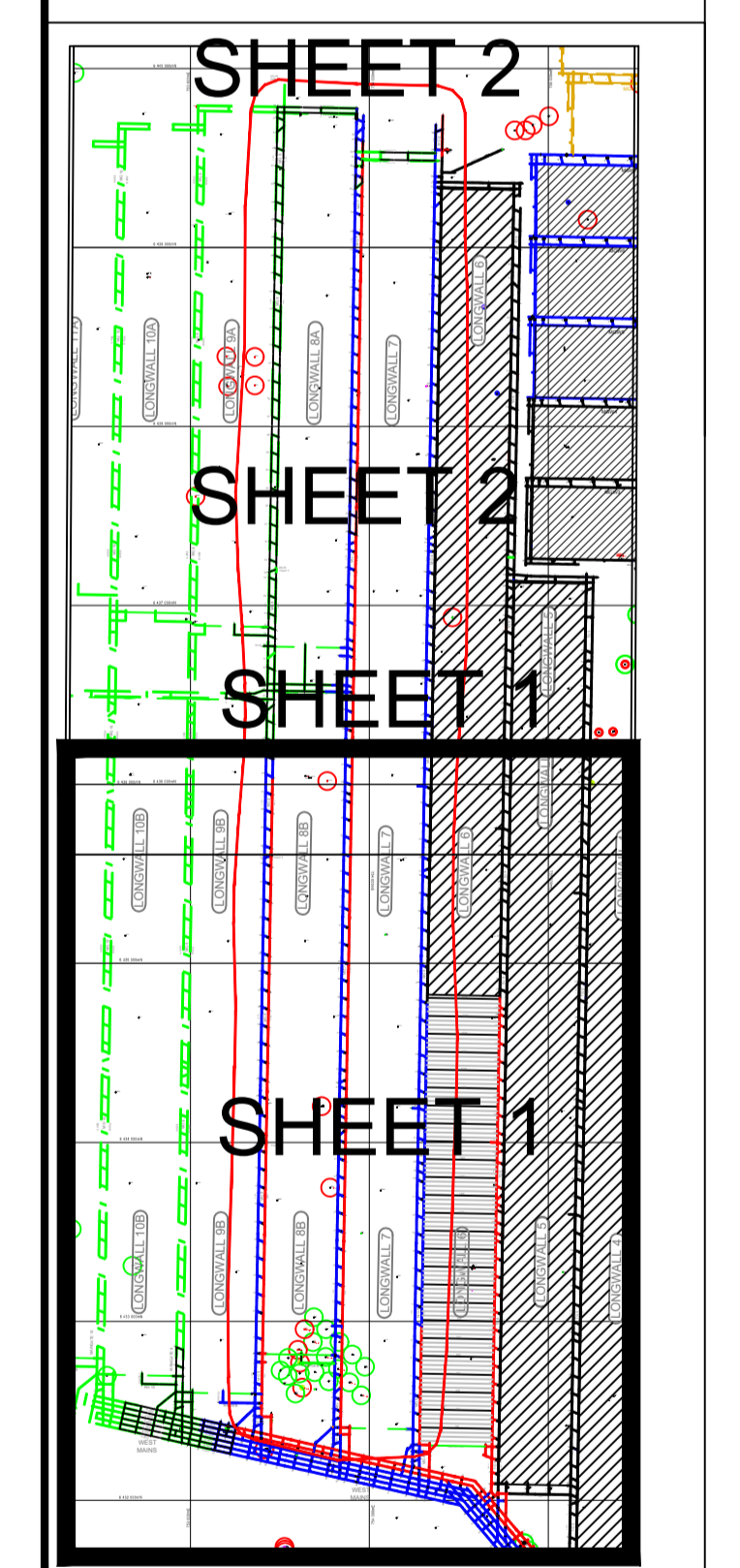
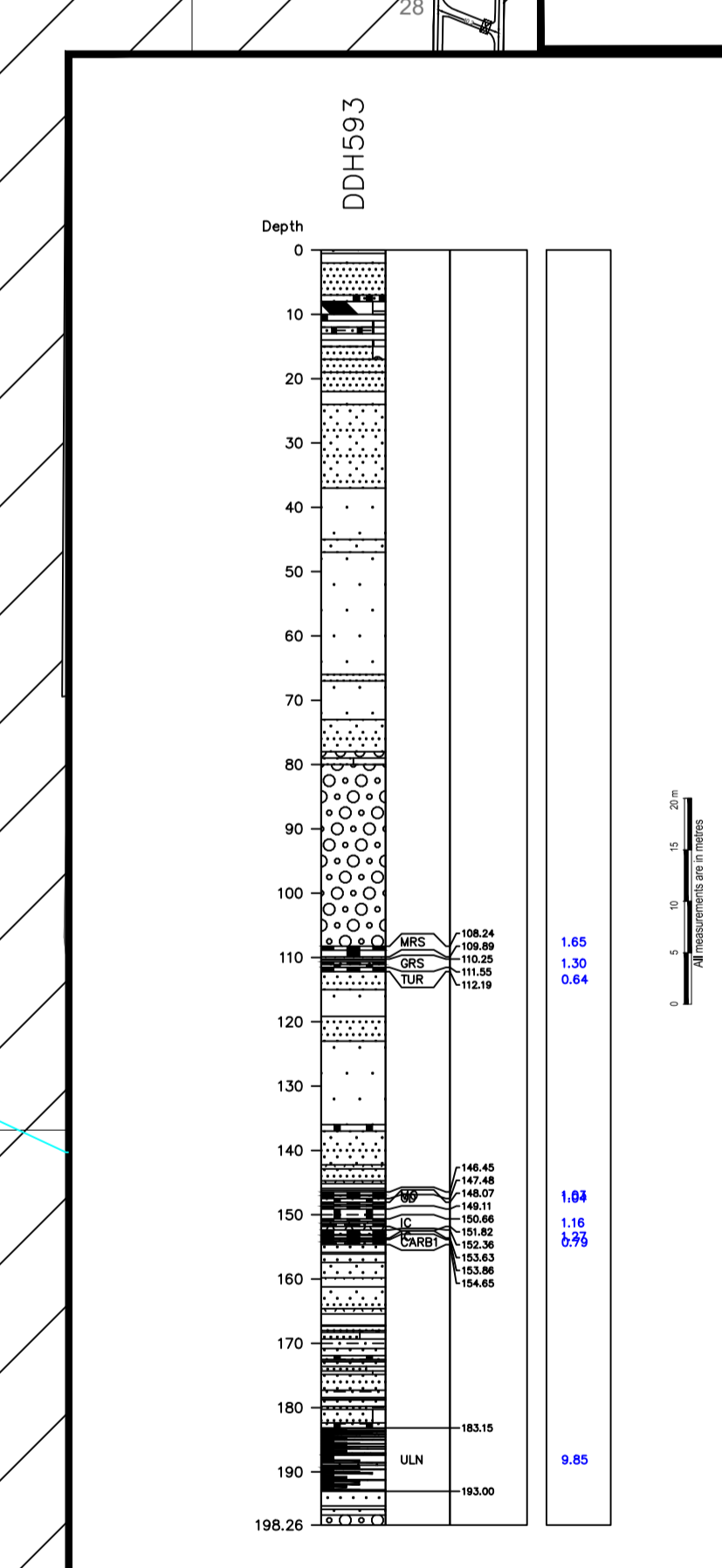
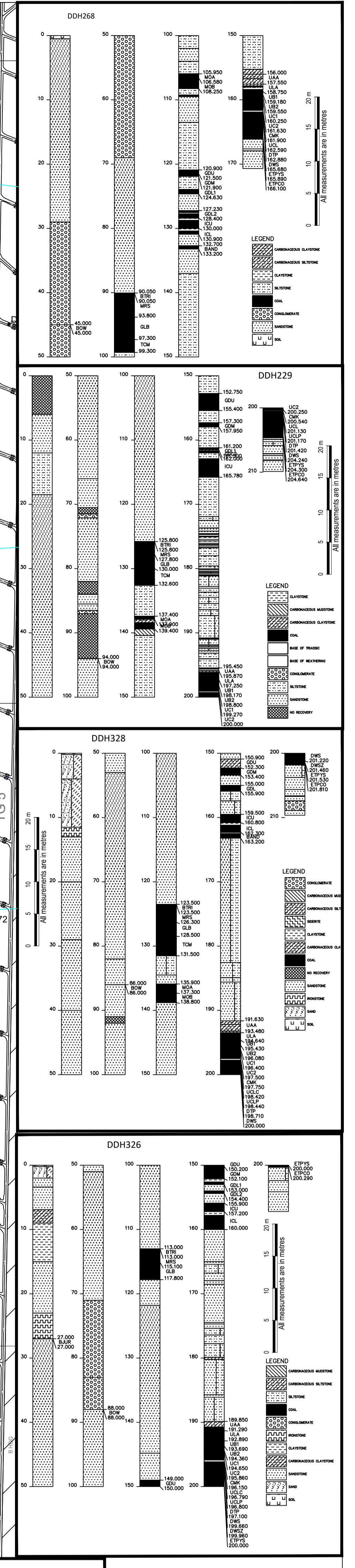
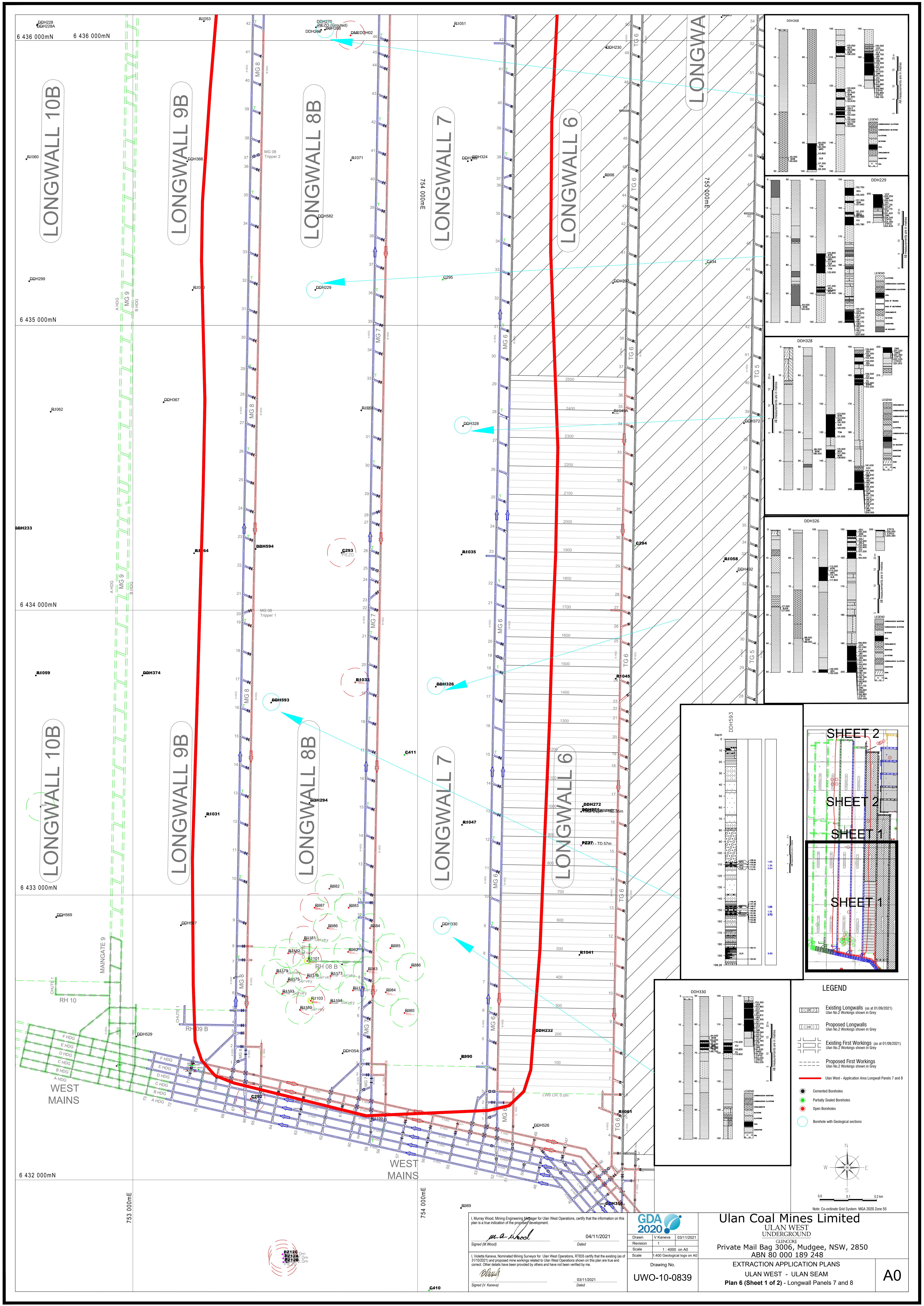
I, Murray Wood, Mining Engineering Manager for Ulan West Operations, certify that the information on this plan is a true indication of the proposed development.

Signed (M Wood) 04/11/2021
 Signed (V Kaneva) 03/11/2021

Drawn V Kaneva 03/11/2021
 Revision 1
 Scale 1:4000 on A0
 Drawing No. UWO-10-1230

Ulan Coal Mines Limited
 ULAN WEST UNDERGROUND
 EXTRACTOR
 Private Mail Bag 3006, Mudgee, NSW, 2850
 ABN 80 000 189 248
 EXTRACTION APPLICATION PLANS
 ULAN WEST - ULAN SEAM
 Plan 5 (Sheet 2 of 2) - Longwall Panels 7 and 8

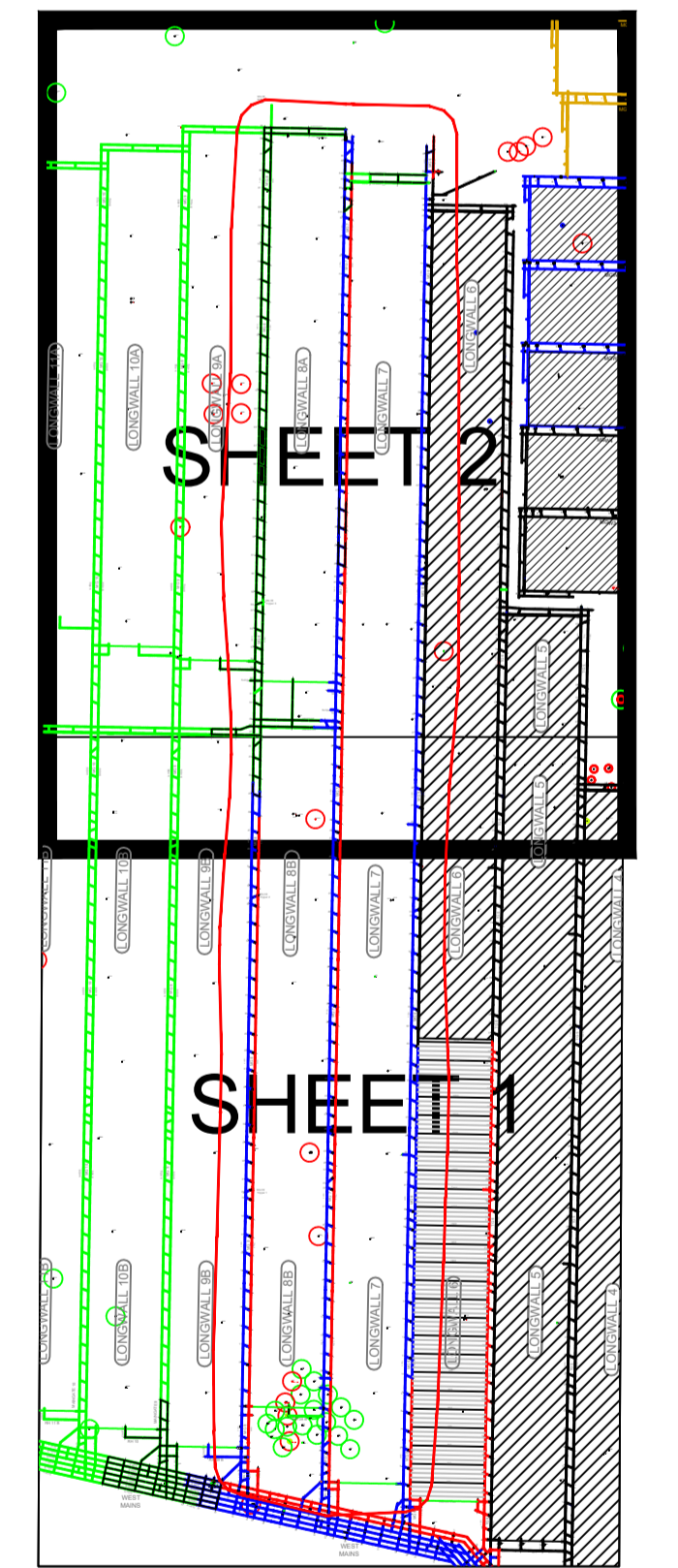
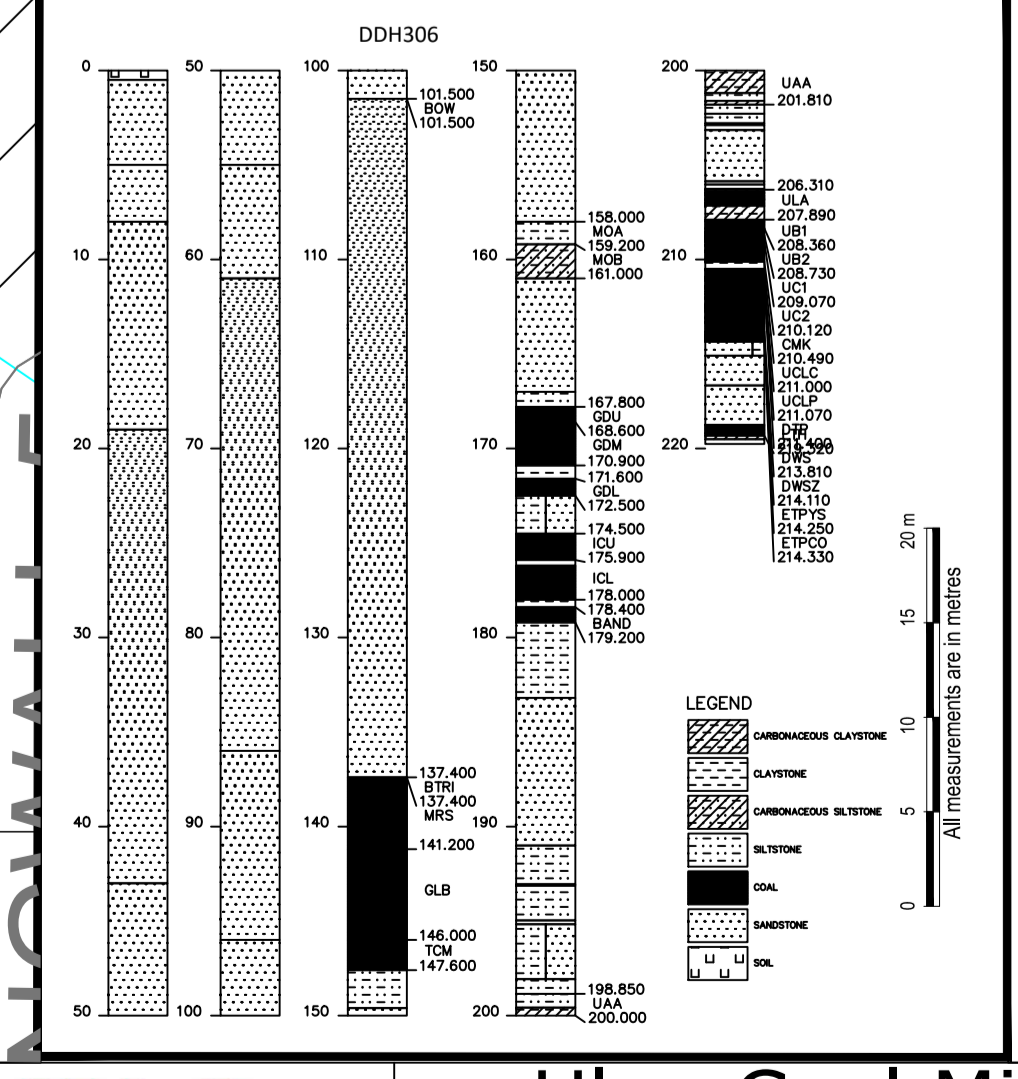
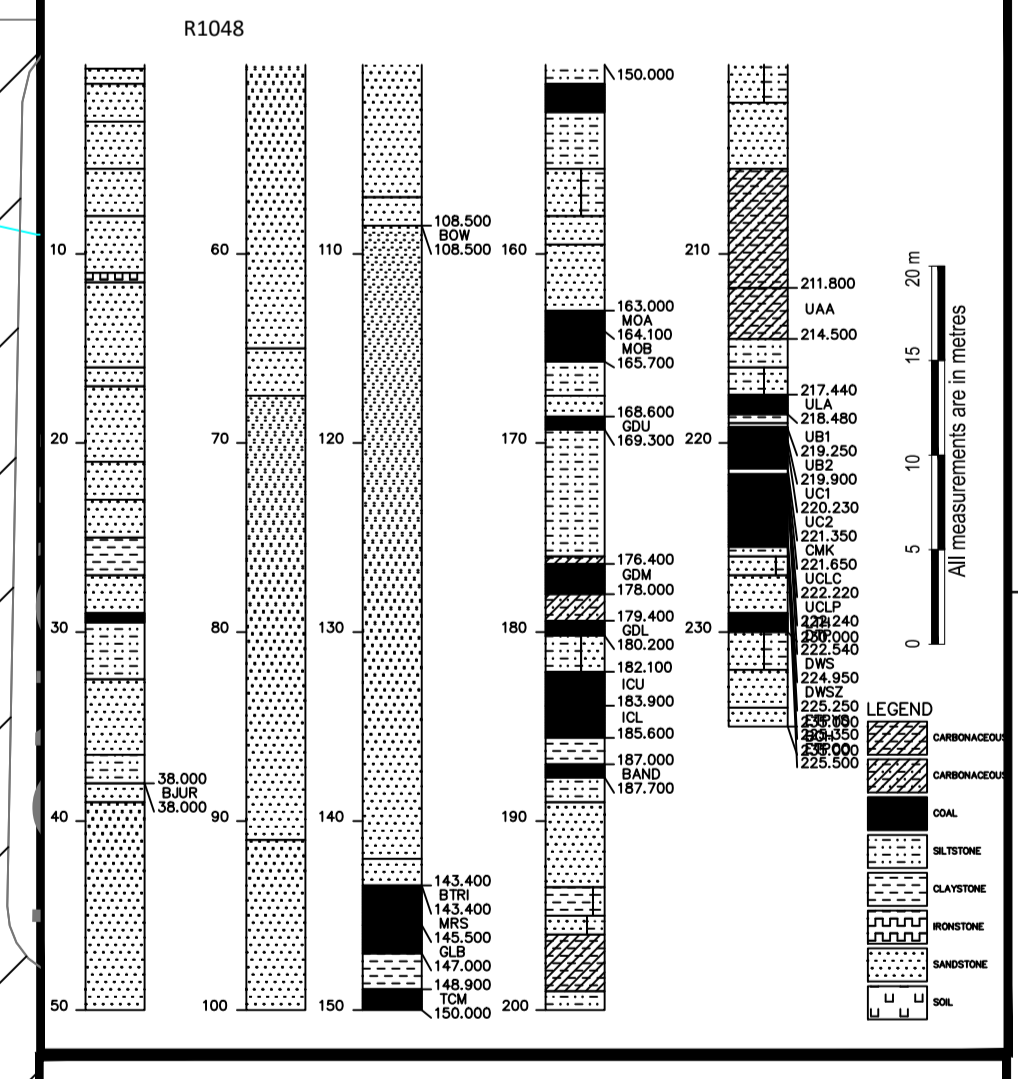
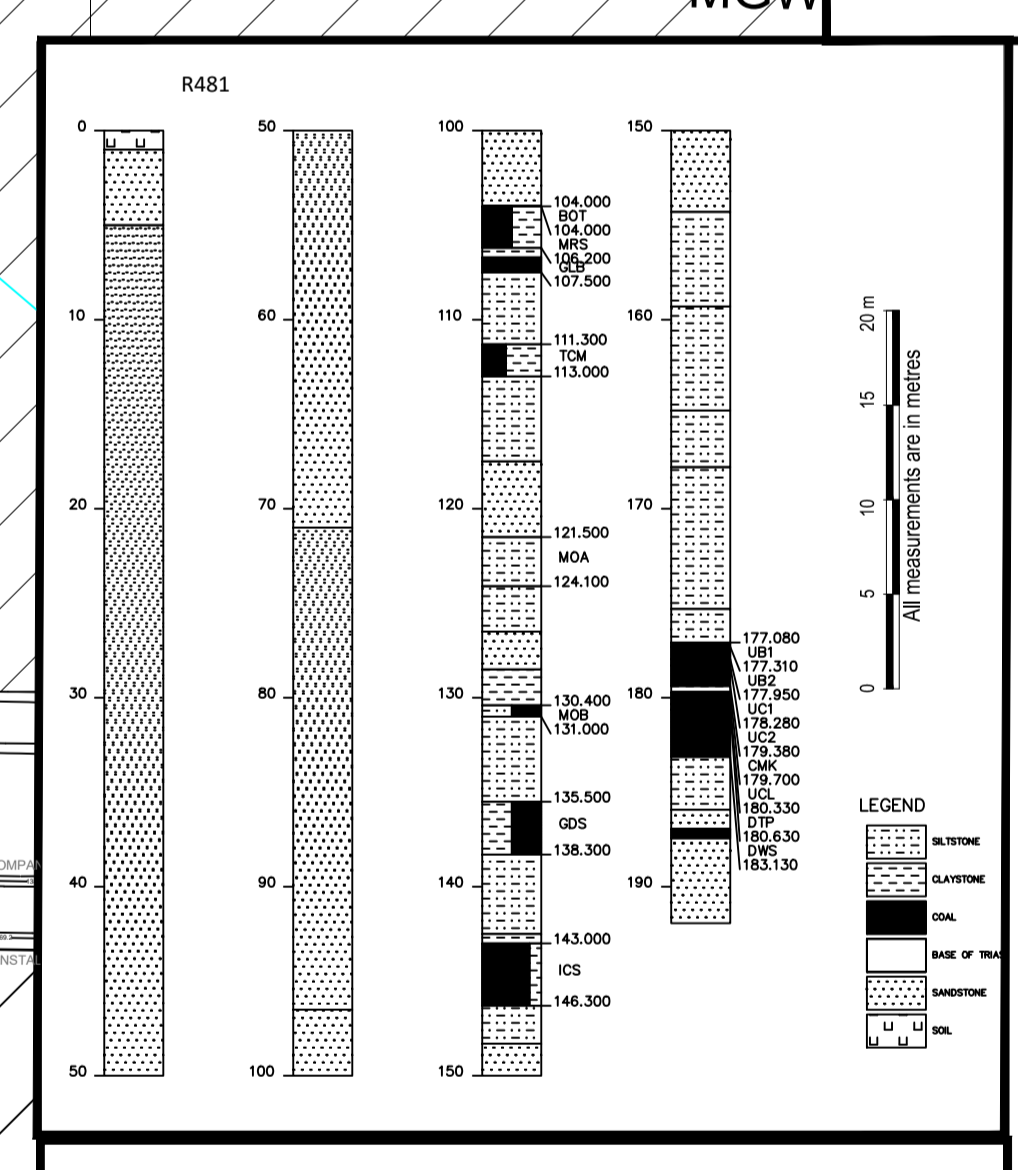
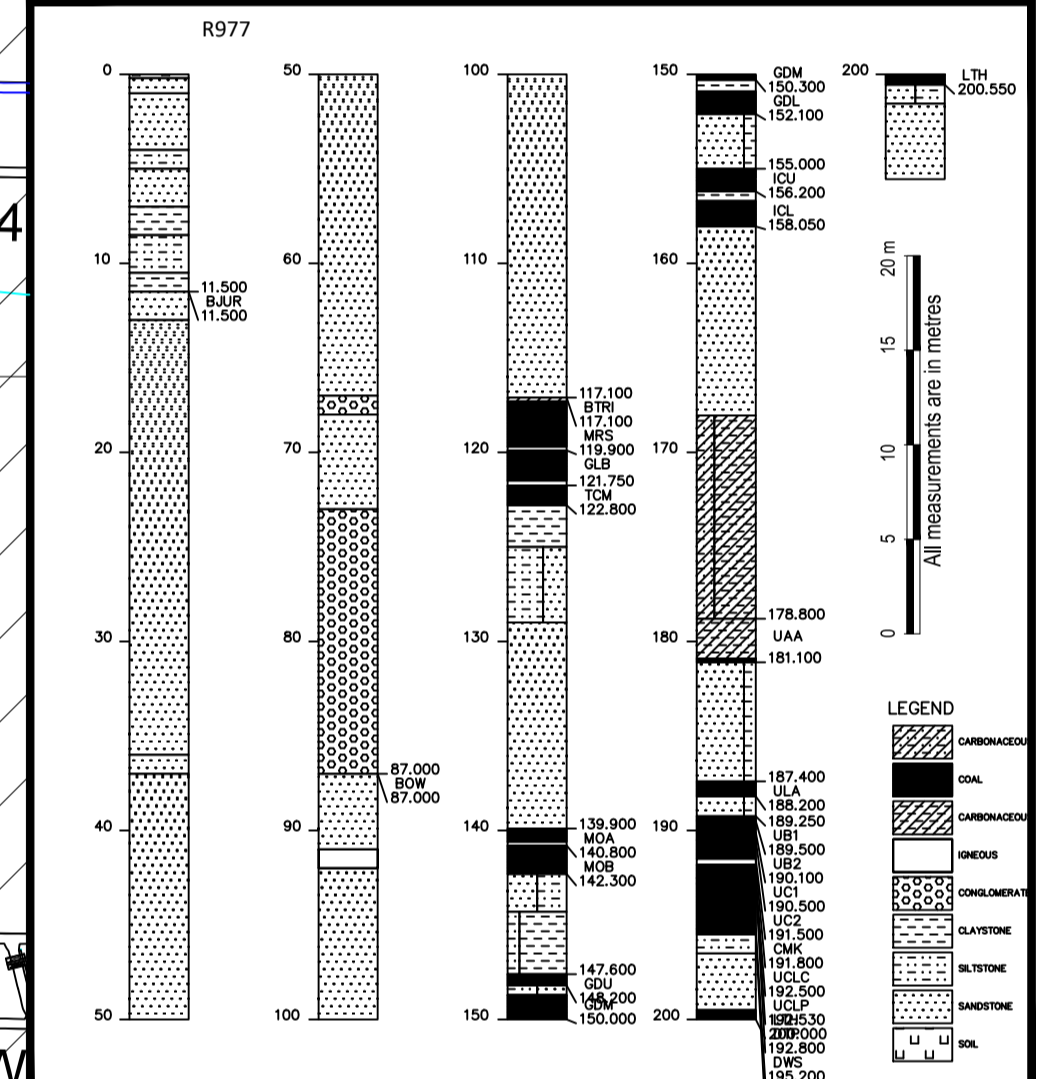
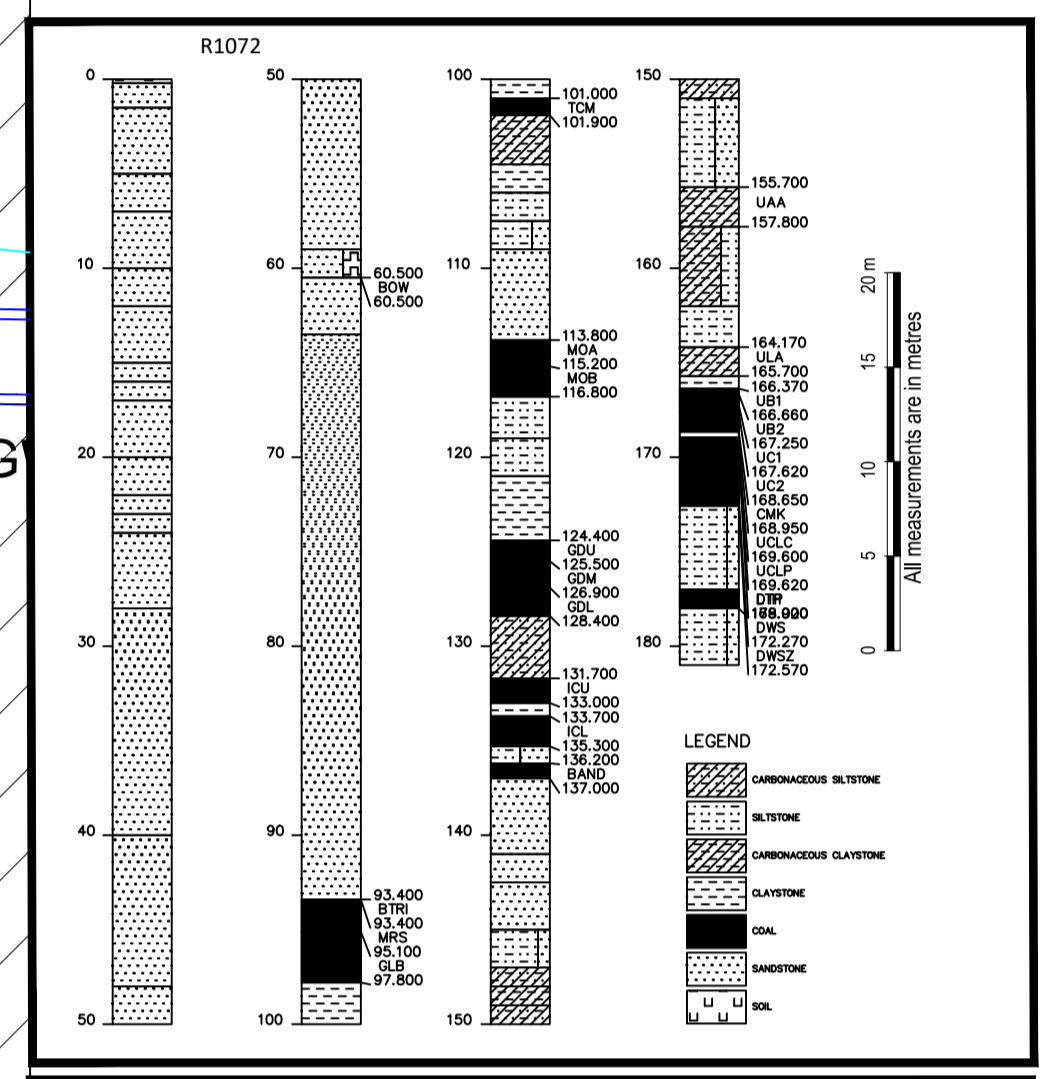
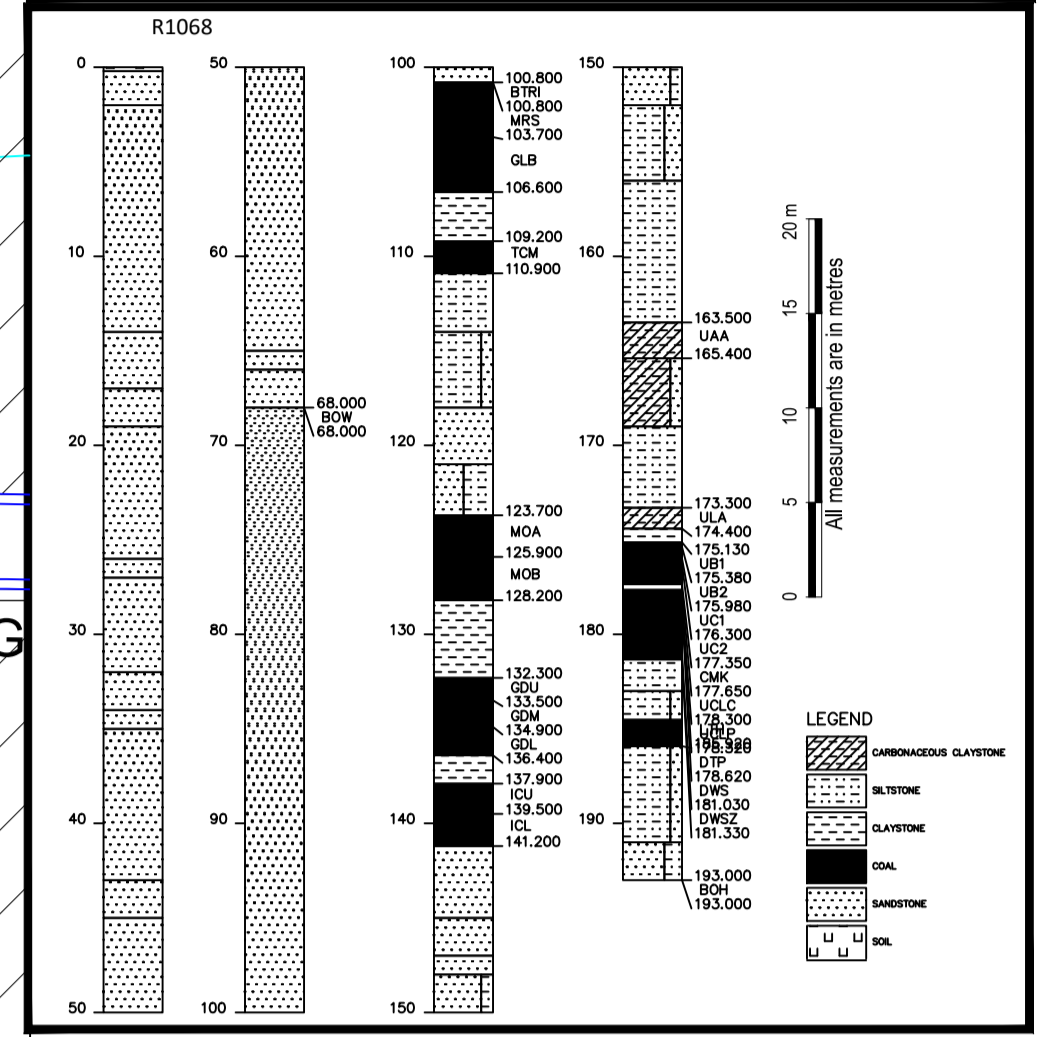
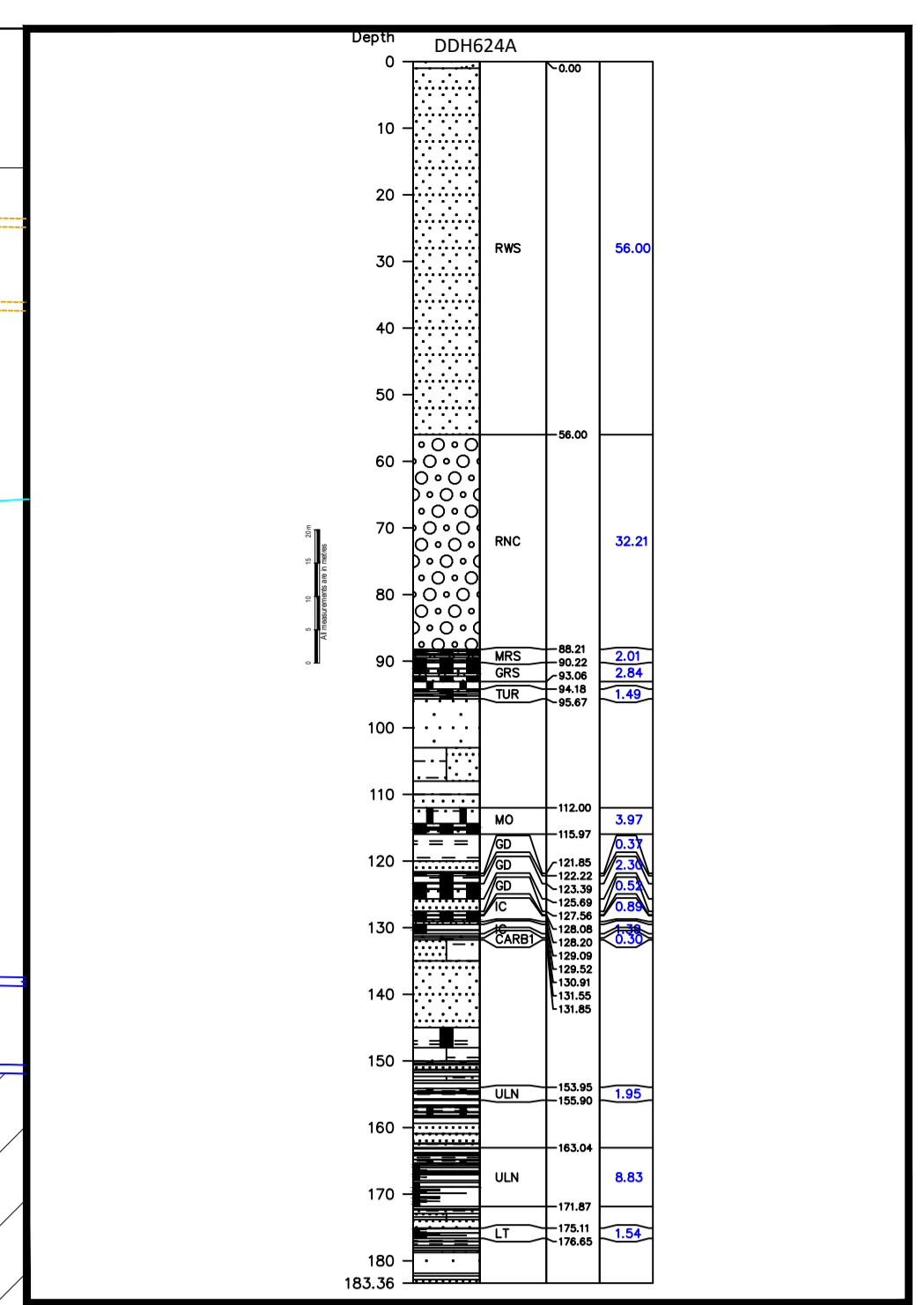
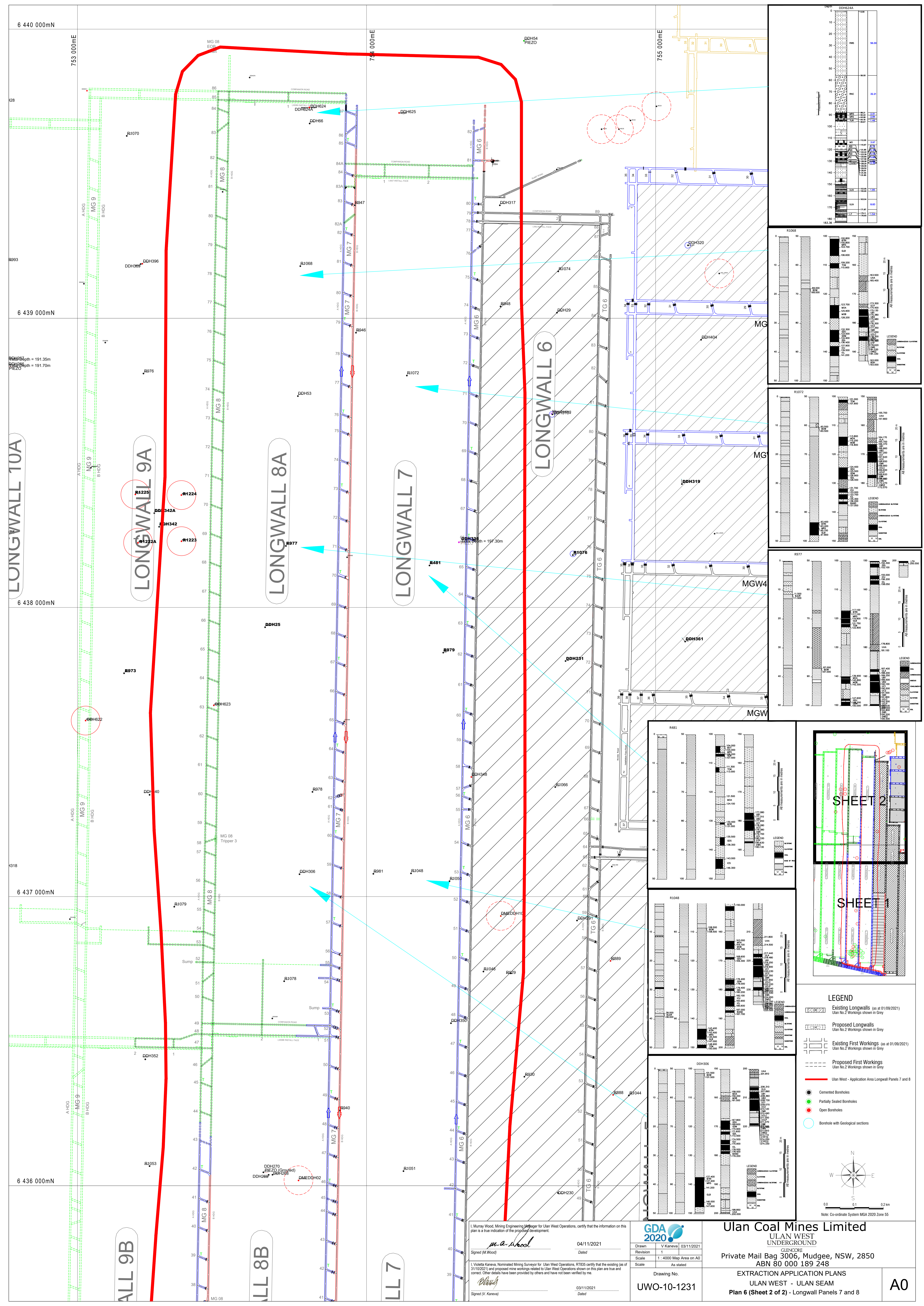
A0



I, Murray Wood, Mining Engineering Manager for Ulan West Operations, certify that the information on this plan is a true indication of the proposed development.		04/11/2021	
Signed (M. Wood)		Dated	
I, Violeta Kaneva, Nominated Mining Surveyor for Ulan West Operations, RT335 certify that the existing gas of 31/10/2021 and proposed mine workings related to Ulan West Operations shown on this plan are true and correct. Other details have been provided by others and have not been verified by me.		03/11/2021	
Signed (V. Kaneva)		Dated	
GDA 2020		03/11/2021	
Drawn V Kaneva		Revisions 1	
Scale 1:4000 on A0		Scale 1:400 Geotechnical logs on A0	
Drawing No. UWO-10-0839		Date	

Ulan Coal Mines Limited
ULAN WEST UNDERGROUND
GLENORE
Private Mail Bag 3006, Mudgee, NSW, 2850
ABN 80 000 189 248
EXTRACTION APPLICATION PLANS
ULAN WEST - ULAN SEAM
Plan 6 (Sheet 1 of 2) - Longwall Panels 7 and 8

A0



LEGEND

- Existing Longwalls (as at 01/09/2021)
Ulan No.2 Workings shown in Grey
- Proposed Longwalls
Ulan No.2 Workings shown in Grey
- Existing First Workings (as at 01/09/2021)
Ulan No.2 Workings shown in Grey
- Proposed First Workings
Ulan No.2 Workings shown in Grey
- Ulan West - Application Area Longwall Panels 7 and 8
- Cemented Boreholes
- Partially Sealed Boreholes
- Open Boreholes
- Borehole with Geological sections

Scale: 0.0 0.1 0.2 km

Note: Co-ordinate System MGA 2020 Zone 55

I, Murray Wood, Mining Engineering Manager for Ulan West Operations, certify that the information on this plan is a true indication of the proposed development.

Signed (M. Wood) 04/11/2021 Dated

I, Violeta Kaneva, Nominated Mining Surveyor for Ulan West Operations, RT35 certify that the existing (as of 31/10/2021) and proposed mine workings related to Ulan West Operations shown on this plan are true and correct. Other details have been provided by others and have not been verified by me.

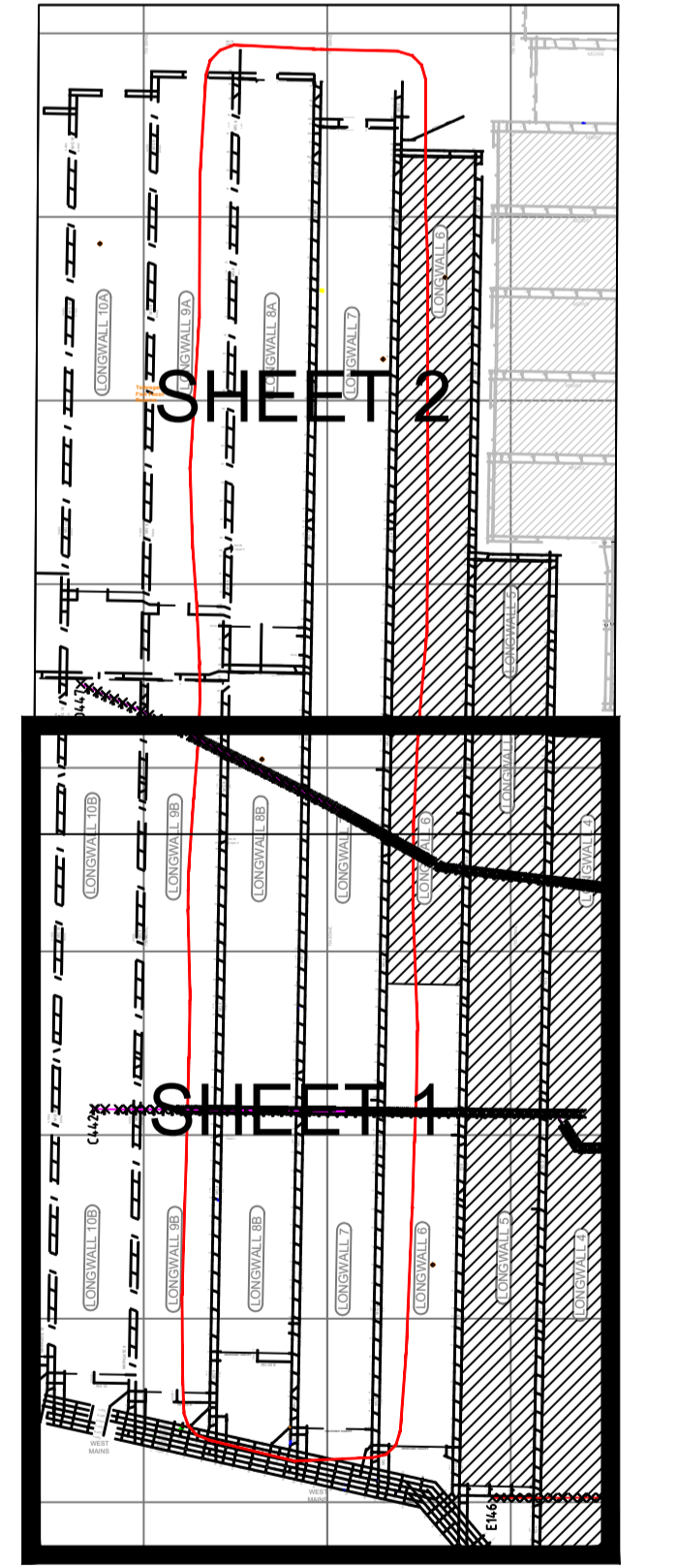
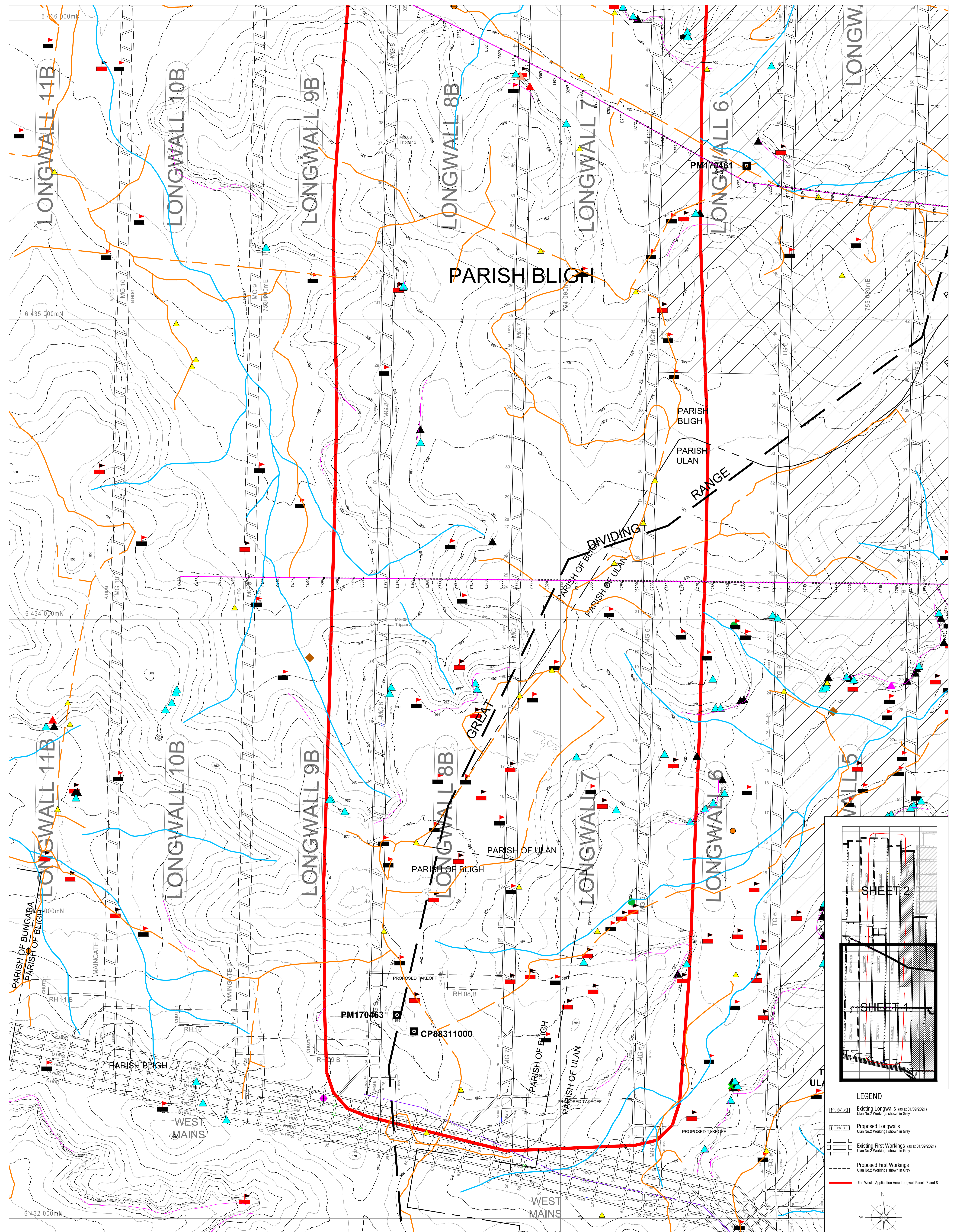
Signed (V. Kaneva) 03/11/2021 Dated

UDA 2020

Drawn: V. Kaneva 03/11/2021
 Revision: 1: 4000 Map Area on A0
 Scale: As stated
 Drawing No.: UWO-10-1231

Ulan Coal West Limited
 ULAN WEST UNDERGROUND
 GLENORE
 Private Mail Bag 3006, Mudgee, NSW, 2850
 ABN 80 000 189 248
 EXTRACTION APPLICATION PLANS
 ULAN WEST - ULAN SEAM
 Plan 6 (Sheet 2 of 2) - Longwall Panels 7 and 8

A0



LEGEND

- Existing Longwalls (as at 01/09/2021)
Ulan No. 2 Workings shown in Grey
- Proposed Longwalls
Ulan No. 2 Workings shown in Grey
- Existing First Workings (as at 01/09/2021)
Ulan No. 2 Workings shown in Grey
- Proposed First Workings
Ulan No. 2 Workings shown in Grey
- Ulan West - Application Area Longwall Panels 7 and 8

0.0 0.1 0.2 km
North
West East South
Note: Co-ordinate Grid System MGA 2020 Zone 55

Aboriginal, Heritage and Other Sites

- Artefact Scatter
- Isolated Find
- Grinding Groove
- Grinding Groove and Artefact Scatter
- Ochre Quarry
- European Site
- Threatened Fauna Species
- Waterhole/Well
- Stone Arrangement
- Rockshelter with Art and Artefacts
- Rockshelter with Art and Grinding Grooves and Artefacts
- Rockshelter with Artefacts
- Rockshelter with Grinding Grooves
- Rockshelter with Grinding Grooves and Artefacts
- Rockshelter with PAD
- Scarred Tree
- Scarred Tree and Artefact Scatter

Groundwater Monitoring Sites

- Groundwater Bore
- Northern Monitoring Network
- Brokenback Conservation Area
- Water Course
- Surface Dam
- Surface Track
- Surface Contours

Infrastructure

- Existing Power Line
- Existing Essential Energy Power Line
- Existing Water Pipeline
- Ventilation Shaft/Fans
- Substation
- Dewatering Infrastructure
- Subsidence Monitoring Line (Marks shown as a cross with a number)
- Registered Survey Mark (Mark No. Shown)

I, Murray Wood, Mining Engineering Manager for Ulan West Operations, certify that the information on this plan is a true indication of the proposed development.

M. Wood 04/11/2021
Signed (M. Wood) Dated

I, Violetta Kaneva, Nominated Mining Surveyor for Ulan West Operations, RT835 certify that the existing (as of 31/10/2021), and proposed mine workings related to Ulan West Operations shown on this plan are true and correct. Other details have been provided by others and have not been verified by me.

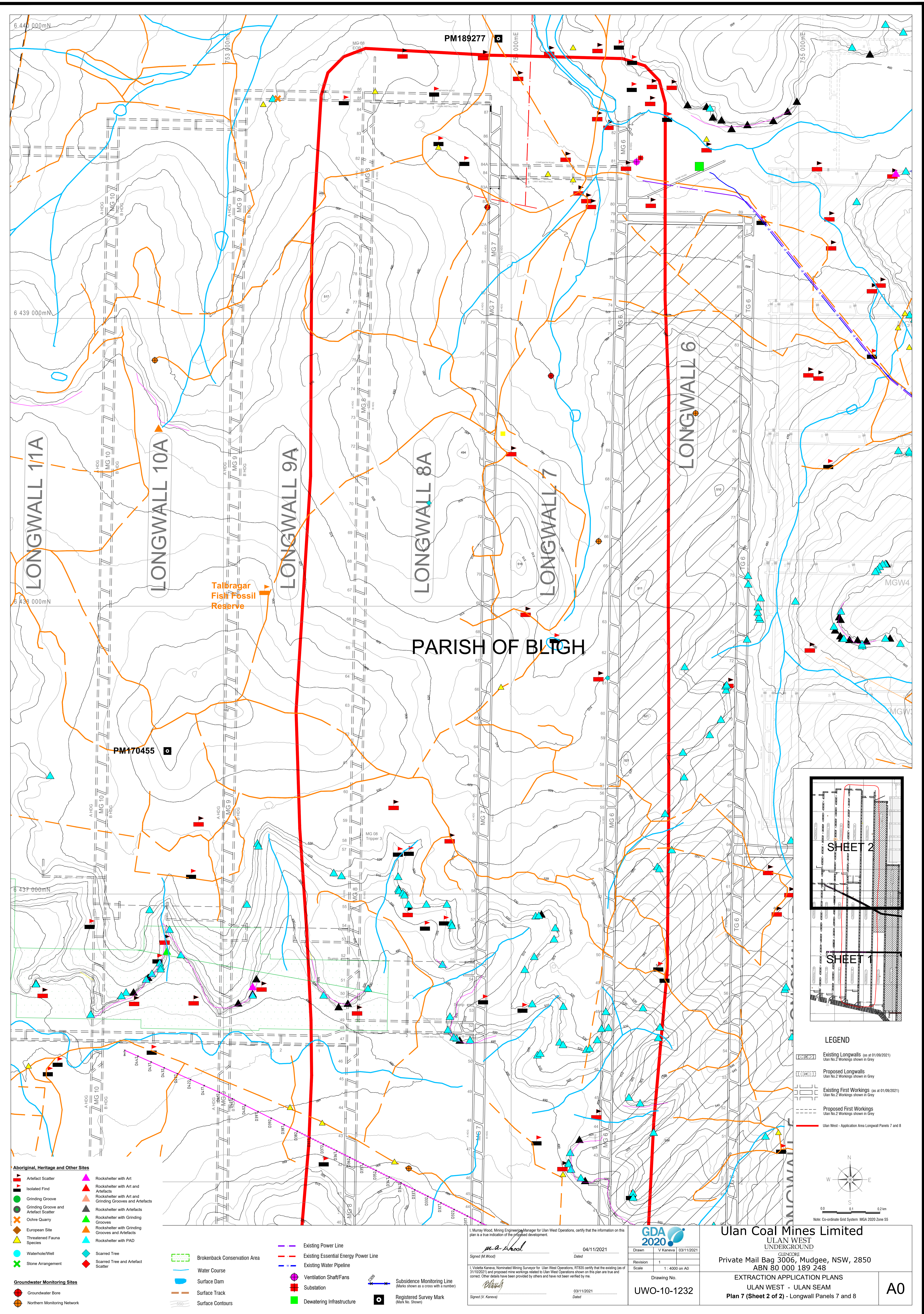
V. Kaneva 03/11/2021
Signed (V. Kaneva) Dated

Drawn	V. Kaneva	03/11/2021
Revision	1	
Scale	1:4000 on A0	
Drawing No.	UWO-10-1232	

Ulan Coal Mines Limited
ULAN WEST UNDERGROUND
GLENCORE
Private Mail Bag 3006, Mudgee, NSW, 2850
ABN 80 000 189 248

EXTRACTION APPLICATION PLANS
ULAN WEST - ULAN SEAM
Plan 7 (Sheet 1 of 2) - Longwall Panels 7 and 8

A0

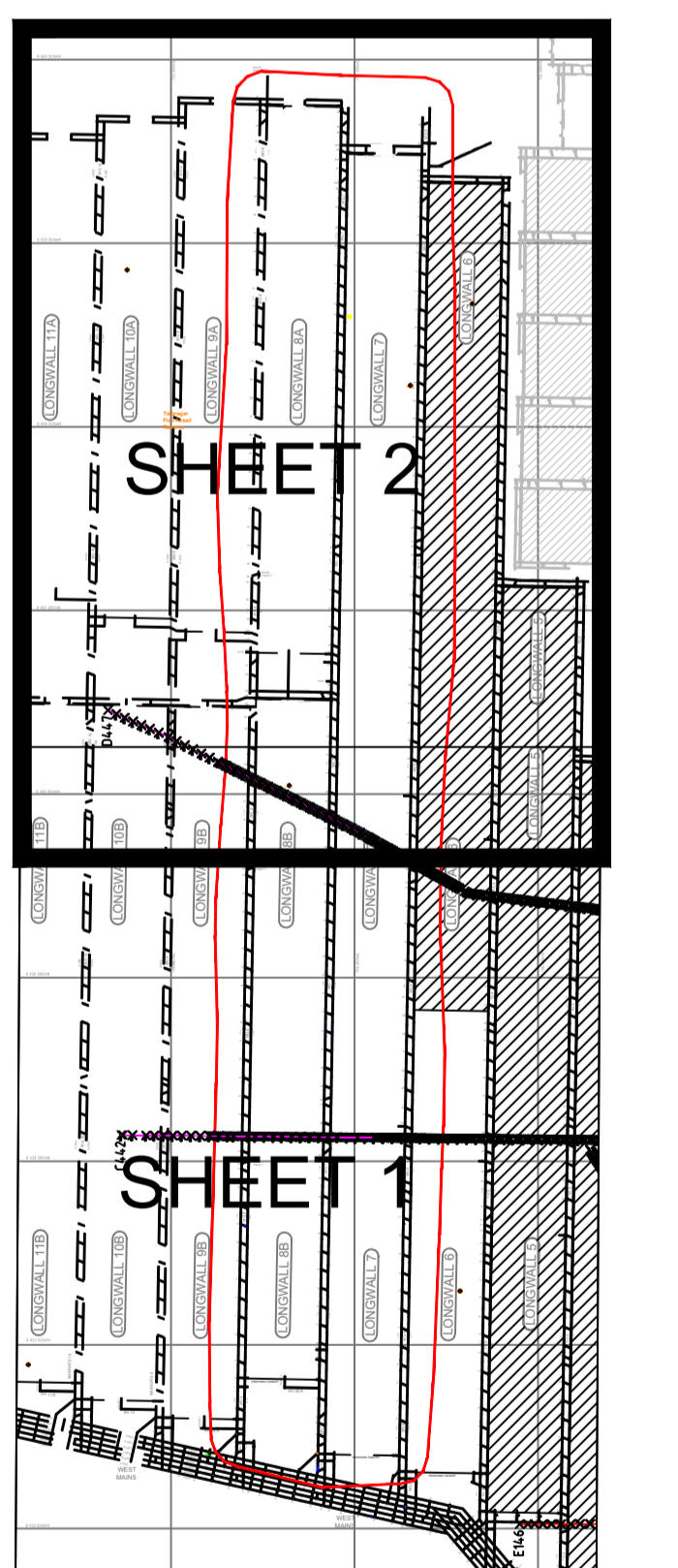


PARISH OF BLIGH

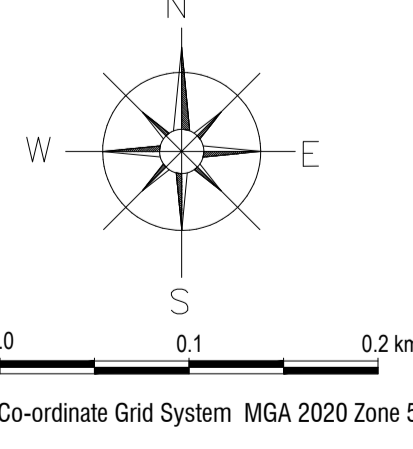
Talbragar Fish Fossil Reserve

PM189277

PM170455



- LEGEND**
- Existing Longwalls (as at 01/09/2021)
Ulan No.2 Workings shown in Grey
 - Proposed Longwalls
Ulan No.2 Workings shown in Grey
 - Existing First Workings (as at 01/09/2021)
Ulan No.2 Workings shown in Grey
 - Proposed First Workings
Ulan No.2 Workings shown in Grey
 - Ulan West - Application Area Longwall Panels 7 and 8



- Aboriginal, Heritage and Other Sites**
- Artefact Scatter
 - Isolated Find
 - Grinding Groove
 - Grinding Groove and Artefact Scatter
 - Ochre Quarry
 - European Site
 - Threatened Fauna Species
 - Waterhole/Well
 - Stone Arrangement
 - Rockshelter with Art
 - Rockshelter with Art and Artefacts
 - Rockshelter with Art and Grinding Grooves and Artefacts
 - Rockshelter with Artefacts
 - Rockshelter with Grinding Grooves
 - Rockshelter with Grinding Grooves and Artefacts
 - Rockshelter with PAD
 - Scamed Tree
 - Scamed Tree and Artefact Scatter
 - Brokenback Conservation Area
 - Water Course
 - Surface Dam
 - Surface Track
 - Surface Contours
 - Existing Power Line
 - Existing Essential Energy Power Line
 - Existing Water Pipeline
 - Ventilation Shaft/Fans
 - Substation
 - Dewatering Infrastructure
 - Subsidence Monitoring Line (Marks shown as a cross with a number)
 - Registered Survey Mark (Mark No. Shown)

I, Murray Wood, Mining Engineer/Manager for Ulan West Operations, certify that the information on this plan is a true indication of the proposed development.

Murray Wood 04/11/2021
Signed (M Wood) Date

I, Violetta Kaneva, Nominated Mining Surveyor for Ulan West Operations, RT35 certify that the existing (as of 31/10/2021) and proposed mine workings related to Ulan West Operations shown on this plan are true and correct. Other details have been provided by others and have not been verified by me.

Violetta Kaneva 03/11/2021
Signed (V Kaneva) Date

Drawn	V Kaneva	03/11/2021
Revision	1	
Scale	1 : 4000 on A0	
Drawing No.	UWO-10-1232	

Ulan Coal Mines Limited
ULAN WEST UNDERGROUND
ULAN SEAM
Private Mail Bag 3006, Mudgee, NSW, 2850
ABN 80 000 189 248
EXTRACTION APPLICATION PLANS
ULAN WEST - ULAN SEAM
Plan 7 (Sheet 2 of 2) - Longwall Panels 7 and 8

A0