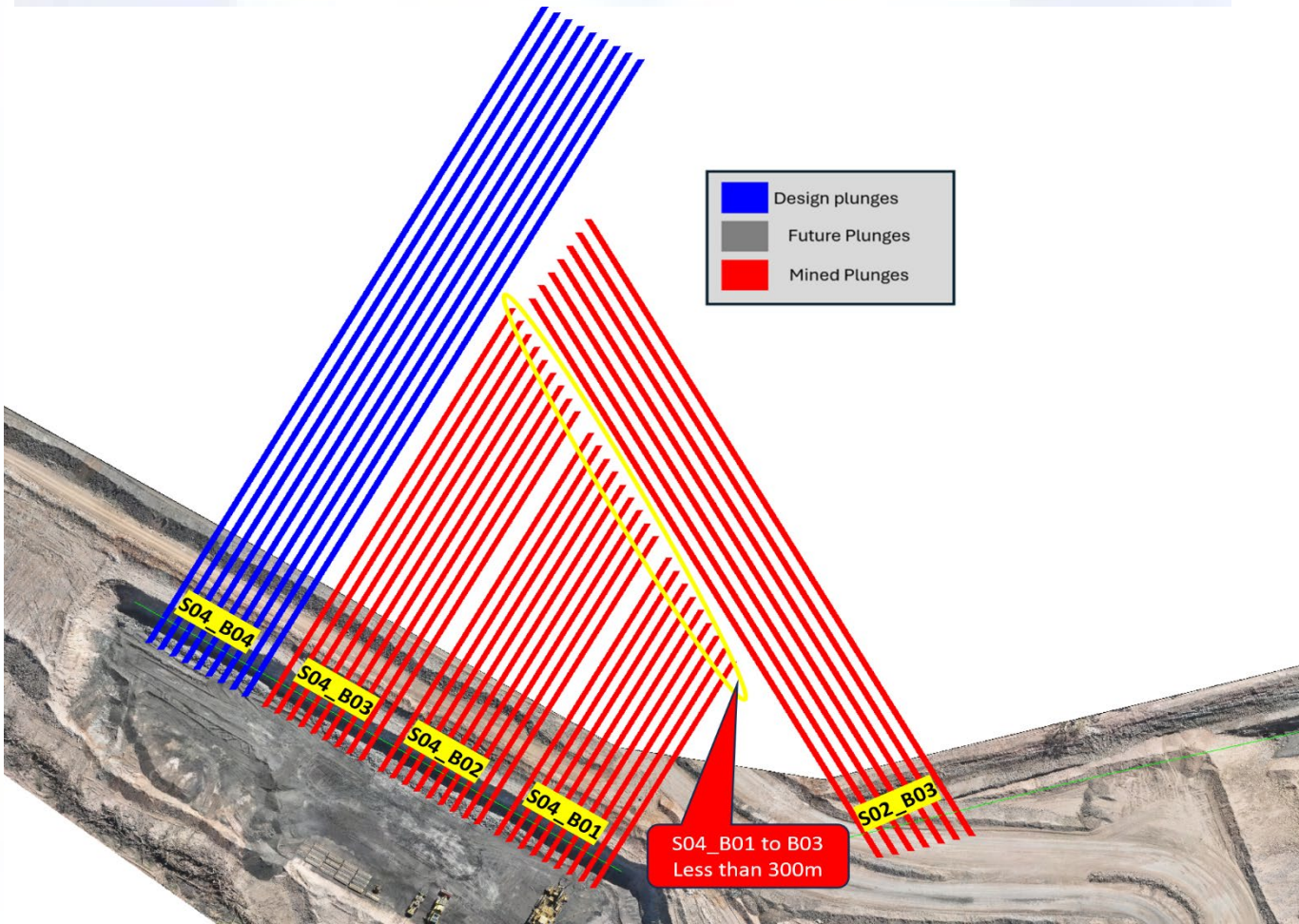




VUL-FRM-19-20 HWM PERMIT TO MINE

Location	Version	GPS file	Date





Highwall Mine Permit Area

This permit is to:

Design Parameters					Controls	
Depth of Cover						
Seam Thickness						
Drive Width						
Cut Height						
Cut Roof Horizon						
Cut Floor Horizon						
Max Drive Length	ID	DRIVE	Target Length (m)	*Azimuth	Web from Previous Drive (m)	
	ROCKYTOP_S04_B04_01	1	300	30	Barrier Pillar = 5.6	
	ROCKYTOP_S04_B04_02	2	300	30	2	
	ROCKYTOP_S04_B04_03	3	300	30	2	
	ROCKYTOP_S04_B04_04	4	300	30	2	
	ROCKYTOP_S04_B04_05	5	300	30	2	
	ROCKYTOP_S04_B04_06	6	300	30	2	
	ROCKYTOP_S04_B04_07	7	300	30	2	
	ROCKYTOP_S04_B04_08	8	300	30	2	
	ROCKYTOP_S04_B04_09	9	300	30	2	
Number of Drives between Barrier Pillars						
Web Pillar Width						
Barrier Pillar Width						
Drive Bearing						
Mining Timeframe						



Geological Information	
Anticipated Water-make	
Anticipated Gas Emissions	
Anticipated Geological Structures	
Anticipated Seam Dip	
Anticipated Un-grouted Boreholes	
Anticipated Objects in Target Seam	
Anticipated Hazards	
Anticipated Roof Conditions in Drives	
Anticipated Floor Conditions in Drives	
Anticipated Geotechnical Anomalies in Drives	
Anticipated Highwall Hazards	
Other Anticipated Hazards (Water and Gas etc.)	
Control Documents:	
Other Controls:	



HWM Permit to Mine Authorisation

Permit Only Valid When All Signatures Are Complete or via email approvals by all relevant parties.

If email approval is provided a copy of all approvals are to be attached to the permit

I have confirmed the Permit to Mine (PTM) has been completed and signed off.

Mining is not to commence until THIS form is signed by:

Position	Name	Signature*	Date
Principal Mining Engineer			
Highwall Mining Operations			
Senior Site Executive (SSE)			
Underground Geotechnical Engineer			
• HWM Pre-Operational Checklist Approved ☐		• HWM Design Plan Issued with Design Parameter ☐	

E-mail approval must be attached to this form if not signed





Figure 1 – Area overview S04_B04_0109 (Example only)

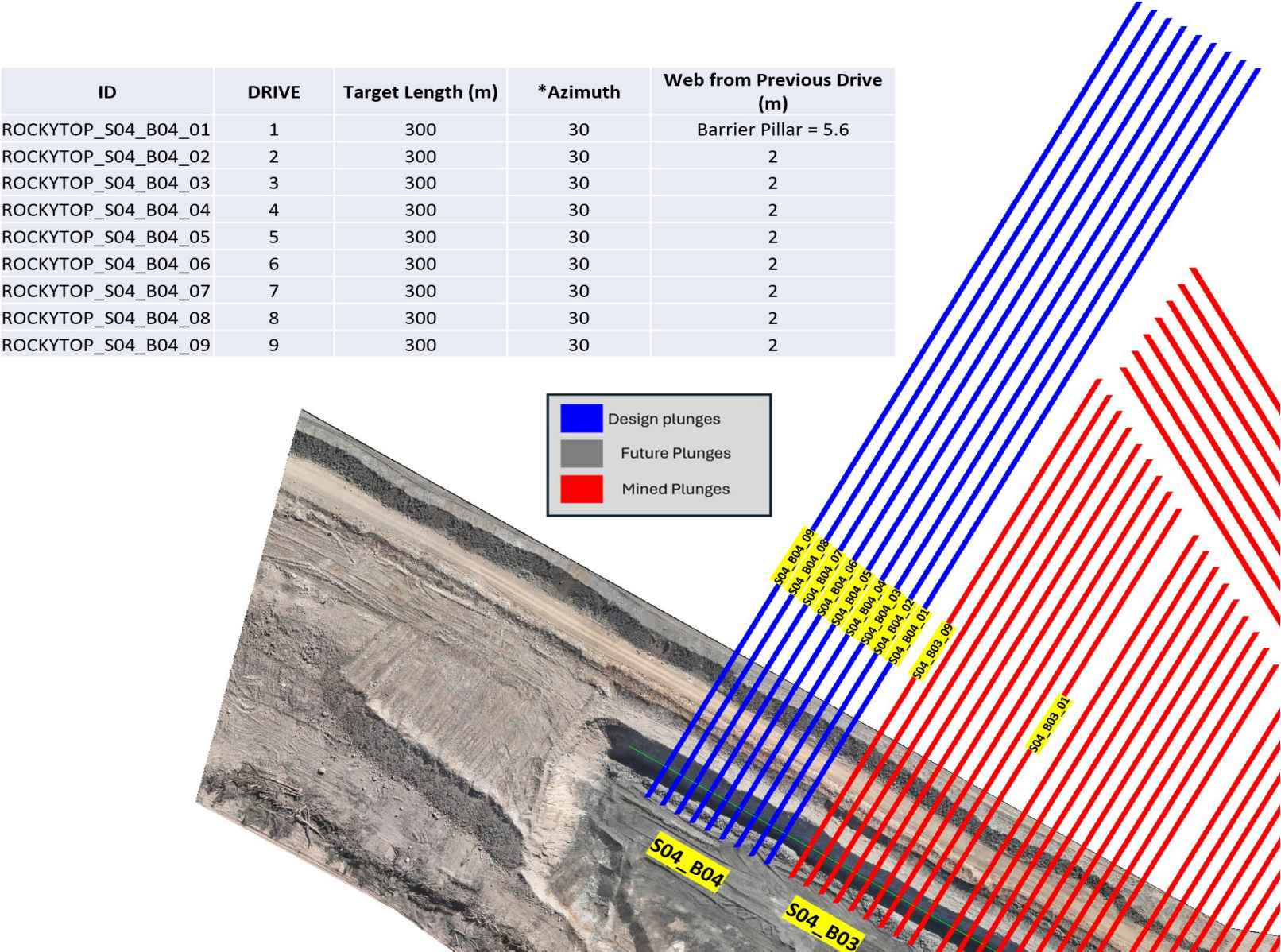
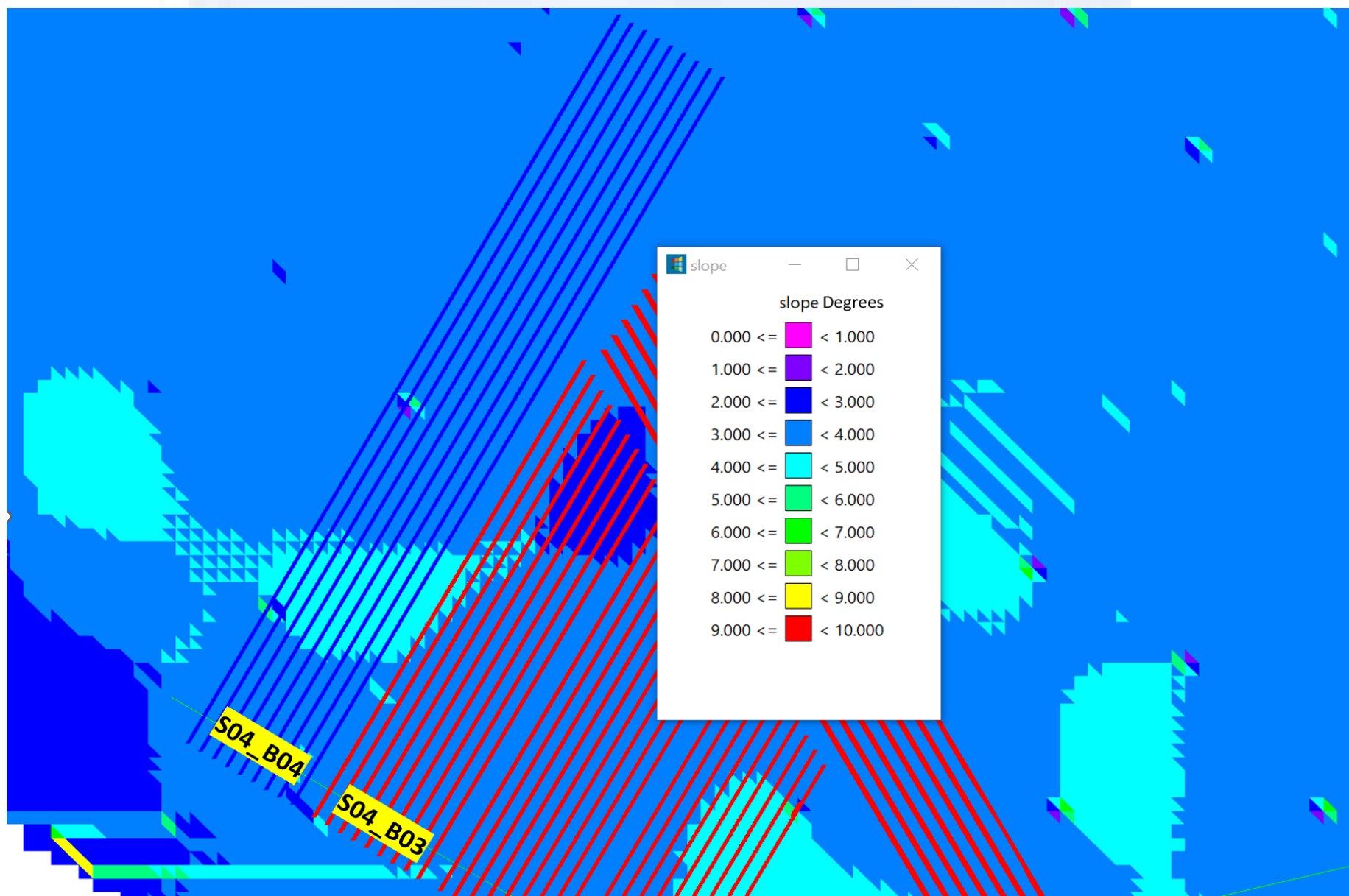




Figure 2 – Dip of Coal Seam (Example only)





EMAIL APPROVAL PRINCIPAL MINING ENGINEER	EMAIL APPROVAL OF SENIOR SITE EXECUTIVE

EMAIL APPROVAL HIGHWALL MINING OPERATIONS REPRESENTATIVE	EMAIL APPROVAL OF UNDERGROUND GEOTECHNICAL ENGINEER