MORRISON Natalie

From: Niehaus, Wouter

Sent: Thursday, 4 July 2019 4:43 PM

To: BRENNAN Keith

Cc: Grosvenor Mine Record

Subject: FW: LW103 TG Gas IMT Meeting Minutes

Attachments: 19_07_04 - IMT Meeting Minutes for TG103 CH4 Higher than 2.2 Percent.pdf

Hi Keith,

As requested, please find attached a copy of our IMT minutes.

Ring me if you have any questions.

Kind Regards Wouter

From: Mohr, Logan

Sent: Thursday, 4 July 2019 4:14 PM

To: Grosvenor All Users **Cc:** Packham, Russell

Subject: LW103 TG Gas IMT Meeting Minutes

All,

Please see attached the latest LW103 TG Gas IMT Meeting Minutes

Regards,

Logan Mohr Technical Services Superintendent



COAL Grosvenor Mine 464 Goonyella Road, Moranbah, 4744, Australia www.angloamerican.com

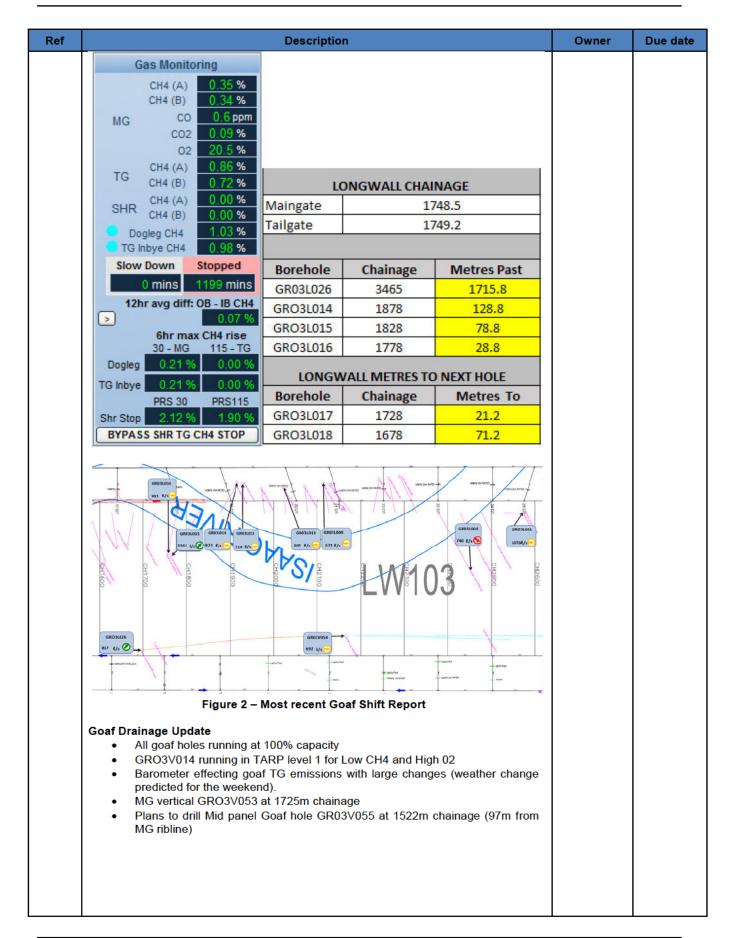
A member of the Anglo American plc group



Meeting M	linutes	s		LW	TG L	evel 2	Gen	eral	Body	Meth	ane	Lev	els	(≥ 2.2	(%0				
Date / Tim	ie	04/07/19	10:00a	m															
Location		GM's Conference Room																	
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Attendees	•					Na	me												Initial
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LW Mining	Co-O	rdinator				Mic	hael	Burg	ess										MB
Acting TSM	М					Log	gan M	1ohr											LM
Ops Manaç	ger / S	SSE				Ro	b Nov	vell											RN
Undermana	ager					Wa	yne F	Pate											WP
Seam Gas	Supe	rintendent				Be	vin M	ulcah	ny										ВМ
Apologies	;																		
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GRO-10326-TEM-IMT Meeting	Original Issue Date:	Version:	1	Printed: 4/07/2019
Minutes for TG103 CH4 Higher	14/03/2019	Date of Issue:	14/03/2019	Page 1 of 5
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Ref	Description	Owner	Due date
	Observations		
	 The LW103 Shearer was Cutting from MG to TG, at 2:26pm, shearer was stopped at shield #140 when the Inbye TG CH4 senor reached 2.34% CH4. Prior to the event the shearer was paused at shield #115 by the CH4 control system for a period of 2hours and 12minutes. At 2:36pm, outbye sensor peaked at 2.52% The LW103 Shearer was Cutting from MG to TG, at 5:03am, the shearer reached shield #144 when a sudden increase in CH4 was observed at the Inbye TG CH4 senor. The sensor reached a peak of 2.7% CH4. At 5:11am, the outbye sensor peaked at 2.52% 		
2.0 Plan	Moving Forward		
	TG Gas Sensor Variance		
	 Installing IR CH4 sensors at 3-4ct adjacent to currently installed sensors (comparison purposes only) Continue investigations with baffle setup to drop moisture and dust prior to reaching sensor. 		
	Short Term Ventilation Strategy		
	 Model, plan and execute the perimeter road ventilation reversal to lower CH4 levels entering the MG Predicted low pressure weather system to significantly lower barometric pressure over the next 2 days Maintain face ventilation quantity (review post vent change to minimise changing too many variables) 		
	Short Term Goaf Drainage Strategy		
	 GR03V055 – Targeted Ch1530 90m from MG (additional infill hole) GR03V053 – Expected to come online at Ch1690 (P seam MG) GR03V056 – to be scoped and designed for ~Ch1100 Review gas compliance cores for GM and P Seams for remainder of LW103 		
	Long Term Goaf Drainage Strategy		
	 Install 6th LRP at Gas Plant Purchase and install blowers All SIS gas currently plumbed to Arrow UIS currently 8% of gas plant capacity. Purity of UIS will result in disconnections from Arrow if below 94% CH4. (UIS to Arrow not ideal) Venting restricted emergency situations only Identify potential goaf gas sources and areas for LW104. Complete review of SGE model against actuals Increase SGE resolution to identify areas with predicted higher goaf gas. 		
	Long Term Ventilation Strategy		
	 Commission MG103 41c/t shaft to exhaust for LW104 start-up Seal LW101,102,103 perimeter road 		

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TEM-IMT Meeting Minutes for TG103 CH4 Higher than 2.2 Percent

Next Meeting date / Time Friday 5/7/19 8:00am

Actions from IMT Meeting		
Action	Who	When
Review the impact of ventilation change on work areas adjacent to change area (complete change management for vent reversal)	G. Zerner	Prior to vent change taking place
Setup CITECT to show newly installed TG IR sensor	G. West	4/5/19
Complete change management and trial preliminary design for baffle and moisture reduction unit for current CH4 sensors	G. West	18/7/19
Complete modelling and develop implementation plan for the ventilation reversal in the LW101-103 perimeter road. (Aim to maintain current face ventilation as part of change)	G. Zerner	9/7/19
Develop scope and design for an infill goaf hole targeting Ch1100.	B. Mulcahy	8/7/19
Review gas compliance cores for remainder of LW103	R. Kostowski	Complete
Source and install 6 th liquid ring pump	C. Badenhorst	20/11/19
Source and install 4x blower skids	C. Badenhorst	15/09/19
Develop formal process to restrict venting gas to emergency situations only.	C. Badenhorst	18/7/19
Complete review of SGE Model vs Actuals	R. Packham	28/7/19
Review SGE model and data to identify areas of potential increased gas make.	R. Packham	28/7/19

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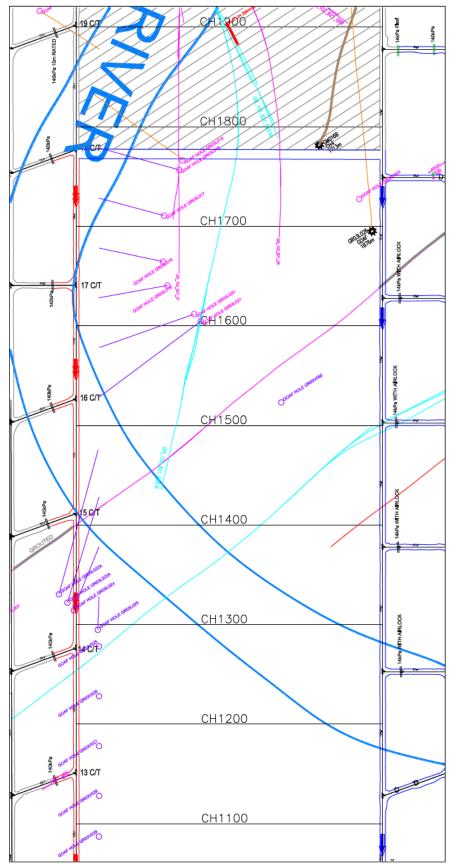


Figure 3 - Plan View of Goaf Holes

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