Newton, Bayda

Schiefelbein, Kelvin From:

Sent: Tuesday, 7 April 2020 3:22 PM

Newton, Bayda; Briese, Marree; Maskovich, Ruiha To:

Wynn, Damien; Duffy, Joel; Cavanagh, Damian; Smith, Braedon; Moreby, James; Cc:

McNally, Tim

Subject: FW: Completed Mining incident report No. 144445 (30 - High potential no lost

time [nmsf: 35])

Form 5a submitted

From

Sent: Tuesday, 7 April 2020 3:20 PM

Schiefelbein, Kelvin

Subject: Completed Mining incident report No. 144445 (30 - High potential no lost time [nmsf: 35])

This message originated outside Anglo American

Type of incident

Incident report number: 144445

Recipients:

and

1 Incident type: 30 - High potential no lost time [nmsf: 35]

2 Summary/title of incident

A Gas Exceedance has occurred in the LW808 TG ROADWAY airway when the S243a sensor recorded gas concentrations exceeding 2.5% at or about the TG intersection 6ct with the TG roadway. The shearer had left the tailgate after the completion of the TG shuffle and was positioned at 172 shield when the exceedance occurred. (The TG shield is number 197.)(The TG Drive and shields were beginning to push over as per normal sequence.)(The gas exceedance was believed to be due to gas being purged from the goaf due to the ventilation changes resulting from the shield movements and shearer position.)

Incident Classification: Code: 114 - Presence of gas [nmsf: 3827]

Code: Machinery and (mainly) fixed plant Breakdown:

[nmsf: 2836]

Code: Other plant and machinery [nmsf: Sub-Breakdown:

2853]

Code: Other and not specified production

line type of plant or stand alone

machinery [nmsf: 2949]

Code: Other and not specified production **Detailed Classification:**

line type of plant or stand alone

machinery [nmsf: 3357]

Code: Vehicle incidents and other [nmsf:

2793]

Sub-Mechanism: Code: Slide or cave-in [nmsf: 2832]

3 Previously notified: Yes

Mechanism:

Breakdown Class:

Compensation ID: 999999

Date: 20/03/2020

Mine details

4 Mine/quarry name Grasstree Mine Code: M01459 Old Code:

5 Mine type: coalUnderground

6 Company contact: Kelvin Schiefelbein

Phone:

Where in the mine did the incident occur? Longwall 808 TG 7

Roadway A heading 6ct

Surface or underground? underground

Code: 503 - Coal face-2nd workings

[nmsf: 27]

Incident details

8 Date of incident: 20/03/2020

9 Time of incident: 04 44 (24 hr clock)

Time shift started: 20 30 10

Shift duration: 12 00

No. of complete shifts/day worked prior to accident: 0

No. of days in shift cycle: 14

No. of days rostered off prior to starting current shift cycle: 7

Total hrs worked in 24 hr period prior to accident, inc travel time: 9

Travel Time: 00 30

Rostered Travel Time: 00 30

Roster Pattern: 7on 7off

11 Date of first full working day lost:

Code: 119 - Longwall-other equipment 12 Primary equipment/tool involved in incident: Longwall

[nmsf: 3884]

Describe exactly how did the incident occur: 13

> A Gas Exceedance has occurred in the LW808 TG ROADWAY airway when the S243a sensor recorded gas concentrations exceeding 2.5% at or about the TG intersection 6ct with the TG roadway. The shearer had left the tailgate after the completion of the TG shuffle and was positioned at 172 shield when the exceedance occurred. (The TG shield is number 197.)(The TG Drive and shields were beginning to push over as per normal sequence.)(The gas exceedance was believed to be due to gas being purged from the goaf due to the ventilation changes resulting from the shield movements and shearer position.)

14 What hazards have been identified from this incident:

Uneven longwall shield movement can cause gas to be issued from the goaf cave. Goaf drainage wells were performing poorly as well

Code: 112 - Flammable liquids/gases

Injured person details

- Questions 15 through 22 not required for 'High potential no lost time' incidents 21
- 23 Description of personal damage:

Is this a permanent incapacity? No

Inci	dent causes		
24	What happened leading up to the injury/incident/dis	ease?	
	Organisational	Codes	102 - Design
	The goaf drainage well was performing poorly due to distance between the wells creating a capacity barely		108 - Organisation
	matching the demand for gas drainage		106 - Incompatible goals
	Task/environment conditions	Codes	301 - Air/liquid pressure
	The barometer was low and therefore gas production high. The location relative to the 6ct created a low pressure situation causing excessive gas make		321 - Other task/environment factor
			320 - Task/environment factor (not specified)
	Individual/team actions	Codes	202 - Awareness
	The production crews advanced the longwall shields		201 - Attitude
	unevenly.		203 - Communication
	Absent or failed defences	Codes	401 - Design defects
	The goaf drainage is usually maintained at a capacity suitable to prevent a gas outage but in this case -		421 - Other absent/failed defence factor
	due to number of factors - the gas make exceeded the capacity		420 - Absent/failed defence factor(not specified)
Pre	ventative action		
25	Give details of any control measures/actions being considered and/or implemented to prevent recurrences		
			for implemented to prevent recurrences
	Training for crews regarding shield advance sequence		
	Training for crews regarding shield advance sequence Date: 07/04/2020		
	Date: 07/04/2020 Your full name: Kelvin Schiefelbein Position: Underground Mine Manager		
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Offi	Date: 07/04/2020 Your full name: Kelvin Schiefelbein Position: Underground Mine Manager		
Offi	Date: 07/04/2020 Your full name: Kelvin Schiefelbein Position: Underground Mine Manager Email: Confidential		
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Offi	Date: 07/04/2020 Your full name: Kelvin Schiefelbein Position: Underground Mine Manager Email: Confidential		
Offi	Date: 07/04/2020 Your full name: Kelvin Schiefelbein Position: Underground Mine Manager Email: Confidential Ce use		
Offi	Date: 07/04/2020 Your full name: Kelvin Schiefelbein Position: Underground Mine Manager Email: Confidential Ce use Inspector/inspection officer:		

User IP address: 172.18.4.56

User agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/80.0.3987.163 Safari/537.36

Email address:

Submitted Date/Time: 07/04/2020 15:00:46

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