

Newton, Bayda

From: Schiefelbein, Kelvin
Sent: Thursday, 21 November 2019 2:56 PM
To: Newton, Bayda; Maskovich, Ruiha
Cc: Brouwer, Danny; Cavanagh, Damian
Subject: FW: Completed Mining incident report No. 143474 (30 - High potential no lost time [nmsf: 35])

FYI

From: Confidential
Sent: Thursday, 21 November 2019 2:54 PM
To: Confidential Schiefelbein, Kelvin
 Confidential
Subject: Completed Mining incident report No. 143474 (30 - High potential no lost time [nmsf: 35])

This message originated outside Anglo American

Type of incident

Incident report number: 143474

Recipients: Confidential and Confidential

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

2 **Summary/title of incident**

Gas exceeding 2.5% has occurred in LW808 Tail gate when a goaf fall event has caused an increased gas make. This has occurred in the first few days after commencing the new longwall.

Incident Classification:

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

Breakdown:

Code: Environmental agencies [nmsf: 2842]

Sub-Breakdown:

Code: Underground environment [nmsf: 2883]

Breakdown Class:

Code: Roof of tunnel or mine [nmsf: 3151]

Detailed Classification:

Code: Roof of tunnel or mine [nmsf: 3723]

Compensation ID: 999999

Mechanism:

Code: Sound and pressure [nmsf: 2787]

Sub-Mechanism:

Code: Other variations in pressure [nmsf: 2810]

3 **Previously notified:** No

Date: 25/10/2019

Mine details

4 **Mine/quarry name** Grasstree Mine

Code: M01459

Old Code:

5 **Mine type:** coalUnderground

6 **Company contact:** Kelvin Schiefelbein

Phone: Confidential

7 **Where in the mine did the incident occur?** Longwall 808 Tail Gate 19-20ct A Heading

Code: 507 - Coal face-longwall, stage loader/tailgate to 20 m [nmsf: 27]

Surface or underground? underground

Incident details

8 **Date of incident:** 25/10/2019

9 **Time of incident:** 18 50 (24 hr clock)

10 **Time shift started:** 10 30

Shift duration: 12 00

No. of complete shifts/day worked prior to accident: 1

No. of days in shift cycle: 7

No. of days rostered off prior to starting current shift cycle: 14

Total hrs worked in 24 hr period prior to accident, inc travel time: 8

Travel Time: 01 00

Rostered Travel Time: 02 00

Roster Pattern: 7on 7off

11 **Date of first full working day lost:** 25/10/2019

12 **Primary equipment/tool involved in incident:** longwall

Code: 119 - Longwall-other equipment [nmsf: 3884]

13 **Describe exactly how did the incident occur:**

Curing the caving of the longwall strata, gas emissions increase. in this case the first caving of the longwall was large and high gas emissions occurred. the goaf gas drainage was ineffective in controlling these emissions

14 **What hazards have been identified from this incident:**

first caving of the longwall has high gas emissions which are hard to control with goaf gas drainage.

Code: 112 - Flammable liquids/gases

Injured person details

15-21 Questions 15 through 22 not required for 'High potential no lost time' incidents

23 **Description of personal damage:**

Is this a permanent incapacity? No

Incident causes

24 **What happened leading up to the injury/incident/disease?**

Organisational

Codes 102 - Design
109 - Procedures

first caving of the long wall is designed for and risk assessed but controls were not fully effective on this occasion

121 - Other org. factor

Task/environment conditions	Codes 320 - Task/environment factor (not specified) 312 - Unstable strata 315 - Wind/turbulence
the strata released gas when first caved and the goaf drainage holes are ineffective	
Individual/team actions	Codes 202 - Awareness 201 - Attitude 207 - Supervision
the ventilation remedy for the gas was effective and installed after the gas had occurred - the sherwood curtain could be installed prior to the first caving	
Absent or failed defences	Codes 401 - Design defects 421 - Other absent/failed defence factor 420 - Absent/failed defence factor(not specified)
the plan for first caving was reliant upon a back bleeder and goaf drainage holes but the first caving did not emit gases to that location.	

Preventative action

25 Give details of any control measures/actions being considered and/or implemented to prevent recurrences

install the sherwood curtain prior to first caving next time

Date: 21/11/2019

Your full name: Kelvin Schiefelbein

Position: Underground Mine Manager

Email: Confidential

Office use

□□□ □□□ □□□ □□□

Inspector/inspection officer: _____

Signed: _____

Entered by: _____

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/78.0.3904.108 Safari/537.36

Email address: Confidential

Submitted Date/Time: 21/11/2019 14:17:05

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