

Cooney, Joanne

From: Maunder, Elysse
Sent: Monday, 16 September 2019 4:36 PM
To: Grosvenor Mine Record
Subject: FW: Completed Mining incident report No. 142934 (30 - High potential no lost time [nmsf: 35])

Categories: Red Category

Elysse Maunder
 Health and Safety Coordinator



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 A member of the Anglo American plc group

From: MIRAdministration@dnrme.qld.gov.au <MIRAdministration@dnrme.qld.gov.au>
Sent: Monday, 16 September 2019 4:35 PM
To: MIRAdministration@dnrme.qld.gov.au; mirmackay@dnrm.qld.gov.au; Maunder, Elysse <Elysse.Maunder@angloamerican.com.au>
Subject: Completed Mining incident report No. 142934 (30 - High potential no lost time [nmsf: 35])

This message originated outside Anglo American

Type of incident

Incident report number: 142934

Recipients: elysse.maunder@angloamerican.com.au and MIRAdministration@dnrme.qld.gov.au

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

2 **Summary/title of incident**

Methane in excess of 2.5%

Incident Classification:

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

Breakdown:

Code: Other and unspecified agencies [nmsf: 2844]

Sub-Breakdown:

Code: Other and not specified agencies [nmsf: 2890]

Breakdown Class:

Code: Other agencies, not elsewhere classified [nmsf: 3188]

Detailed Classification:

Code: Other agencies, not elsewhere classified [nmsf: 3766]

Compensation ID: 999999

Mechanism: Code: Chemicals and other substances [nmsf: 2790]
Sub-Mechanism: Code: Other and unspecified contact with chemical or substance [nmsf: 2825]
3 Previously notified: Yes
Date: 17/08/2019

Mine details

4 Mine/quarry name: Grosvenor Coal Mine Code: M02976 Old Code:
5 Mine type: coalUnderground
6 Company contact: Kate Bachmann
Phone: [REDACTED]
7 Where in the mine did the incident occur? LW103 Code: 503 - Coal face-2nd workings [nmsf: 27]
Surface or underground? underground

Incident details

8 Date of incident: 17/08/2019
9 Time of incident: 15 30 (24 hr clock)
10 Time shift started: 09 30
Shift duration: 12 00
No. of complete shifts/day worked prior to accident: 3
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: 12
Travel Time: 00 00
Rostered Travel Time: 00 00
Roster Pattern: 7/7
11 Date of first full working day lost:
12 Primary equipment/tool involved in incident: Longwall Shearer Code: 111 - Longwall shearer [nmsf: 3881]
13 Describe exactly how did the incident occur:

In Longwall 103 on the 17 August 2019 an hour maintenance window has been undertaken on the longwall. The shearer had cut out the tailgate and was cutting back to the maingate. When the shearer was better roof support 20 and roof support 51 a methane spike was recorded. The inbye tailgate CH4 sensor indicated an increase in CH4 levels and at 3:28pm reached 2.5%. The at 15:29 the inbye sensor recorded a peak value of 2.79%. At 15:34 the tail gate dogleg sensor measured a methane peak of 2.43%. Following the HPI the ERZ Controller inspected the longwall face, however the cause of the event could not be identified at that time. Following communication to the workforce regarding the incident a coal mine worker that was working with the ventilation crew constructing a seal approximately 30m outbye and reported that a goaf fall heard at the same time of the incident. Further investigation determined that the source of the elevated methane was the report goaf fall.

14 What hazards have been identified from this incident:
Elevated methane

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?

Incident causes

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

Organisational

Gas make (SGE) greater than expected in excess of system capacity
 Less than adequate methane dilution
 Less than adequate pre-drainage program

Codes 121 - Other org. factor

Task/environment conditions

Large fall in the Goaf area

Codes 321 - Other task/environment factor

Individual/team actions

Nil

Codes 222 - No ind./team factor involved

Absent or failed defences

Nil

Codes 422 - No absent/failed defence factor involved

Preventative action

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

Identify areas of high-risk roof collapse and implement action plan
 Install additional goaf drainage capacity to reduce the likelihood of goaf falls impacting the tailgate gas levels. (This action already exists in the system from action plan AP.00746137 LW103 LW104 Goaf Drainage)
 Purchase additional Gas Monitoring Skids
 VPS upgrade including 6th vac pumps
 Purchase blower skids to >5000L capacity with flaring
 Additional reticulation lines if required by modelling to accommodate additional gas drainage capacity

Date: 16/09/2019

Your full name: Elysse Maunder

Position: H&S Coordinator

Email: elysse.maunder [REDACTED]

Office use

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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/76.0.3809.132 Safari/537.36

Email address: elysse.maunder [REDACTED]

Submitted Date/Time: 16/09/2019 16:09:23

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