

Cooney, Joanne

From: Maunder, Elysse
Sent: Wednesday, 14 August 2019 8:56 AM
To: Grosvenor Mine Record
Subject: FW: Completed Mining incident report No. 142622 (30 - High potential no lost time [nmsf: 35])

Categories: Red Category

Elysse Maunder
 Health and Safety Coordinator



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COAL

GROSVENOR MINE

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Australia

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A member of the Anglo American plc group

From: MIRAdministration@dnrme.qld.gov.au <MIRAdministration@dnrme.qld.gov.au>
Sent: Wednesday, 14 August 2019 7:57 AM
To: MIRAdministration@dnrme.qld.gov.au; mirmackay@dnrm.qld.gov.au; Maunder, Elysse <Elysse.Maunder@angloamerican.com.au>
Subject: Completed Mining incident report No. 142622 (30 - High potential no lost time [nmsf: 35])

This message originated outside Anglo American

Type of incident

Incident report number: 142622

Recipients: [elysse.maunder](mailto: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% - 23/07/2019

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: 23/07/2019

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: 23/07/2019

9 Time of incident: 15 44 (24 hr clock)

10 Time shift started: 09 30

Shift duration: 12 00

No. of complete shifts/day worked prior to accident: 6

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:

While Cutting from TG to MG in Uni-Di, a cavity formed on the LW face from roof support #45 to #27. The resulting rock rilled in over the face restricting ventilation on the face pushing ventilation into goaf and causing a methane spike in the TG roadway. At 3.44 pm the inbye sensor reached a peak of 2.54 % CH₄ and the outbye sensor reached a peak of 2.71% CH₄ 3.52 pm. Methane levels were above 2.5% for 21 minutes. • A cavity formed over #27-#45 roof supports during the shift and was being managed by double chocking the area. • The ventilation across the LW face at the time of the event was 64m³/s. • The LW was on planned maintenance for ~6 hours prior and on the second shear for the shift when the incident occurred. • LW Producing in Uni-Di at time of incident to reduce impact of gas production when shearer was cutting towards the TG in Bi-Di • Gas Drainage system has been operating at peak capacity with all goaf drainage holes producing gas as planned.

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 recovery / dilution Pressure difference across the goaf is at the lowest at the TG corner

Codes 120 - Org. factor (not specified)

Task/environment conditions

Mining Domain susceptible to delamination with induced stresses

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

Develop a plan to increase goaf drainage capacity for peak SGE areas of Grosvenor to reduce tailgate methane concentrations to meet business plan productivity targets.

Date: 14/08/2019

Your full name: Elysse Maunder

Position: H&S Coordinator

Email: elysse.maunder@...

Office use

□□□ □□□ □□□ □□□

Inspector/inspection officer: _____

Signed: _____

Entered by: _____

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Email address: elysse.maunder [REDACTED]

Submitted Date/Time: 14/08/2019 07:48:37

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