

**Cooney, Joanne**

**From:** Maunder, Elysse  
**Sent:** Wednesday, 14 August 2019 6:45 AM  
**To:** Grosvenor Mine Record  
**Subject:** FW: Completed Mining incident report No. 142618 (30 - High potential no lost time [nmsf: 35])

**Categories:** Red Category

Please add to the mine record

**Elysse Maunder**  
 Health and Safety Coordinator



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**COAL**

GROSVENOR MINE

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Australia

[www.angloamerican.com.au](http://www.angloamerican.com.au)

A member of the Anglo American plc group

**From:** MIRAdministration@dnrme.qld.gov.au <MIRAdministration@dnrme.qld.gov.au>  
**Sent:** Wednesday, 14 August 2019 6:36 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. 142618 (30 - High potential no lost time [nmsf: 35])

This message originated outside Anglo American

**Type of incident**

Incident report number: 142618

**Recipients:** [elysse.maunder@angloamerican.com.au](mailto:elysse.maunder@angloamerican.com.au) and [MIRAdministration@dnrme.qld.gov.au](mailto: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% 15/07/2019

**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:** 15/07/2019

## 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:** 15/07/2019

**9 Time of incident:** 13 49 (24 hr clock)

**10 Time shift started:** 06 00

**Shift duration:** 09 30

**No. of complete shifts/day worked prior to accident:** 4

**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:** NA

**Code:** 981 - No equipment involved [nmsf: 3962]

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

In order to reduce the intake Methane to the LW face and Return a Ventilation change was completed on the 15th of July. The primary objective of the change was to reverse the ventilation direction of the perimeter roadway as this ventilation circuit was introducing methane levels of 0.3% to 0.4% into the intake of the LW. To complete the change, the ventilation quantity of the intake road (MG103 B Hdg) and the LW ventilation circuit had to be increased to allow for the additional air required to change the direction of the airflow inbye of the LW face on the perimeter road. At 1:49pm the first part of the ventilation change was completed and this change increased the quantity of air along the LW face, as well as the differential pressure across the LW face. This change resulted in the goaf fringe being increased and additional gas pulled out at the TG. The inbye TG sensor peaked at 2.5% CH<sub>4</sub>, whilst the outbye TG sensor reached a peak reading of 2.71%.

**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**

GRO-1316-FRM-Permit to Change Ventilation does not include consideration to barometric pressure Gas drainage system - less than adequate methane recovery / dilution Decision by IMT to bring forward the ventilation change by one day without adequate change management

**Codes** 121 - Other org. factor

**Task/environment conditions**

WRAC identified the hazard of pressure and gas. Existing control of real time monitoring of barometer Ventilation change was conducted during the barometer low

**Codes** 321 - Other task/environment factor

**Individual/team actions**

Regulator at 3-4 c/t was opened over the duration of 5 minutes as the VO was concerned with his fatigue management

**Codes** 204 - Fatigue

**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

Review and update GRO-1316-FRM-Permit to Change Ventilation to include consideration to barometric pressure 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. Liaise with VO Officer regarding the pace of which regulators are opened during a barometer low

**Date:** 14/08/2019

**Your full name:** Elysse Maunder

**Position:** H&S Coordinator

**Email:** [elysse.maunder@...](mailto:elysse.maunder@...)

**Office use**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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**Inspector/inspection officer:** \_\_\_\_\_

**Signed:** \_\_\_\_\_

Entered by: \_\_\_\_\_

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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/76.0.3809.100 Safari/537.36

Email address: [elysse.maunder](mailto:elysse.maunder) [REDACTED]

Submitted Date/Time: 14/08/2019 06:19:05

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