

**Cooney, Joanne**

**From:** Maunder, Elysse  
**Sent:** Tuesday, 5 May 2020 4:56 PM  
**To:** Grosvenor Mine Record  
**Subject:** FW: Completed Mining incident report No. 144718 (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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M +

**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

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**From:** MIRAdministration@dnrme.qld.gov.au <MIRAdministration@dnrme.qld.gov.au>  
**Sent:** Tuesday, 5 May 2020 4:43 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. 144718 (30 - High potential no lost time [nmsf: 35])

This message originated outside Anglo American

**Type of incident**

Incident report number: 144718

**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% - LW104 04/04/2020

**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: 04/04/2020

**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? LW104

Code: 503 - Coal face-2nd workings [nmsf: 27]

Surface or underground? underground

**Incident details**

8 Date of incident: 04/04/2020

9 Time of incident: 02 22 (24 hr clock)

10 Time shift started: 20 00

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:

On 04 April in LW104, at 01:05 the shearer was cutting from TG to MG when the shearer lost power due the section 243A (shield 149) sensor reaching 2% methane. At 02:09 the shearer restarted following the methane reducing to 1.9%. Due to a cavity located between shields 146 and 148 the shearer was relocated to shield 127 and the TG shields were brought in to assist with cavity management. At 02:22am the goaf stream flushed over the tailgate drive resulting in a peak reading of 2.97% methane at the section 243A (shield 149).

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 No Longwall Ventilation Set Up Work Order for the new sensor installation location

**Codes** 107 - Maintenance management

**Task/environment conditions**

Ventilation arrangements for TG drive area not adequate to dilute a change in goaf stream

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

**Individual/team actions**

Nil

**Codes** 221 - Other ind./team factor

**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 the long term sustainability of the S.243A sensor under roof support #149 in consultation with DNMRE Conduct trial of alternate Ventilation configurations in TG area and report to LW team upon completion Update GRO-4801-STD-Longwall Standard Area Management System based on Report from trial Ventilation arrangements from Vent and Gas Super Review and update the frictional ignition work order to include the inspection of the brattice and venturis located with TG drive area

**Date:** 05/05/2020

**Your full name:** Elysse Maunder

**Position:** Health and Safety Coordinator

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

### Office use

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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; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/81.0.4044.129 Safari/537.36

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

Submitted Date/Time: 05/05/2020 16:28:01

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