

Cooney, Joanne

From: Penrose, Alisha
Sent: Wednesday, 15 April 2020 11:53 AM
To: Grosvenor Mine Record
Subject: FW: Completed Mining incident report No. 144508 (30 - High potential no lost time [nmsf: 35])
Categories: Red Category

For saving to mine record.

Thanks Jo!

Regards

Alisha Penrose, alisha.penrose@dnrme.qld.gov.au M [REDACTED]

From: MIRAdministration@dnrme.qld.gov.au <MIRAdministration@dnrme.qld.gov.au>
Sent: Wednesday, April 15, 2020 10:35 AM
To: MIRAdministration@dnrme.qld.gov.au; mirmackay@dnrm.qld.gov.au; Penrose, Alisha <Alisha.Penrose@dnrme.qld.gov.au>
Subject: Completed Mining incident report No. 144508 (30 - High potential no lost time [nmsf: 35])

This message originated outside Anglo American

Type of incident

Incident report number: 144508

Recipients: alisha.penrose@dnrme.qld.gov.au and MIRAdministration@dnrme.qld.gov.au

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

2 **Summary/title of incident**

18/03/2020 21:33 The shearer was cutting into tailgate and LW104 TG IB #38 sensor was stable at 2.12%. The sensor spiked to 2.42% and then the shearer halt enabled, but the sensor reached 2.56% before quickly reducing.

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: Heat, electricity and other environmental factors [nmsf: 2789]
Sub-Mechanism:	Code: Exposure to other and unspecified environmental factors [nmsf: 2821]

3 **Previously notified:** Yes

Date: 20/03/2020

Mine details

- 4 Mine/quarry name Grosvenor Coal Mine Code: M02976 Old Code:
- 5 Mine type: coalUnderground
- 6 Company contact: Wouter Niehaus
Phone: [REDACTED]
- 7 Where in the mine did the incident occur? LW104 TG IB #38 Code: 503 - Coal face-2nd workings [nmsf: 27]
Surface or underground? underground

Incident details

- 8 Date of incident: 18/03/2020
- 9 Time of incident: 21 33 (24 hr clock)
- 10 Time shift started: 18 00
Shift duration: 12 00
No. of complete shifts/day worked prior to accident: 7
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 15
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:
18/03/2020 21:33 The shearer was cutting into tailgate and LW104 TG IB #38 sensor was stable at 2.12%. The sensor spiked to 2.42% and then the shearer halt enabled, but the sensor reached 2.56% before quickly reducing. GMS11 GR04V002A Trend change 18/03/20 16:40 with a major increase in flow. GMS11 GR04V002A Trend change 19/03/20 03:25, Differential pressure rise indicating blockage of the flame arrestor.
- 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
Nil
Codes 122 - No org. factor involved

<p>Task/environment conditions</p> <p>No substantial evidence has been found to correlate the gas exceedance; the data would support a high goaf gas concentration being "scoured" by the shearer upon entering LW104 TG.</p>	<p>Codes 321 - Other task/environment factor</p>
<p>Individual/team actions</p> <p>Nil</p>	<p>Codes 222 - No ind./team factor involved</p>
<p>Absent or failed defences</p> <p>Nil</p>	<p>Codes 422 - No absent/failed defence factor involved</p>

Preventative action

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

P seam drainage strategy for each LW block to design & complete prior to LW production phase. Investigate Citect alarm & messaging system failure and implement controls to prevent a re-occurrence. Document the IMT process currently used onsite for acknowledgement of action allocation & understanding. Investigate modifications to the goaf skid flame arrestor to allow the current fleet to be maintained whilst remaining in service. Ventilation network for LW tailgates to assess for risk of failure when using dual return roadways. Amend the gas drainage TARP to add guidance for high flow goaf hole maintenance practices.

Date: 15/04/2020

Your full name: Alisha Penrose

Position: Health & Safety Officer

Email: alisha.penrose@...

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/80.0.3987.163 Safari/537.36

Email address: alisha.penrose@...

Submitted Date/Time: 15/04/2020 09:22:56

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