



# Incident Notification

(Mines Inspectorate)

|                      |   |
|----------------------|---|
| <b>Mine Name</b>     | Grosvenor Coal Mine                       |
| <b>Operator Name</b> | Anglo Coal (Grosvenor Management) Pty Ltd |
| <b>Mine Type</b>     | Coal Mine - Underground                   |
| <b>Mine Region</b>   | Central Region                            |
| <b>Mine Office</b>   | Mackay Office                             |
| <b>Mine File No</b>  | 1   |

## NOTIFICATION DETAILS

|                                  |                                 |
|----------------------------------|---------------------------------|
| <b>Notifier's Name</b>           | Wouter Niehaus                  |
| <b>Notifier's Position/Title</b> | UMM                             |
| <b>Notifier's Contact Number</b> | [REDACTED]                      |
| <b>Notification Received on</b>  | 23/07/2019 <b>at</b> 05:07 PM   |
| <b>Notification Received By</b>  | Paul Brown                      |
| <b>Entered By</b>                | Paul Brown <b>on</b> 24/07/2019 |

## INCIDENT DETAILS

|                                 |  |
|---------------------------------|--|
| <b>Incident Date &amp; Time</b> | 23/07/2019 03:44 PM  |
| <b>Location</b> (Section/area)  | LW 103TG & return  |
| <b>Equipment Involved</b>       | Longwall   |
| <b>Concise Description</b>      | Methane Exceedance - While Cutting TG to MG in Uni-Di, a cavity formed on the LW face from roof support #44 to #27. The resulting rock rilling in over face restricting ventilation on face pushing ventilation into goaf and causing a methane spike in the TG roadway. At 3.44pm inbye sensor reached a peak of 2.54 % CH <sub>4</sub> and the outbye sensor at 3.52pm reached a peak of 2.71% Ch <sub>4</sub> . |

### Other details

Citect screen shot on Form 1A.  
 The ventilation across the LW face at the time of the event was 64m<sup>3</sup>/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 to reduce impact of gas production when shearer was cutting towards the TG  
 Gas Drainage system has been operating at peak capacity with all goaf drainage holes producing gas as planned.  
 Additional exploration and gas reservoir modeling to be completed to better understand the current gas make.

|   |       |
|---|-------|
| <b>Incident Classification</b>            | Other |
| <b>Other Inspectorates to be notified</b> |       |

## INJURIES

**Injuries - Person(s) Involved** 0

## FATALITIES

**Fatalities - Person(s) Involved** 0

## RESPONSE

### Actions Taken By Mine / Operator

Longwall stood at time of call waiting to reduce ch<sub>4</sub> below 2.00%. Will deal with cavity spall when power back

on.

### Instructions or advice given to Mine / Operation

Discussed goaf gas drainage at time of incident, was in excess of 5000lt/sec. Barometer on the low. Asked Wouter about gas resivour in lower seams. Wouter is investigating the potential influence of lower seams on the goaf, there is a seam approx 40-50m lower that does have methane in it and could be some conectivity which is why the goaf is exceeding the drainage. Long term more plant drainage. Asked Wouter if Uni-Di has made improvement? Answered yes and has reduced the frequency of exceedances.

### INCIDENT CATEGORY

#### Event Type

High Potential Incident

#### Incident Category

A ventilation failure causing a dangerous accumulation of methane or other gas if it endangers the safety or health of a person

|                                     |   |            |
|-------------------------------------|---|------------|
| <input checked="" type="checkbox"/> | Oral Report confirmed by notice within 48 hours | 25/07/2019 |
| <input checked="" type="checkbox"/> | Notify an Inspector as soon as possible         | 23/07/2019 |
| <input checked="" type="checkbox"/> | Report to be submitted within 1 month           | 22/08/2019 |

### INCIDENT FOLLOW-UP

#### Officer allocated to investigate and/or follow-up reports

Paul Brown

#### Oral confirmatory report received

#### Written report received

#### External DB Accident ID (LTAD)

142622

#### IR Summary Title

Methane in Excess of 2.5% - 23/07/2019

#### Incident Date

23/07/2019

#### Processed Date

14/08/2019 08:03:14 AM

(MIR Web Site submission processed)

#### Mine Name

Grosvenor Coal Mine

#### Incident Type

High potential no lost time

#### Injured Person(s)

#### Organisational

Gas make (SGE) greater than expected in excess of system capacity Less than adequate methane r lowest at the TG corner

#### Task / Environmental Conditions

Mining Domain susceptible to delamination with induced stresses

#### Individual / Team Actions

Nil

#### Absent / Failed Defences

Nil

#### Preventative Action

Develop a plan to increase goaf drainage capacity for peak SGE areas of Grosvenor to reduce tailgat targets.

### DETAILS OF PERSONS ADVISED

#### EMAILED

| <u>Emailed To</u>   | <u>Comment</u> | <u>Emailed Date</u> | <u>Emailed Time</u> |
|---|----------------|---------------------|---------------------|
| andrew.smith<br>Anthony.Logan<br>Claire.Buchanan<br>Creswick.Bulger<br>fritz.djukic |                | 24/07/2019          | 10:58 AM            |

Graham.Callinan  
keith.brennan  
kevin.poynter  
Matthew.Kennedy  
Michael.Scully  
neil.randolph  
neville.atkinson  
Paul.Brown2  
paul.sullivan  
Patrick.Hurley  
peter.herbert  
Laurie.Crisp  
Shaun.Dobson  
Stephen.Smith2  
theo.kahl  
Geoff.Nugent  
Luca.Rocchi  
John.Tolhurst

ORALLY (if any)

Notified

Comment

Date

Time