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## APPENDIXES

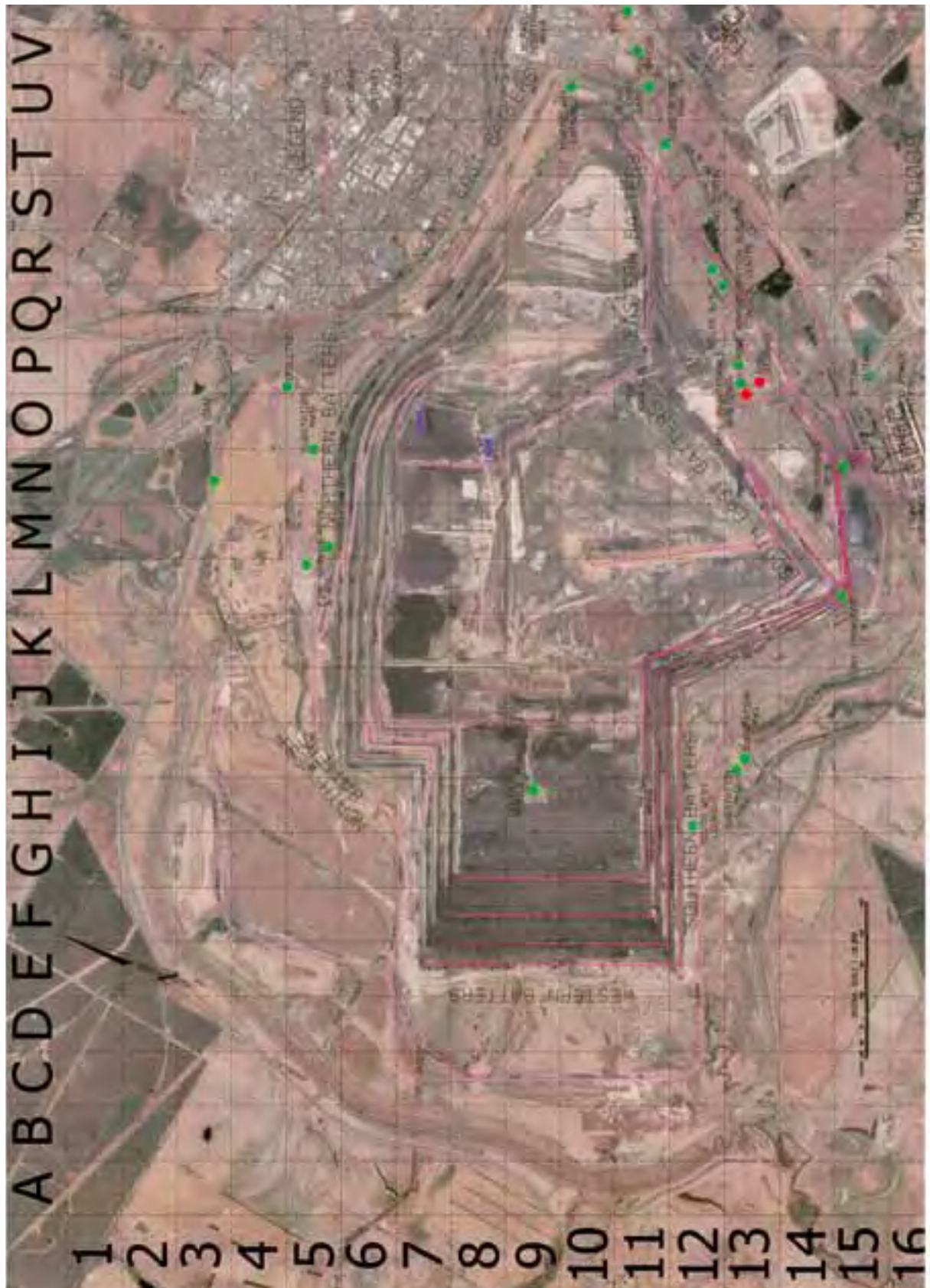
Appendix A Aerial map of Morwell  
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Environment Victoria

## APPENDIX A AERIAL MAP OF MORWELL





# APPENDIX B GRID OF MINE



## APPENDIX C INQUIRY PERSONNEL

The following people were engaged to assist the Inquiry during its various phases.

Family name	First name	Position
Crook	Rebecca	Senior Paralegal
Harrison	Hayley	Administrative Assistant
Hauraki	Rawinia	Stenographer
Hay	Sally	Office Manager
Horsfield	Sam	Editor
Kolyunski	Lana	Community Engagement Manager
Lanyon, Dr	Elizabeth	Head of Secretariat
Matters	Tracey	Media and Communications Manager
Meade	Stephen	Senior Legal Adviser
McLaughlin	Daniel	Assistant Transcriber
Mitchell	Brooke	Principal Adviser
Pascoe	Laura	Legal Adviser
Pieris	Gregory	Legal Adviser
Richards SC	Melinda	Counsel Assisting
Rozen	Peter	Counsel Assisting
Skelley	Miranda	Legal Adviser
Stansen	Justine	Principal Legal Adviser
Wallace	Joanne	Policy Adviser

Note: Only those individuals who worked with the Inquiry for two weeks or more are listed.



## APPENDIX D WITNESSES

The table below lists the witnesses who appeared before the Inquiry. Some witnesses appeared more than once.

Title	Name	Role
Ms	ANDREW, Karen	Community witness; Youth Suicide Prevention Counsellor, Ramahyuck District Aboriginal Corporation
Mr	BARRY, Robert	Incident Controller and Regional Director for Barwon South West Region, Country Fire Authority
Dr	BROOK, Christopher	State Health and Medical Commander and Chief Adviser on Innovation, Safety and Quality, Department of Health
Mr	BROWN, William	Community witness; former Fire Services Officer at the Hazelwood Mine
Ms	BURKE, Brooke	Community witness; Morwell Business Owner
Prof.	CAMPBELL, Donald	Expert witness; Professor of Medicine, Southern Clinical School, Monash University and Program Director, General Medicine Program, Monash Health
Prof.	CLIFF, David	Expert witness; Professor of Occupational Health and Safety in the Minerals Industry and Director, Minerals Industry Safety and Health Centre, University of Queensland
Mr	DRUMMOND, Lachlan	Expert witness; Consultant, Research and Strategy Lead, Redhanded Communications
Mr	DUGAN, Robert	Mine Production Manager, Hazelwood Power Corporation Pty Ltd
Mr	ELLIS, Simon	Community witness; former President of Voices of the Valley
Mr	FAITHFUL, James	Technical Services Manager - Mine, Hazelwood Power Corporation Pty Ltd
Mr	FRESHWATER, Graeme	Community witness; former Mine Manager at the Hazelwood Mine
Mr	GAULTON, Robert	Community witness; former Mine Geologist with the Hazelwood Mine
Mr	GRAHAM, George	Asset Manager, Hazelwood Power Corporation Pty Ltd
Mr	HALL, Alan	State Recovery Coordinator and Director Performance Regulation and Reporting, Department of Human Services
Ms	HAMILTON, Vicki	Community witness; Chief Executive Officer and Secretary, Asbestos Council of Victoria and Gippsland Asbestos Related Diseases Support Inc.
Mr	HARKINS, Steven	Director, People, Culture and Environment, Hazelwood Power Corporation Pty Ltd
Mr	HAYES, Kevin	Field Subject Matter Expert and Workplace Inspector, Earth Resources Unit, Victorian WorkCover Authority
Mr	HAYNES, John	Incident Controller and Deputy Chief Officer, Country Fire Authority
Mr	INCOLL, Roderic	Expert witness; Bushfire Risk Consultant
Mr	JACKMAN, Robert	Community witness; Morwell resident
Mr	JEREMIAH, Lawrence	Incident Controller and Regional Business Manager, Department of Environment and Primary Industries
Mr	KATSIKIS, Costa	Deputy Incident Controller and HazMat Unit Commander, Metropolitan Fire and Emergency Services Board

Mr	BLOINK, Simon	Incident Controller and Operations Officer, Country Fire Authority
Mr	FOSS, Barry	Incident Controller and Operations Manger, Country Fire Authority
Mr	KELLY, Robert	Manager, Earth Resources Unit, Victorian WorkCover Authority
Mr	KING, Lance	Coordinator of Emergency Management, Latrobe City Council
Mr	LALOR, Anthony	Community witness; Country Fire Authority Volunteer
Mr	LAPSLEY, Craig	Fire Services Commissioner, Fire Services Commission
Dr	LESTER, Rosemary	Chief Health Officer, Department of Health
Ms	LUND, Tracie	Community witness; Morwell Neighbourhood House Coordinator
Prof.	MACNAMARA, James	Expert witness; Professor of Public Communication, University of Technology, Sydney
Mr	MAUGER, James	1x7 Operator, Hazelwood Power Corporation Pty Ltd
Mr	MERRITT, John	former Chief Executive Officer, Environment Protection Authority
Mr	MITCHELL, John	Acting Chief Executive Officer, Latrobe City Council
Mr	NEIST, Leonard	Executive Director, Health and Safety, Victorian WorkCover Authority
Mr	NORRIS, Jaymie	Acting Manager, Strategic Bushfire Risk Assessment Unit, Department of Environment and Primary Industries
Mr	POLE, Nicholas	Deputy Secretary, Regional Services Group, Department of Education and Early Childhood Development
Mr	POLMEAR, Richard	Carbon Efficiency and Improvement General Manager, Hazelwood Power Corporation Pty Ltd
Mr	PREZIOSO, Romeo	Senior Mine Planner, Hazelwood Power Corporation Pty Ltd
Mr	PULLMAN, Jason	Coordinator of Strategic Planning, Latrobe City Council
Ms	RICHARDSON, Claire	Expert witness; Managing Director and Principal Consultant, Air Noise Environment Pty Ltd
Mr	ROACH, Alan	Security and Emergency Services Manager, Hazelwood Power Corporation Pty Ltd
Mr	ROBERTS, Michael	Detective Inspector, Victoria Police and Officer in Charge of the Arson & Explosives Squad
Mr	STELEY, Doug	Community witness; Country Fire Authority Volunteer
Mr	SHANAHAN, David	Services Superintendent, Hazelwood Power Corporation Pty Ltd
Mr	SULLIVAN, Ross	Incident Controller and Operations Manger, Country Fire Authority

Ms	TABAIN, Merita	Chair, Emergency Management Joint Public Information Committee and Director, Media and Corporate Communications, Victoria Police
Dr	TORRE, Paul	Science Officer and Team Leader, Analysis and Predictions, Environment Protection Authority
Mr	WARRINGTON, Steven	Incident Controller and Deputy Chief Officer – Emergency Management, Country Fire Authority
Mr	WATSON, Adam	Manager of Investigation, Enforcement Group, WorkCover Authority
Ms	WHEATLAND, Annette	Community witness; Gippsland Regional Manager, Southern Cross Care Victoria
Ms	WHITE, Kylie	Executive Director, Earth Resources Regulation Branch, Department of State Development, Business and Innovation
Mr	WHITTAKER, Ray	Community witness; Morwell resident
Ms	WILSON, Lisa	Community witness; Gippsland Homeless Network Coordinator, Quantum



## APPENDIX E INDIVIDUAL SUBMISSIONS

ANDREW, Karen	ELLIS, Simon	MAGUIRE, Brenda	THOMPSON, Catheryn
ARROW, Kaleb	FARMER, Naomi	MARGARET, Gayle	TYLEE, Don
BARFOOT, Jennifer	FARMER, Wendy	MARINO, Antonio	TOSPELL, Sue
BARTHOLOMEUSZ, Pat	FLINT, Brien	MARINO, Maria	WALL, Kerry
BEECHER KELK, Noah	FRESHWATER, Graeme	MARINO, Vince	WALTON, Jennifer
BENEDETTI, Maria	GAULTON, Rob	MASON, David	WEBB, Debra
BERKOVICS, Gerald	GEDDES, Darren	McCUBBIN, Joanna	WIGG, Rosemary
BLANEY, Martina	GILES, Greg	McKELVIE, Malcolm	WILLIAMS, Howard
BOOTHMAN, Carolyne	GITTOS, Craig	McKENZIE-MCHARG, Victoria	WILSON, Lisa
BREWER, Olivia	GLEESON, Regina	MCKERNAN, Michael	YELDS, Robert
BROWELL, Julia	GUNTER, Michael	MIDDLEMISS, Graeme	
BROWN, Julie	HAMILTON, Christine	MORAHAN, Jacinta	
BROWN, William	HARRISON, John	O'BRIEN, Michael	
BURNS, Fred	HEPBURN, Samantha	OHLSON, Kelly	
CABION, Tracy	HIGGINS, Barry	PARNABY, Rose	
CAFFREY, Daniel	HOLLIS, David	PAUL, Marjorie	
CASSON, Avenel	HOWES, James	PAYETTE, Rita	
CHAPMAN, Paul	INCOLL, Roderic	PETERS, Susan	
CHARLESWORTH, Elizabeth	IPSEN, Ron	POPPINS, John	
CLELAND, Brendon	JACKEULEN, Jenny	QUIRK, Elaine	
COLLINS, Margaret	JENKINS, Brendan	REID, David	
COOK, Margaret	JOHN, Antony	ROBINSON, Miriam	
COUSIN, Rosemary	JONES, Roger	SANDS, Wendy	
CRAWFORD, Graeme	JORDAN, Tessie	SESTOKAS, Leah	
DALTON, Mark	KAUFMAN, Ann	SINDT, Christine	
DAVIS, George	KENTSCH, Averil	SLUGA, Sheree	
DI NATALE, Richard	LAIRD, Andrew	STEERS, Jolanta	
DIETRICH, Shaun	LALOR, Anthony	STELEY, Doug	
DIETRICH, Susan	LANGMORE, David	STOCKDALE, Kylie	
DOWLING, John	LEE, John	TARANTO, Giuseppe	
DRAEGER, Ron	LILEY, Alicia	TEMPLE, Robert	
ELLINGHAM, John	LLOYD, Rodney	THOMAS, Max	
	LORD, Chris		

In addition to the public submissions listed above, the Hazelwood Mine Fire Inquiry received a number of confidential submissions.

## APPENDIX F ORGANISATION SUBMISSIONS

Advance Morwell Inc  
Asbestos Council of Victoria  
Australasian Fire and Emergency Service Authorities Council  
Australian Char Pty Ltd  
Australian Medical Students' Association  
Australian Nursing and Midwifery Federation (Victorian Branch)  
Clean Air Society of Australia and New Zealand  
Clean Air Tas  
Communist Party of Australia  
Community Over Mining  
Construction, Forestry, Mining and Energy Union (Mining and Energy Division)  
Deafaccess Gippsland – Victorian Deaf Society  
Deanmac Emergency Services Pty Ltd  
Doctors for the Environment Australia  
Environment Victoria  
Environmental Justice Australia  
Friends of Latrobe City Libraries  
Gippsland Resources Group  
Latrobe City Council  
Latrobe Valley Sustainability Group  
Ratepayers Victoria (Inc)  
Southern Cross Care Victoria (Gippsland)  
Tyrecycle Pty Ltd  
United Firefighters Union  
Victorian Council of Social Service  
Victorian Equal Opportunity and Human Rights Commission  
Victorian Government  
Virtual Operations Support Team Victoria  
Voices of the Valley  
Volunteer Fire Brigades Victoria

## APPENDIX G SUBMISSIONS MADE THROUGH ENVIRONMENT VICTORIA


ALDERWICK, Kath	BURNS, Mark	DUROVIC, Mirjana	HICKS, David
ALLEN, Susan	BURTON, Sean	EDNEY, Annie	HILL, John
ATKINSON, Lorna	BYRNES, Chris	ELISE, Kari	HOBBS, Leanne
AUDLEY, Cathryn	CADUSCH, Matt	ELLISON, Kerrie	HOCKHING, Christine
AZLIN, Pam	CAFFREY, Daniel	ERWIN, Robyn	HOLIAN, Lynne
BADGER, Tiarni	CAMILLERI, Eddie	FABIAN, Kathryn	HOLLIS, David
BAGUANT-ROBINSON, Lavisha	CARBERRY, Joy	FARMER, Wendy	HOLLIS, Deborah
BAGUANT-ROBINSON, Luke	CHAPMAN, Judy	FENTY, Emma	HOWARD, Kate
BAKER, Chris	CHESTER, Leonie	FINDLAY, Lorraine	HOWARD, Monique
BAKOPANOS, Melinda	CHRISTIE, Jean	FLETCHER, Dhugal	HOWARD, Helen
BANJANIN, Mariana	COLLINS, Toby	FOY, Anthony	HOWES, Elizabeth
BARKER, Amanda	CORAM, Malcolm	GARDNER, Robin	HUGHES, David
BARRINGTON, Valerie	CRIPPS, Georgie	GEORGE, Peter	HUTCHINSON, Tanya
BARRY, Glenn	CROMBIE, Diana	GLAISHER, Rosemary	IVANOFF, Nick
BEAVIS, Margaret	CROSSER, Ingrid	GLOVER, Daniel	JACOBI, Lynden
BELL, Doug	CUTTLE, Paul	GOSTELOW, Anne	JAMES, Margaret
BENDALL, Lauren	DAL CASTELLO, Linda	GREENWELL, Keith	JORDAN, Jean
BIGNELL, Nicholas	DALTON, Mark	GRIBBEN, Katharine	KARDARAS, Georgia
BLOMFIELD, Janet	DART, Peter	GRICE, Malcolm	KAYE, Kim
BLOOMFIELD, John	DAVIES, Pagan	GROSSER, Simon	KELLY, Tamsin
BOWEN, Sandy	DAY, York	GUERIN, Roma	KENTWELL, Hamish
BOYD, Jolie	DAY, Helen	GUILLAUME, Annie	KING, Dave
BOYD, Ian	DE FIGUEIREDO, John	GWOSDEZKI, Sonja	KIZINSKA, Rose
BRADLEY, Jennifer	DE ROACH, David	HAMMILL, Denise	KMET, Julie
BRADLEY, Lucie	DE WEAVER, Lynne	HARKER, Jim	KOLIHA, Jerry
BRAKHA, Sally	DEAN, Nicholas	HARRIS, Deborah	KOUVARAS, Linda
BRIODY, Rebecca	DELAND, Donna	HARRIS, Paul	LAMBIE, Colin
BROOKES, Laura	DEVIESSEUX, Shirley	HARRIS, Raquel	LANGAN, Kellie
BROWN, James	DEVINE, Juli	HARRIS, Shuwei	LANGE, Margaret
BROWN, Roger	DEWAR, Steve	HARRISS, Vicki	LANGFOR , Robyn
BRUCE, Leanne	DIAZ, Raquel	HARTNEY, Thomas	LAVERY, Simon
BUCHER, Haydn	DORN, Alison	HAYDON, Belinda	LAW, Samantha
BURGUNDER, Stanley Mark	DORN, Edward	HEADLAM, Freya	LAWTON, Diane
	DUBSKY, Lisl	HENDER, Margaret	LAZARIS, Toula
	DUNNICLIFF-WELLS, Nicola	HENRY, Rocky	LEAHY, Alison

LEENAERTS, Alan	NAHED, Winifred	SEAL, Bronwen	WEIS, Bob
LEIPER, Sean	NEVILL, Kevin	SETIAWAN, Marco	WETHERELL, Sue
LEWIS, Wendy	NOTT, Heather	SHANKLAND, Janine	WHITEOAK, Lois
LINTON, Margerie	NOONTIL, Lucienne	SHERIDAN, Tristarnya	WALSH, Elizabeth
LISLE, Patsy	O'BRIEN, Jennifer	SHIELD, Logan	WALSH, Laurie
LITTLE, Michael	OWERS, Garry	SIEGRIST, Elisabeth	WALTON, Joyce
LOKE, Fong	PALMER, Graham	SLAVIN, Patrick	WARD, Lyndel
LONG, Rosemary	PARKER, Christopher	SMERALDO, Aurelia	WEARING-SMITH, Julie
LONGO, Fernando	PASCOE, Jan	SMITH, Daniel	WILCOX, Sidney
LUCCA-POPE, Liana	PASSMORE, Vicki	SMITH, Maxwell	WINGROVE, Greta
LYNCH, Alexi	PETERSON, Luke	SMITH, Vivien	WORRALL, Judith
MACKINTOSH, Peter	PETTERSON, Michelle	SMYRK, Katherine	ZANDONA, Lisa
MADDOCK, Glenn	PIDCOCK, Caroline	SNAPE AM, Brian	
MAJOR, Guy	PLARRE, Bronwyn	SOMERVILLE, Sienna	
MAY, Julian	POWELL, Elizabeth	STEWART, Robyn	
MCALISTER, Elaine	PROEBSTING, Irene	STRANGER, James	
MCDONALD, Paul	PROUDLEY, Kaye	STRICKLAND, Peter	
MCGLASHAN, Maree	PROUDLEY, Roy	STROUD, Simon	
MCKAY, Maryanne	PUGSLEY, Benjamin	STUDD, Kerri	
MCKINNON, Donna	REES, Bronwyn	SWEENEY, Graeme	
MCMANUS, Michael	REEVES, Pamela	TASOMINOS, Nicolette	
MEE, Richard	RICE, Nigel	TAYLOR, Sally	
MICALLEF, Debra	ROBBINS, Jan	TEH, Jonathan	
MILLS, Craig	ROBERTS, Nigel	THOMSON, Craig	
MILNE, Amelia	RODDA, Alexandra	TIMPE, Thomas	
MISSEN, Owen	ROLFE, Joanne	TOMKINS, David	
MITCHELL-NOLAN, Simone	ROSS, Neil	TRONNBERG, Fredrik	
MONIE, Christopher	ROWE, Colleen	TURNER, John	
MOON, Jeffrey	ROWE, Joan	UPTON, Cait	
MORAN, Karen	ROWLANDS, Sharron	VACAREZ, Paola	
MORRIS, Rohan	RUSSELL, Morgana	VAN DER VELDEN, Jason	
MUNRO, Fiona	RUTKOWSKI, Ludmila	VAN MOORST, Harry	
MURDOCH, Hugh	RYAN, Catherine	VANHERPEN, Jane	
MURRAY, Anne-Marie	SAUNDERS, Wayne	VUILLERMIN, Lesley	
NAHED, Phillip	SEAL, John	WADSWORTH, Paul	





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The background is a solid teal color with several overlapping triangles of varying shades of teal. One large triangle is in the upper left, another is in the lower right, and a third is in the lower left. The text is centered in the middle of the page.

SHORTENED FORMS,  
GLOSSARY AND  
BIBLIOGRAPHY

## SHORTENED FORMS

Acronym	Contractions
ABC	Australian Broadcasting Corporation
ABS	Australian Bureau of Statistics
AEGL	Acute Exposure Guideline Levels
AIIMS	Australasian Inter-service Incident Management System
AMS	Air Monitoring Station
AS	Australian Standard
CAFS	Compressed air foam system
CCTV	Closed circuit television
CEO	Chief Executive Officer
CFA	Country Fire Authority
CGEIG	Central Gippsland Essential Industries Group Incorporated
CO	carbon monoxide
CTD	Chronic Technological Disaster
DALY	disability adjusted life year
DEECD	Department of Education and Early Childhood Development
DEPI	Department of Environment and Primary Industries
DHS	Department of Human Services
DNRE	Department of Natural Resources and Environment
DoH	Department of Health
DPI	Department of Primary Industries
DSDBI	Department of State Development, Business and Innovation
DSE	Department of Sustainability and Environment
DTPLI	Department of Transport, Planning and Local Infrastructure
E. coli	Escherichia coli
EES	Environmental Effects Statement
EMC	Emergency Management Commissioner
EMJPIC	Emergency Management Joint Public Information Committee
EPA	Environment Protection Authority
ESLO	Emergency Services Liaison Officer
ESO1	Environmental Significance Overlay – Schedule 1 – Urban Buffer
ESV	EnergySafe Victoria
FSC	Fire Services Commissioner
HARA	Hazelwood Ash Retention Area
HazMat	Hazardous materials and items
HEPA filter	high efficiency particulate air filter
HVP	Hancock Victorian Plantations Pty Ltd
ICA	Insurance Council of Australia
LPP	Local Planning Provisions
LVAMN	Latrobe Valley Air Monitoring Network
MHF	Major Hazard Facility
MFB	Metropolitan Fire Brigade
MHO	MHO power substation
MMH	major mining hazard
MWE	Morwell East power substation

MWN	Morwell North power substation
MWW	Morwell West power substation
NAAQS	National Ambient Air Quality Standards (US)
NATA	National Association of Testing Authorities
NDRRA	Natural Disaster Relief and Recovery Arrangements
NEPC	National Environment Protection Council
NEPM	National Environment Protection Measure
NO <sub>2</sub>	nitrogen dioxide
O <sub>3</sub>	ozone
OHS	Occupational Health and Safety
OHSMS	Occupational Health and Safety Management System
PAH	polycyclic aromatic hydrocarbons
PM <sub>2.5</sub>	particulate matter of 2.5 micrometres or less in diameter
PM <sub>10</sub>	particulate matter of 10 micrometres or less in diameter
ppb	parts per billion
ppm	parts per million
SECV	State Electricity Commission Victoria
SEIFA (IRSED) Rank	Socio-Economic Indexes for Areas (Index of Relative Socio-Economic Disadvantage) Rank
SES	Victoria State Emergency Service
SMS	Safety Management System
sms	short message service
SOP	Standard Operating Procedure
SO <sub>2</sub>	sulphur dioxide
SUZ1	Special Use Zone – Schedule 1 – Brown Coal
TFB	Total Fire Ban
µg/m <sup>3</sup>	micrograms per cubic metre of air
UFU	United Firefighters Union
VCOSS	Victorian Council of Social Service
VECCI	Victorian Employers Chamber of Commerce and Industry
VFBV	Volunteer Fire Brigades Victoria
VicPol	Victoria Police
VOC	volatile organic compound
VPP	Victoria Planning Provisions
VWA	Victorian WorkCover Authority
WHO	World Health Organisation
YLD	years lived with a disability



## LEGISLATION

Shortened form	Act
CFA Act	<i>Country Fire Authority Act 1958 (Vic)</i>
Emergency Management Act	<i>Emergency Management Act 1986 (Vic)</i>
Evidence Act	<i>Evidence (Miscellaneous Provisions) Act 1958 (Vic)</i>
Mineral Industries Regulations	Mineral Resources (Sustainable Development) (Mineral Industries) Regulations 2013 (Vic)
Mineral Resources Act	<i>Mineral Resources (Sustainable Development) Act 1990 (Vic)</i>
Mineral Resources Amendment Act	<i>Mineral Resources (Sustainable Development) Amendment Act 2014 (Vic)</i>
OHS Act	<i>Occupational Health and Safety Act 2004 (Vic)</i>
OHS Regulations	Occupational Health and Safety Regulations 2007 (Vic)
Planning and Environment Act	<i>Planning and Environment Act 1987 (Vic)</i>
Public Health and Wellbeing Act	<i>Public Health and Wellbeing Act 2008 (Vic)</i>

## GLOSSARY

1 x 7 crew	A multi-skilled work-group in the Hazelwood mine that perform tasks such as fire services, earthworks and general maintenance around the mine on a seven day roster.
2 x 12 crew	The operations team at the Hazelwood mine working on day and night shifts.
Area RAE	Mobile air monitoring deployed to Morwell to monitor carbon monoxide levels.
Australasian Inter-service Incident Management System	A nationally recognised system of incident management for emergency services agencies.
batters	An area of the Hazelwood mine, also referred to as the mine wall or a section of the mine wall. The batters may refer to either the individual steeply sloping surfaces between working levels of the mine or the overall mine wall from the bottom of the mine to grass level consisting of individual batters, benches and berms.
benches	Horizontal flat surfaces created by the individual working levels.
berms	The relatively flat surfaces created in batters between working levels of the Hazelwood mine to stabilise the batter or intercept fretted material.
Black Saturday	The Victorian bushfires of Black Saturday, 7 February 2009, that caused the death of 173 people.
bunker	A structure used for the short-term storage of mined coal prior to its use in a power station or other means.
clean water pump	Water pump at the Hazelwood mine that de-waters the aquifer beneath the Hazelwood mine and conveys the artesian water to the Hazelwood pondage.
contained (fire)	The status of a fire where the spread of the fire has been halted, but it may still be burning freely within the perimeter.
containment line	A natural or constructed barrier, or treated fire edge, used in fire suppression and prescribed burning to limit the spread of fire.
control agency	The agency nominated to control the response activities for an emergency.
controlled (fire) or under control	The status of a fire where the complete perimeter of the fire is secured and no breakaway is expected.
fire season	The fire season is also known as the Fire Danger Period. The CFA declares the Fire Danger Period for each municipality (shire or council) at different times in the lead up to the fire season. The Fire Danger Period may be declared as early as October in some municipalities and typically remains in place until the fire danger lessens, which could be as late as May.
dredger	A bucket-wheel digging machine that digs coal out from the batters of the mine, and deposits the coal onto the conveyor system that carries the coal to the power station.
DustTrak	Mobile air monitoring equipment deployed to Morwell to produce indicative data for PM <sub>2.5</sub> .
ember attack	Occurs when embers carried by the wind ignite spot fires ahead of the firefront.
embers	Burning twigs, leaves and other debris that are carried by the wind.
Emergency Warning	One of the levels of alerts used to warn the community during an emergency. The message for an Emergency Warning is, 'you will be impacted by the emergency. You are in danger and must take action immediately'. The message will usually be preceded by the Standard Emergency Warning Signal.
Fire Alert (Hazelwood mine)	A Fire Alert is declared at the Hazelwood mine when severe fire weather conditions exist. A Fire Alert triggers precautions, such as fire watch, prohibition of burning and welding, access and wetting down.
fire break	Any piece of land where fire fuel has been physically removed to create a gap between an area of uninterrupted fire fuel. The fire break may be an area of exposed earth, a sand track, a bitumen road, or a water body.
fire danger rating	The prediction of how a fire would behave if started, including how difficult it would be to put out. The higher the rating, the more dangerous the conditions.

firefront	Also called the head of the fire. A firefront is where a fire is making greatest progress (usually downwind), as measured by its forward rate of spread. Flames are tallest and the intensity of the fire is greatest at the fire front. The firefront is affected by wind direction, fuel and topography and can change as these factors change.
fireground	The area where the fire is actively burning.
fire hole	Fire holes are areas of heat within coal seams under the earth. As coal is fractious, fissures are created within the seams, allowing oxygen to reach a hot spot and ignite a fire. Fire holes occur naturally at the Hazelwood mine.
flank of the fire	Refers to the sides of the fire, as distinct from the front of the fire.
going (fire)	The status of a fire that is expanding in a certain direction or directions.
hot spot	An active part of a fire. Also used to refer to a fire hole.
hot works	Hot works at the Hazelwood mine refer to cutting, grinding or welding.
Level 1 fire incident	A small, simple fire (or group of fires) which is able to be controlled using local resources.
Level 2 fire incident	A fire that cannot be contained by the first attack of local resources.
Level 3 fire incident	A large or complex fire where resources from a range of locations are involved.
major hazard facility	A facility at which there is a potential for a major incident to occur. A major incident includes an uncontrolled incident involving fire which poses a serious and immediate risk to health and safety.
major mining hazard	Hazards that carry a significant risk of causing more than one death.
MoLab	Mobile air monitoring equipment deployed to Morwell to monitor air quality.
overburden	The clay, gravel and soil that covers coal and which is removed in the mining process.
passive samplers	A type of air sampling device. Passive samplers do not actively sample by drawing (pumping) an air stream across a sensor, but usually have a membrane or surface that interacts with the immediately adjacent air.
permanent monitoring stations	Stations managed by the EPA that monitor ambient air quality in permanent locations throughout Victoria.
operating area (Hazelwood mine)	The western batters or west field, where coal is currently being extracted.
reticulated fire services water system	Also known as the fire service network. The system consists of a pipe network which supplies water to sprays and hydrants (including tanker filling points) in the mine.
safe (fire)	The status of a fire where no further suppression action or patrols are necessary.
shelter in place	An emergency response action recommended to the community for safety purposes when the outdoor atmosphere is too toxic. Shelter in place means to take shelter indoors, to seal off windows, doors and vents, and to listen for further instructions from emergency services.
slot bunker	A central point at the Hazelwood mine where the coal is delivered from the mine and then sent onto the Hazelwood Power Station.
spot fire	Spot fires are new fires that occur ahead of the main fire. They are usually started by embers.
spotting	The ignition of spot fires from sparks and embers.
State Emergency Warning System	Or Standard Emergency Warning Signal – designed to alert the public via a media announcement that an official emergency announcement is about to be made concerning an actual or potential emergency which has the potential to affect the public.
strike team	A team of five like CFA vehicles (eg tankers) and a command vehicle, all fully crewed.
tanker filling point	An area where a mobile tanker can refill with water.
TravelBLANKET	Mobile air monitoring equipment deployed to Morwell to produce indicative data for PM2.5 measures.
Watch and Act	One of the levels of alerts that are to warn the community during an emergency.
western batters or west field	The western area at the Hazelwood mine where coal is currently being extracted. Also known as the Operating Area.
worked out batters	Batters located in the worked out areas of the Hazelwood mine.
worked out areas	The areas within the Hazelwood mine where coal mining no longer takes place.

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