

Coal Services Order 34 Regional Communication Workshop - Newcastle 20 November 2019



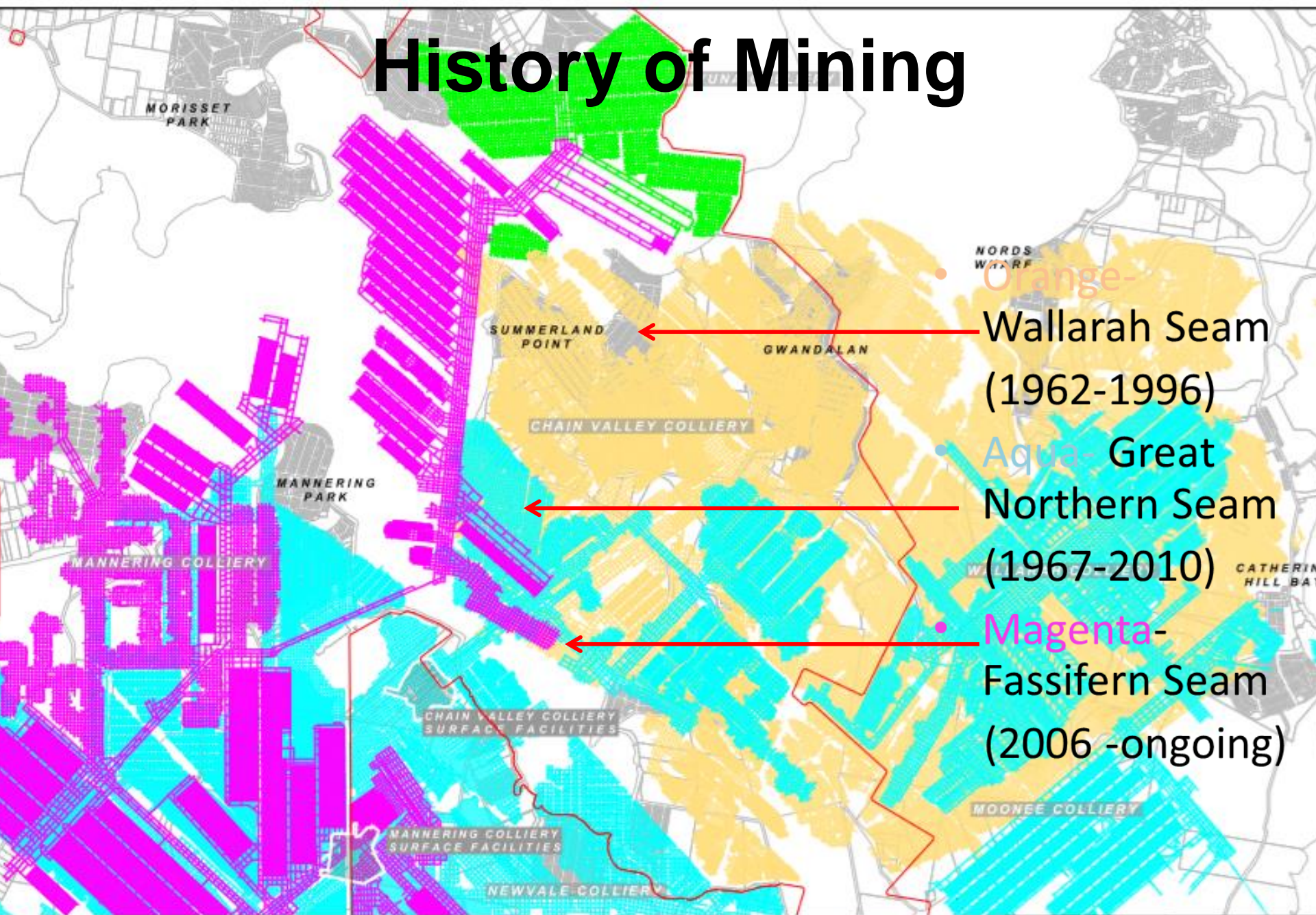
Chain Valley Colliery – Mine Ownership over the years



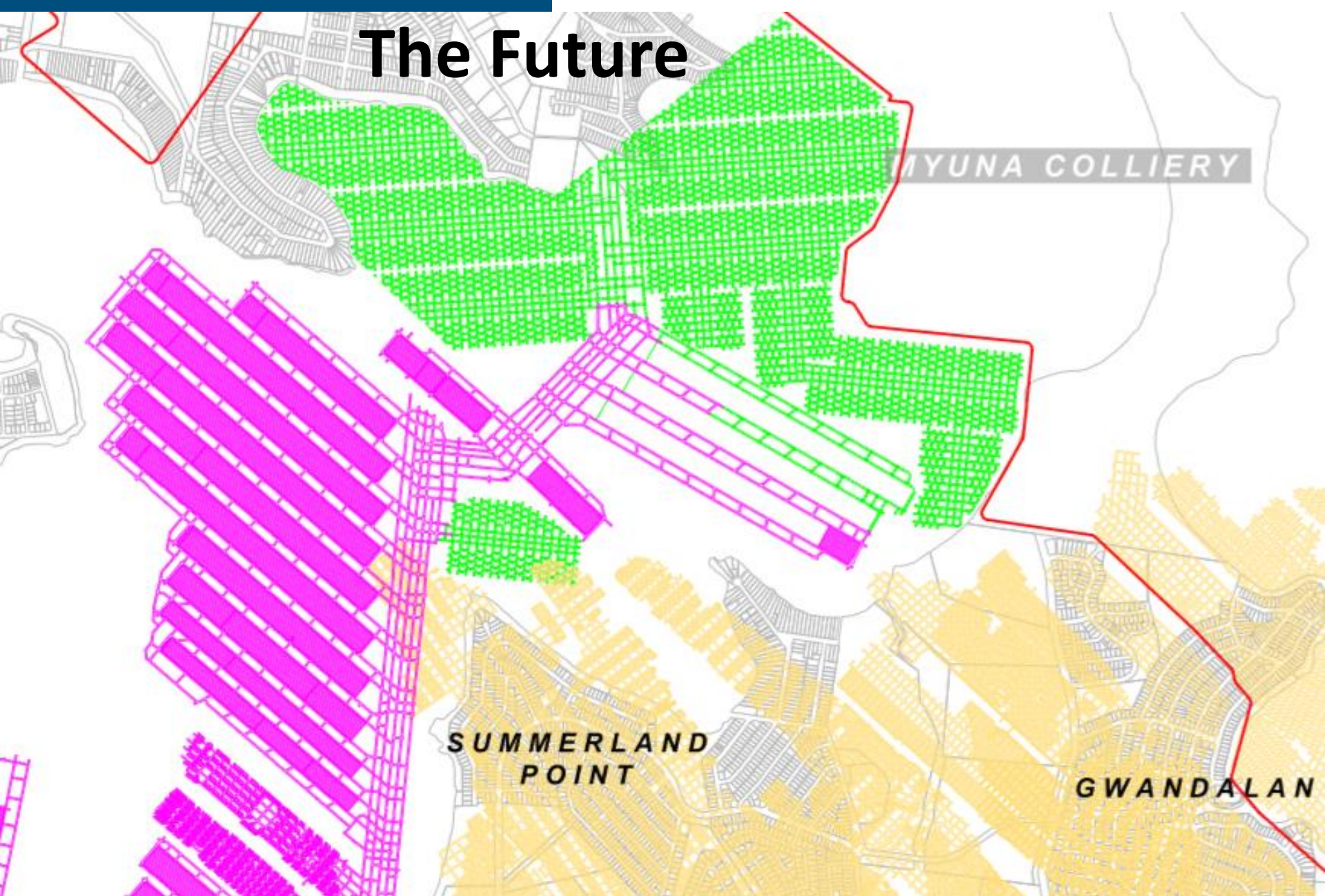
- J&A Brown & Seaham Collieries - 1962
- Coal & Allied 1984 -94
- Coal Operations Australia Limited 1994-98
- BHP Billiton – Ingwe JV 1999
- Kepple Mining 2000
- Labour Co-op 2002
- Excel Mining 2003
- Peabody 2006
- LDO 2010
- Delta Coal (Delta Electricity) 2019



History of Mining



The Future



Chain Valley Colliery – Mining Methods Over time



In Place Mining - Bord and Pillar



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Chain Valley Colliery – Mining Methods Over time



Pillar Extraction: Breaker Line Supports



Chain Valley Colliery – Mining Methods Over time



Place Change Mining



Chain Valley Colliery – Mining Methods Over time



Minwall – 95m void



Chain Valley Colliery – Mining Methods Over time: The Future



Herring Bone

- Use of Monorail (Dev)
- Mobile bootend
- Limited Heading development

Commendable Practice - Guest Speakers

- *Use of guest speakers to discuss serious incidents and experiences or to reinforce expected behaviours.*
- *Has significant impact on employee retention and understanding.*

Guest Speakers over time – 3 Categories

- Mental Health
- Workplace Safety
- Leadership & Workforce Culture

1. Mental Health: Dan Hunt

- Broken home – abusive, violence
- NRL – St George
- Representative player
- Wayne Bennet, Wendel Sailor
- Bi-Polar
- Focus-male mental health
- High connection with workforce

DAN HUNT

FREE INDUSTRY
SITE TALKS
PROMOTING
MENTAL HEALTH

St George Illawarra Dragons prop Dan Hunt, retired from the NRL last year at 28 with a knee injury. He had a nine year exclusive career with the Dragons.

The NSW Country Origin representative (2011) won several honours over his nine-year career with the Dragons including a Premiership (2010) and World Club Challenge (2011) as well as being named in the Prime Minister's XIII (2012).

Dan was diagnosed with bipolar II disorder in 2010 and has become passionate about increasing awareness around mental health, especially amongst men.

He has been studying at TAFE and the University of Wollongong and is now a qualified social worker. He is also employed by the Dragons as an

1 in 5 workers
suffer from mental
health issues
every year

CONTACT KRISTY PRIOR TO
ORGANISE A PRESENTATION
AT YOUR SITE 0409 836 441

Dates available

Friday 1 April
Monday 4 April
Wednesday 6 April
Friday 8 April

Saturday 2 April
Tuesday 5 April
Thursday 7 April

1. Mental Health: Tarnya Davis EAP



- Clinical & Forensic psychologist
- Principal of NewPsych
- Delta Coal EAP
- Very positive response
- Discussion of everyday problems that we all come across
- *People having tough times are more likely to hide it, than talk about it.*
- Very effective during last year's receivership
- Post receivership – improved uptake



2. Workplace Safety: Ben Houlison



***“Tough things happen to people but
Tough people make things happen”***

- May 2004 Clarence Colliery - Paraplegic
- Represented Australia rowing
- Icare NSW – speaking about workplace safety
- Now runs a farm at Harlty, NSW
- Tells his journey and the impacts of workplace safety
- *“keep ignoring it and something will happen to you”*



2. Workplace Safety: James Wood



“Safety is a choice you make”

- Sept 1985 Broken back/damaged spinal cord in truck accident (no seat belt)
- *This doesn't happen to me – it happens to others in the workplace*
- Connection between safety and making the wrong choices – its up to you
- CNB SAFE Safety Speakers



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2. Workplace Safety: Dean McSporran



***“Don’t take risks, don’t be complacent, take time for safety.
Remember a work place injury doesn’t just affect you”***

- March 2008 Mine Accident - Austar
- Lost his left arm
- Connection between safety and all the things in life we love
- The affect on others of workplace accidents
- Safety or Sorrow - workforce interactions

The incident occurred because the twin wing drill bit was able to engage the roof mesh, and the measures to prevent unplanned rotation of the drill steel were inadequate. There were also insufficient safeguards to ensure separation at all times between the workman and moving powered equipment. **Photo 1**
Result of the drill rotation incident on 3 March 2008
A 27mm twin wing drill bit and drill steel that has engaged a strand of rib mesh. Mesh is wrapped around drill steel after rotation occurred





It's your
family and
all the
things
around you

3. Leadership & Workforce Culture: Paul Harrogan



“Be the Player that other players want to play with”




- Building a team culture
- High correlation between mining at the coal face and NRL– dependent on each other
- *Don't change my circumstanceschange me...and live with the change*
- Respect & Leadership – e.g Mal O'Reilly
- The little thingsfor a push button start
- High connection with workforce



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Alternative - Excellent workforce video





On 19 November 2010, 29 men died in an explosion at the Pike River Coal Mine near Greymouth in New Zealand.

How could those deaths have been prevented and what were the lessons from previous mining disasters in New Zealand and Australia that went unheeded before this tragedy occurred?

The purpose of this program is to prevent more tragedies by encouraging people at every level in the mining industry to learn those lessons.

Pike River Royal Commissioner, Stewart Bell, details evidence given to the Commission that identified a raft of health and safety management issues at the Pike River Coal Mine. Commissioner Bell notes that many of the recommendations made following the Pike River enquiry were strikingly similar to other recommendations made many times following other earlier mining disasters in New Zealand and Australia.

"For as long as mining has existed, tragedies like the one at Pike River have occurred. Mine safety has improved but we continue to lose miners and mines in incidents and disasters around the world. It is possible to operate our mines safely but that can only be done by ensuring we learn the lessons from those disasters that have occurred."

Mark Parcell
Mine Safety Institute of Australia


This DVD includes:

- Pike River - A Failure to Learn (program duration 36 mins approx)
- Brothers 29 - Paul McIndoe's tribute to the lost miners
- 17 - Gary McCormick's poem for Joseph Dunbar who died at Pike River

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PIKE RIVER A failure to learn



In November 2010 an explosion at the Pike River Coal Mine on New Zealand's west coast killed 29 men.

What are the lessons to be learned from New Zealand's worst mining disaster in almost 100 years and how could the deaths of those 29 men have been prevented?



Learnings/Outcomes from guest speakers:



Ask yourself – what do I want to get out of this presentation – what themes

- Give the guest speaker key background on current issues at the mine so that correlations can be made between focus of the speaker and the mine
- Entertainment – involve comedy/interesting view points where possible
- Personal stories that the workforce can relate to and understand
- Highlights the importance of our Safety Management Systems through a totally different perspective
- We owe it to our workforce to engage these guest speakers – to share their journey so as to educate our people with “life skills”

3. Leadership & Culture: 2020 Workforce Presentation



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