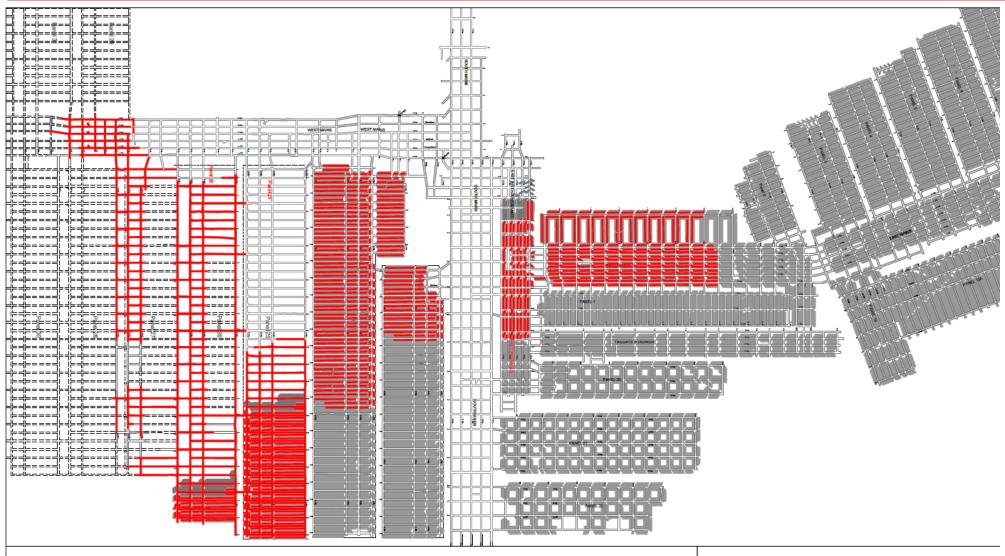


Abel Mine Development – 2014 YTD



Metres Advance for January - August 2014 24,390.2



ABEL MINE Monthly Metres Advance January -August 2014

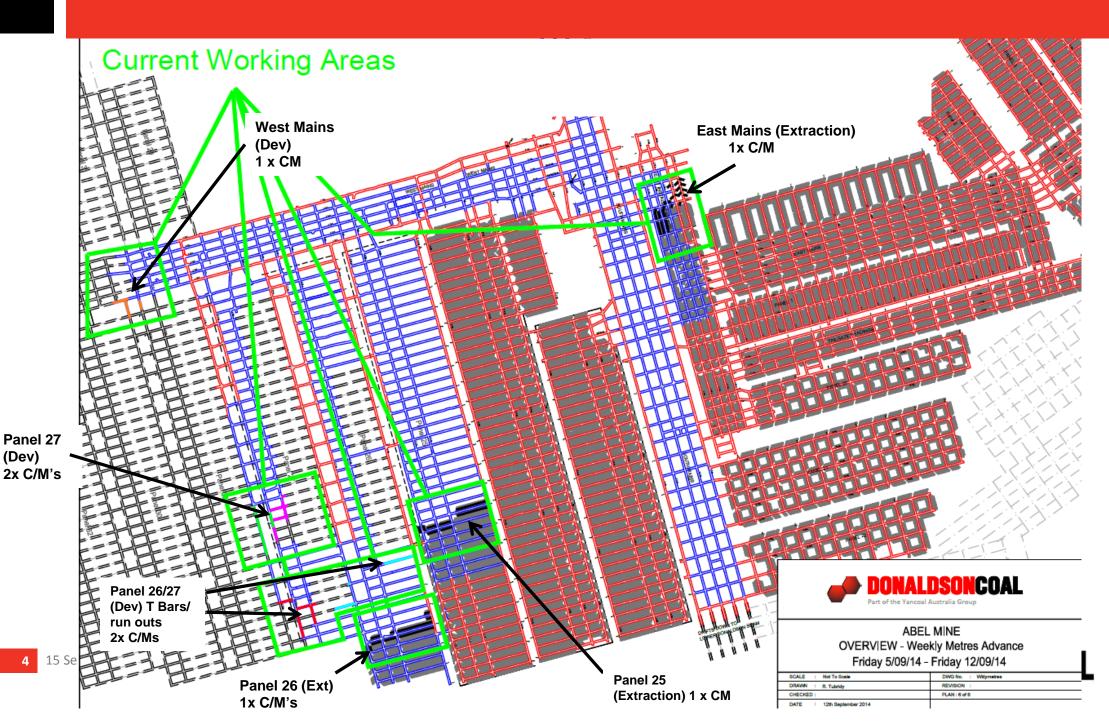
CALE : N.T.S. DWG No. : Mithlymetre
RAWN : M. Wright REVISION :

Abel Mine YTD Production (to end Aug 2014)

	Actual	Budget	Variance
Development (m)	24,390	30,233	-5,843
Development (t)	488,000	660,627	-172,627
Extraction (t)	1,168,000	1,198,224	-30,224
Total UG ROM (t)	1,655,400	1,858,851	-203,451



Abel Current Mining Areas



Environmental Update

- No Community Complaints
- No Environmental Incidents reported.
- Abel Annual Environmental Management Report submitted to DoPE and DRE.
- Submitted the revised Aboriginal, Noise, Water and Rehabilitation Management Plans to the DoPE.
- Submitted revised Abel Mining Operations Plan and received approval.
- Received Noise Monitoring report for June 2014. No issues identified.
- Abel EPA Annual Return submitted.



Pambalong Wetlands Study

- "This document reports on results of the sixth annual baseline monitoring event at Pambalong Nature Reserve. Detected during this survey were
- 101 flora species and
- 114 fauna species comprising eight frog, 20 mammal (14 bat), one reptile, and 85 bird species.
- Threatened species recorded included 5 microbats and one bird (Varied Sittella).
- No new flora species were recorded and no significant changes to the spatial extent of vegetation communities were observed".
- Level and water quality monitor to be installed by Tom Farrell Institute sponsored by the Donaldson Conservation Trust



Noise Monitoring - June 2014

Based on the results and observations from operator attended surveys, contributed noise levels from Donaldson Mine have been demonstrated to comply with noise emission goals for all periods.

Abel Mine operations at the CHPP were only faintly audible at Location G, I and L during the night-time monitoring period. Abel portal operations were not observed to be audible at any other locations during the monitoring period and as such contributed noise levels from Abel Mine did not exceed noise emission goals (including night-time sleep arousal criteria) and were in compliance with the Abel Mine *Project Approval* at all locations.

A comparison of ambient La10 and La90 noise levels recorded during the current monitoring period (June 2014), the baseline monitoring period, the last monitoring period (March 2014), and the coinciding monitoring period from last year (June 2013) has been conducted.

An assessment of the rail noise impact was also undertaken, determining compliance with the criteria stated in **Section 2.2**



Winter Flora Fauna Monitoring

- A total of 45 fauna species were detected during the 2014 winter monitoring period
- 32 birds
- 12 mammals
- 1 amphibian.
- Three of these, two microbats, Little Bentwing-bat (Miniopterus australis) and Southern Myotis (Myotis macropus) and one owl, Masked Owl (Tyto novaehollandiae) are listed as Vulnerable under the Threatened Species Conservation Act 1995 (NSW).

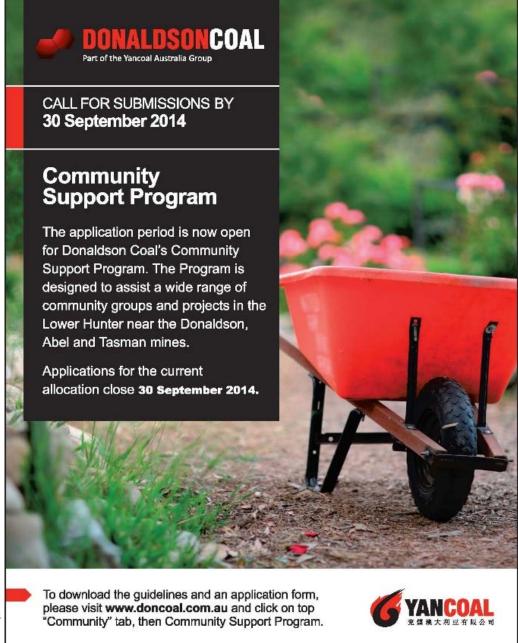


Winter Flora Fauna Study



Short-beaked Echidna crossing the main entrance road in the vicinity of an area which was recently rehabilitated

Community Support Program





SMP Update – Area 3

- A revised Public Safety Management Plan for P26 was submitted to DTIRIS and approved
- DMMS complete for Harding property (including dam failure assessment)
- P26 subs monitoring program submitted to PSE and approved
- Telstra Management plan for P26 was prepared and submitted to DITIRIS and approved
- Subsidence remediation work carried out on 1 property in relation to cracking (Quarry)



Blackhill Road Under Mining Update



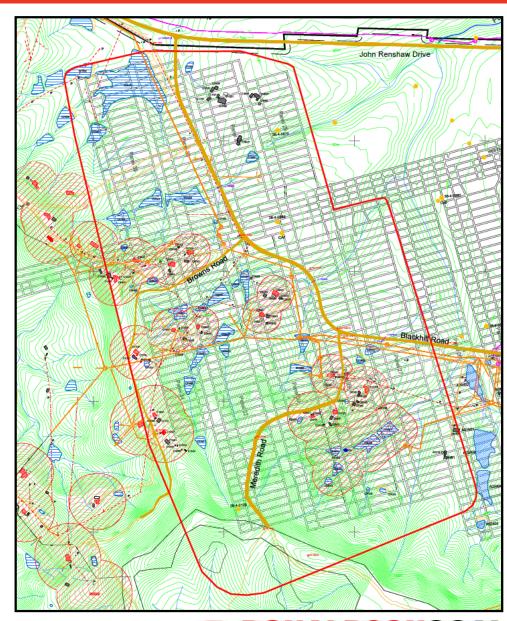
- Panel 25 is expect to commencing impacting Blackhill road in next 4 weeks (similar monitoring program to be implemented)
 - Letter box drop and notice published in newspaper within the next few weeks
- Panel 26 Jan/ Feb 2015
- Panel 27 Mar/April 2015





SMP/Extraction Plan Area 4 Update

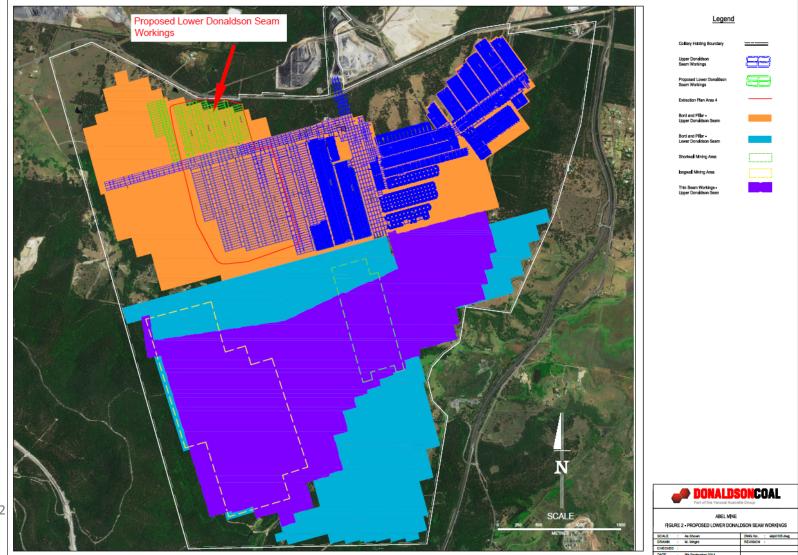
- DRE has finalised their assessment of Area 4. DPE still to finalise their assessment - Expected Approval date 22 Sep 2014
- Ausgrid Powerline MP finalised
- Telstra MP finalised for Panels 27,28,29
- Slope Stability Assessment being conducted by SCT/GHD
- Commenced Osborn PSMP and DMMS
- Meeting held with 1 property owner in relation to the large dam above Panel 33/35 (Talley Dam)
- Panel 27 to commence once EP/SMP approved.





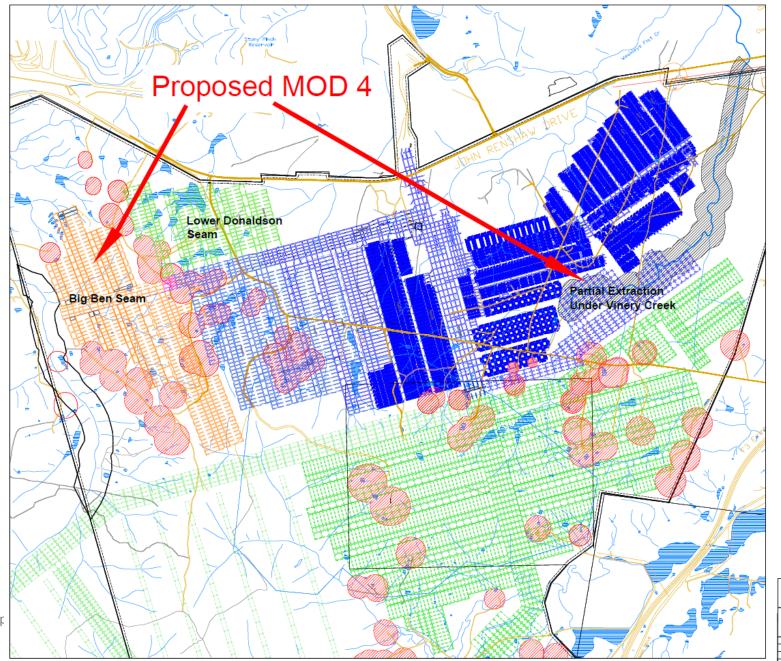
Proposed Lower Donaldson Seam Workings

- Letter sent to DPE requesting determination of Mining in LD seam
- Seam quality in UD seam deteriorates to the West



Australia Group

MOD 4 application



Legend

Colliery Holding Bounds

==

Seam Workings

E#E3

Seam Workings

EBE

Seam Workings

CS.

