



AUSTRALIAN RAIL TRACK CORPORATION LTD

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Western Division

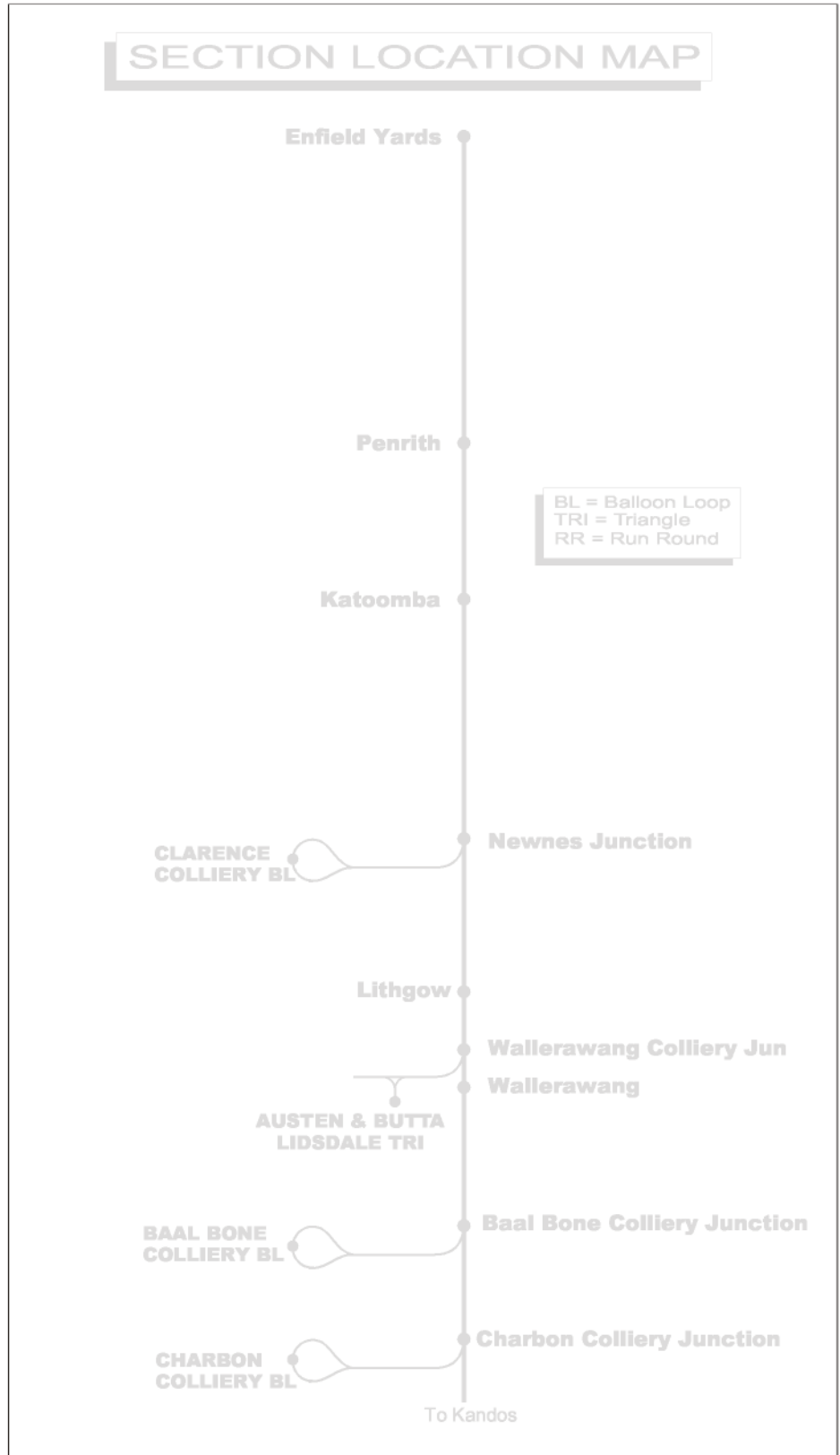


- ***Home Page***
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TRAIN OPERATING CONDITIONS

Western

coal train working



WESTERN COAL TRAIN WORKING PAGES**Status sheet 7 (Issued August 2004)**

This table shows the current status of units in this manual.

This sheet must be used to check that your manual contains all of these units and that each unit is up to date.

When a new status sheet is forwarded to you, it is your responsibility to add, remove or replace any pages or units from this manual as instructed in the **bold** print on the new status sheet.

COAL TRAIN WORKING

Page	Issued
Section Location Map	July 1999
1	August 2004
2	August 2004
3	August 2004
4	August 2004

EMPTY LOADS & CONDITIONS		LOCOMOTIVE CLASS	LOADS TONNES					TRAIN DATA		NOTES
SECTIONS		+ = PLUS / = OR	Number Of Locomotives					VEHICLE CLASS	SECT RUN TIMES	
			SINGLE	DOUBLE	TRIPLE	QUAD	QUIN			
1	ENFIELD – CLARENCE	L3/L4	--	--	--	1125	--	C/F	1	
2	ENFIELD – LIDSDALE	L3/L4	--	--	--	1125	--	C/F	1	
3	ENFIELD – BAAL BONE	L3/L4	--	--	--	1125	--	C/F	1	
4	ENFIELD – CHARBON	L3/L4	--	--	--	1125	--	C/F	1	

DOWN	SECTIONAL RUNNING TIMES							FULL SECTIONAL LOADS							GRADES	
	Arr	Dep	1						L3	L4						
ENFIELD YARDS			↘						↘	↘						↘
ENFIELD NORTH			4						2659	2514						1:100
CHULLORA JUNCTION			7						4274	4044						Down Grade
FLEM GOODS JUN			8						2659	2514						1:100
LIDCOMBE			3						2659	2514						1:100
AUBURN			3						4274	4044						Down Grade
CLYDE			2						2858	2702						1:110
GRANVILLE			2						3047	2882						1:120
PARRAMATTA			2						4274	4044						Level
WESTMEAD			2						2227	2104						1:80
SEVEN HILLS			5						1992	1882						1:70
BLACKTOWN			2						2339	2211						1:85
ST MARYS	+3	+2	10						2227	2104						1:80
PENRITH			6						2111	1995						1:75
EMU PLAINS			2						4274	4044						Level
GLENBROOK			10						1743	1646						1:60
VALLEY HEIGHTS			11						1743	1646						1:60
SPRINGWOOD			3						872	822						1:33
LAWSON			23						872	822						1:33
WENTWORTH FALLS			9						872	822						1:33
KATOOMBA			10						872	822						1:33
MT VICTORIA			17						1894	1789						1:66
NEWNES JUNCTION			14						2111	1995						1:75
ZIG ZAG			9						4274	4044						Down Grade
LITHGOW YARD			6a						4274	4044						Down Grade
LITHGOW			7						4274	4044						Down Grade
WALLERAWANG			13						1894	1789						1:66
BAAL BONE JUN			23						1479	1396						1:50
BAAL BONE COLL			15a													
CLANDULLA			57a						1200	1131						1:40
CHARBON JUN			4a						4274	4044						Down Grade
CHARBON COLLIERY			4a													

LOADED LOADS & CONDITIONS	LOCOMOTIVE CLASS	LOADS TONNES					TRAIN DATA		NOTES
		Number Of Locomotives					VEHICLE CLASS	SECT RUN TIMES	
SECTIONS	+ = PLUS / = OR	SINGLE	DOUBLE	TRIPLE	QUAD	QUIN			
1 CHARBON – ENFIELD	L3/L4	--	--	--	4500	--	C/F	5	
2 BAAL BONE – ENFIELD	L3/L4	--	--	--	4500	--	C/F	5	
3 LIDSDALE – ENFIELD	L3/L4	--	--	--	4500	--	C/F	5	
4 CLARENCE - ENFIELD	L3/L4	--	--	--	4500	--	C/F	5	

UP	SECTIONAL RUNNING TIMES								FULL SECTIONAL LOADS								GRADES
	Arr	Dep	1	2	3	4	5		L3	L4							
CHARBON COLLIERY								3									-
CHARBON COLL JUN								4									
CLANDULLA								7	1200	1131							1:40
BAAL BONE COLL								3									-
BAAL BONE JUN								9									
BAAL BONE JUN								68a	1479	1396							1:50
WALLERAWANG								41	1479	1396							1:50
LITHGOW								19	2227	2104							1:80
LITHGOW YARD								2	3562	3369							1:150
ZIG ZAG								--	1200	1131							1:40
NEWNES JUNCTION								21	2449	2315							1:90
MT VICTORIA								19	2449	2315							1:90
KATOOMBA								19	2227	2104							1:80
WENTWORTH FALLS								17	4274	4044							Down Grade
LAWSON								10	4274	4044							Down Grade
SPRINGWOOD								31	4274	4044							Down Grade
VALLEY HEIGHTS								3	4274	4044							Down Grade
GLENBROOK								10	4274	4044							Down Grade
EMU PLAINS								12	4274	4044							Level
PENRITH								4	4090	3869							1:186
ST MARYS								7	1894	1789							1:66
BLACKTOWN								12	2227	2104							1:80
SEVEN HILLS								3	4274	4044							Down Grade
WESTMEAD								6	2576	2435							1:95
PARRAMATTA								3	4274	4044							Down Grade
GRANVILLE								3	4274	4044							Down Grade
CLYDE								2	4274	4044							Down Grade
AUBURN								2	2659	2514							1:100
LIDCOMBE								3	3047	2882							1:120
FLEM GOODS JUN								2	2659	2514							1:100
CHULLORA JUNCTION								6	2659	2514							1:100
ENFIELD YARDS								4a	2659	2514							1:100

Assisting Lithgow to Zig Zag

1. The assist locomotive can be marshalled either on the front or on the rear of the train depending upon operational requirements and vehicle gross masses in the trailing 1000 tonnes of the consist as outlined in the following table:

a.

MAXIMUM HORSEPOWER OF BANK LOCOMOTIVES = 4000	Minimum allowable vehicle mass 16 tonnes	LEADING TONNAGE	TRAIN LOCOS
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b.

MAXIMUM HORSEPOWER OF BANK LOCOMOTIVES = 8000	Minimum allowable vehicle mass 40 tonnes	LEADING TONNAGE	TRAIN LOCOS
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c.

MAXIMUM HORSEPOWER OF BANK LOCOMOTIVES = 12000	Minimum allowable vehicle mass 60 tonnes	LEADING TONNAGE	TRAIN LOCOS
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2. When trains are **assisted in the lead** from Lithgow, the assist locomotives are to remain on the train until it arrives at Mt. Victoria. This is to avoid the situation of removing the assist locomotives from the train at Zig Zag whilst a portion of the train is still on the rising 1 in 40 grade.
3. When trains are assisted in the rear from Lithgow, bank locomotive traction motor currents must not exceed 250 amps on diesel locomotives until all the bank locomotives are on the Main line and completely clear of the crossovers in Lithgow yard.

