



AUSTRALIAN RAIL TRACK CORPORATION LTD

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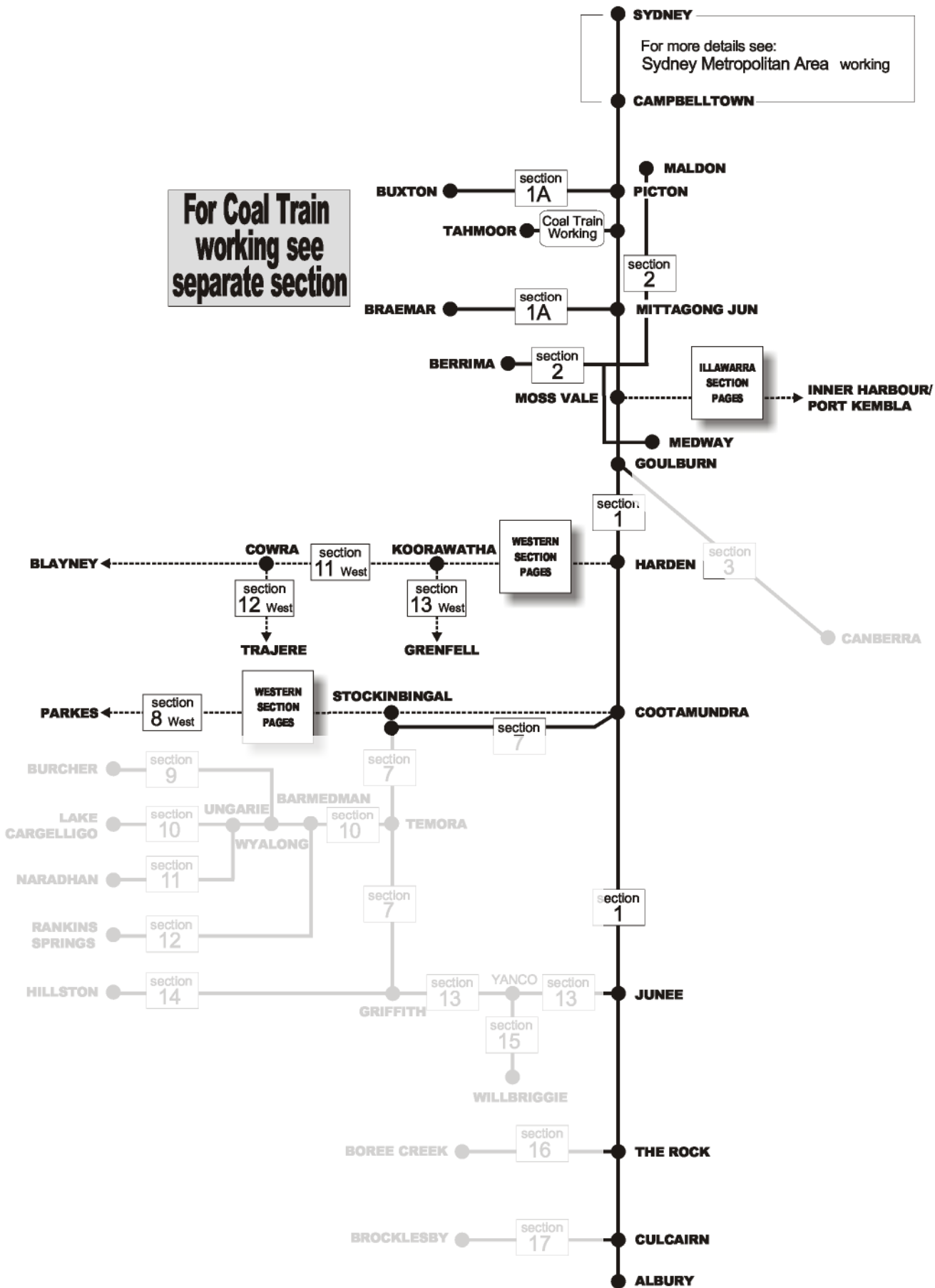
Southern Section Pages

- *Home Page*
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- *Passenger Train running times*
- *Coal train Pages*
- *Track Diagrams - South (In preparation)*

southern

Southern Section Pages

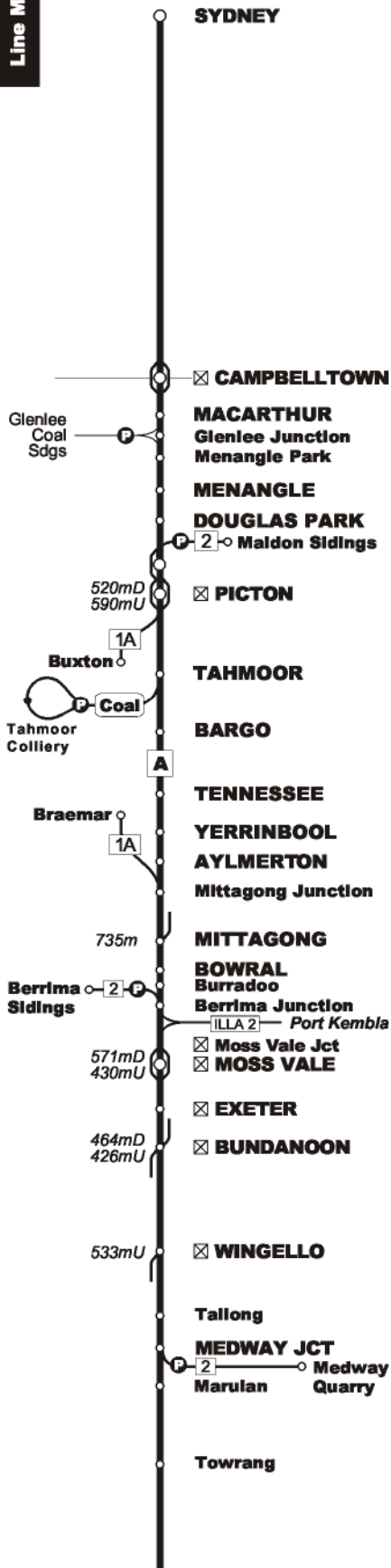
SECTION LOCATION MAP



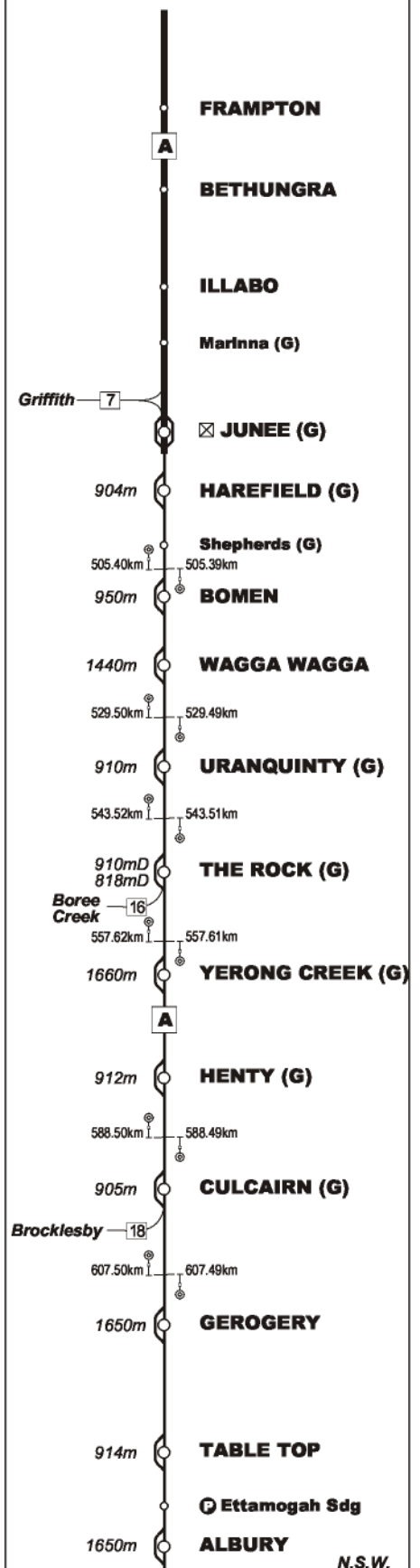
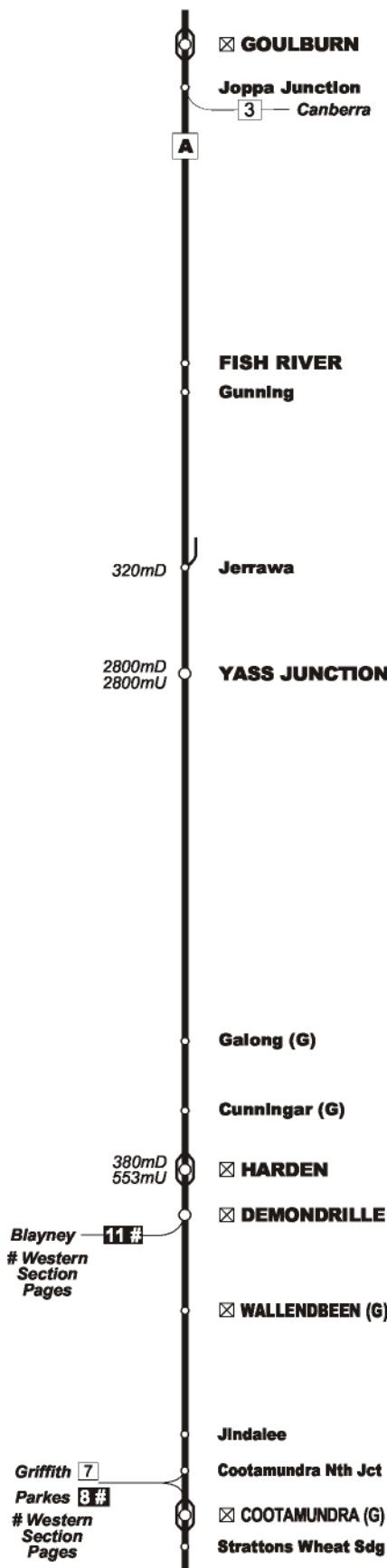
Sydney - Albury

section 1

Line Map



(April 2004)
STH-MAP1



Maximum Speed of Locomotives and Rolling Stock

Maximum Speed of Locomotives and Rolling Stock												
SECTIONS Campbelltown - Albury						SECTIONS Campbelltown - Albury						
Class of Track	1					Notes	Class of Track	1				Notes
Line Map reference	A						Line Map reference	A				
Locomotives						Freight						
Multiple Locos	4						Class A	115				
NR	115						Class B	100				
AN,BL,C,DL	115						Class C	80				
G, X	115						Class D	65				
80,81,82	115						Class E	80				
422	115						Class F	65				
442	115						Class G	N/A				
48, 49	100											
18	90											
							Passenger					
							XPT	160				
							Xplorer	145				
							Diesel Train	115				
							Loco Hauled	115				
Notes							Accident Cranes					
							70 tonne	60				
							110 tonne	115				
							120 tonne	50				
							Notes					

NOTES:

Safeworking System

Campbelltown to Exeter
 Exeter to Bundanoon
 Bundanoon to Wingello
 Wingello to Harden South
 Harden South to Demondrille
 Demondrille to Wallendbeen
 Wallendbeen to Albury

Rail Vehicle Detection
 Block Telegraph
 Block Telegraph
 Rail Vehicle Detection
 Block Telegraph
 Block Telegraph
 Rail Vehicle Detection

DOWN 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	SYDNEY METROP – ALBURY	81/82/G	675	1380	2025	--	--	A	A	1
2	SYDNEY METROP - ALBURY	81/82/G/C	800	1600	2400	3200	--	A	A1	1
3	SYDNEY METROP - ALBURY	80/422	500	1000	1500	2000	--	A	A1	1
4	SYDNEY METROP - ALBURY	C+422	--	1300	--	--	--	A	A1	1
5										
6	SYDNEY METROP - ALBURY	81/82/G	970	1940	2910	3880	--	A	A2	1
7	SYDNEY METROP - ALBURY	C	875	1750	--	--	--	A	A2	1
8	SYDNEY METROP - ALBURY	80/422	610	1220	1830	--	--	A	A2	1
9	SYDNEY METROP - ALBURY	C+422	--	1360	--	--	--	A	A2	1
10	METROP – JUNEE	NR	1300	2600	3900	5200	--	A	A2	1
11	JUNEE – ALBURY	NR	1500	3000	4500	6000	--	A	A2	
12										
13	JUNEE – ALBURY	81/82/G	1650	3300	--	--	--	A	A3	
14										
15	SYDNEY METROP - ALBURY	81/82/G	970	1940	2910	3880	--	ABCE	C1	1
16	SYDNEY METROP - ALBURY	C	875	1750	--	--	--	ABCE	C1	1
17	SYDNEY METROP - ALBURY	80/422	610	1220	1830	2440	--	ABCE	C1	1
18	SYDNEY METROP - ALBURY	442	550	1100	1650	2200	--	ABCE	C1	1
19	MOSS VALE – COOTA WEST	81/82/G	--	--	954	--	--	ABCE	C1	2
20	SYDNEY METROP - ALBURY	18	805	1610	--	--	--	ABCE	C1	
21										
22	SYDNEY METROP - ALBURY	81/82/G	1130	2260	3390	--	--	ABCE	C2	1
23	SYDNEY METROP - ALBURY	80	750	1500	2500	3000	--	ABCE	C2	1
24	SYDNEY METROP - ALBURY	422/442	615	1230	1840	2460	--	ABCE	C2	1
25	SYDNEY METROP - JUNEE	NR	1300	2600	3900	5200	--	ABCE	C2	1
26	JUNEE – ALBURY	NR	1750	3500	5250	--	--	ABCE	C2	
27										
28	COOTAMUNDRA – JUNEE	81	1350	2700	4050	5400	--	ABCE	C3	
29	JUNEE – ALBURY	81/82/G	1650	3300	--	--	--	ABCE	C3	3
30										

Notes:

- (1) All published loads in the Down direction can depart Metropolitan sites via the Main or East Hills line.
- (2) 53 empty NGHF
- (3) Clear run to be given Junee to Wagga Wagga

DOWN		A	A1	A2	A3	C1	C2	C3	ML	BL	LOCO ONLY
SECTIONAL RUNNING TIMES											
ENFIELD YARDS	ENFIELD NORTH	12	12	12		12	12		12	15	12
ENFIELD NORTH	CHULLORA JUN	3	3	3		3	3		3	3	3
CHULLORA JUN	SEFTON PK JUN	8	8	8		8	8		8	10	7
SEFTON PK JUN	LEIGHTONFIELD	3	3	3		3	3		4	5	4
LEIGHTONFIELD	CABRAMATTA	4	4	4		4	4		6	7	4
CABRAMATTA	LIVERPOOL	4	4	4		4	4		5	5	4
LIVERPOOL	GLENFIELD	4	4	4		5	5		7	8	4
GLENFIELD	INGLEBURN	3	3	3		4	4		5	6	3
INGLEBURN	CAMPBELLTOWN	5	5	5		6	6		9	10	7
CAMPBELLTOWN	MACARTHUR	2	2	2		3	3		3	3	2
MACARTHUR	MENANGLE	5	5	5		6	7		10	14	6
MENANGLE	DOUGLAS PARK	7	7	8		7	10		13	18	7
DOUGLAS PARK	PICTON	8	9	9		10	10		16	20	9
PICTON	BARGO	16	19	21		21	24		34	45	17
BARGO	YERRINBOOL	13	16	18		18	21		29	40	14
YERRINBOOL	MITTAGONG	14	15	17		17	21		29	42	14
MITTAGONG	MOSS VALE	10	10	12		12	15		20	23	11
MOSS VALE	EXETER	9	10	11		10	12		18	23	10
EXETER	BUNDANOON	4	4	4		5	5		6	7	5
BUNDANOON	WINGELLO	10	11	11		12	13		18	22	12
WINGELLO	MEDWAY JUN	8	8	8		11	11		17	20	9
MEDWAY JUN	GOULBURN	23a	24a	24a		29a	29a		40a	43a	26a
	Total	175	186	196		210	230		298	380	190
GOULBURN	BREADALBANE	18	19	20		21	24		29	35	20
BREADALBANE	GUNNING	24	25	25		27	30		35	40	26
GUNNING	JERRAWA	16	16	18		18	21		25	32	17
JERRAWA	YASS JUNCTION	17	19	21		21	22		26	33	18
YASS JUNCTION	BOWNING	10	11	12		12	13		17	20	11
BOWNING	BINALONG	21	21	23		24	24		32	40	22
BINALONG	GALONG	..	11	13		..	..		16	20	11
GALONG	HARDEN	28	19	20		32	34		27	33	16
HARDEN	DEMONDRILLE	7	8	9		9	9		11	16	8
DEMONDRILLE	WALLENDREEN	14	15	17		17	18		21	30	15
WALLENDREEN	COOTAMUNDRA	16	16	16		19	19		28	35	18
WALLENDREEN	COOTA WEST					19			28	35	18
COOTAMUNDRA	BETHUNGRA	21	22	24		24	27	36	41	49	23
BETHUNGRA	ILLABO	7	7	7		10	10	10	14	17	9
ILLABO	JUNEE	13a	15a	16a		17a	20a	21a	25a	31a	15a
	Total	212	224	241		251	271	67	347	431	229
JUNEE	HAREFIELD	10	10	11	16	11	15	18	18	18	10
HAREFIELD	BOMEN	9	10	10	10	13	13	13	18	22	12
BOMEN	WAGGA WAGGA	6	6	6	6	7	7	7	9	10	6
WAGGA WAGGA	URANQUINTY	10	11	13	15	13	16	16	22	30	13
URANQUINTY	THE ROCK	8	9	9	10	12	12	12	16	24	10
THE ROCK	YERONG CREEK	8	9	9	11	12	13	13	19	25	12
YERONG CREEK	HENTY	8	9	10	10	12	12	12	18	23	10
HENTY	CULCAIRN	9	10	10	10	13	13	13	17	20	11
CULCAIRN	GEROGERY	11	12	12	13	16	16	16	22	26	13
GEROGERY	TABLE TOP	8	8	9	10	12	12	12	17	22	10
TABLE TOP	ALBURY	11a	12a	13a	13a	15a	17a	17a	17a	19a	14a
	Total	98	106	112	124	136	146	149	193	239	121

DOWN		NR	81	G	18	C	80	442	422	48/49	NOTES
FULL SECTIONAL LOADS											
METROP	GOULBURN	2080	1780	1780	1290	1200	1200	1045	1045	650	
GOULBURN	DEMONDRILLE	1300	1130	1130	805	875	750	650	750	410	
DEMONDRILLE	JUNEE	1710	1500	1500	1090	1000	1000	900	900	550	
JUNEE	WAGGA WAGGA	1750	1650	1650	805	875	750	650	750	410	1,2
WAGGA WAGGA	URANQUINTY	1910	1650	1650	1180	1090	1090	985	985	600	2
URANQUINTY	ALBURY	2360	2100	2100	1460	1400	1400	1185	1374	830	2

(1) Clear run to be given JUNEE to WAGGA WAGGA.

(2) 81/82/G/NR class loads cannot be mixed with any other full load and run in these sections.

DOWN Loads & Conditions SECTIONS			LOADS TONNES					TRAIN DATA		NOTES
			Number of Locomotives					VEHICLE CLASS	SECT RUN TIMES	
			SINGLE	DOUBLE	TRIPLE	QUAD	QUIN			
1	ALBURY--SYDNEY METROP	81/82/G	675	1380	2025	--	--	A	A	1
2	ALBURY--SYDNEY METROP	81/82/G/C	800	1600	2400	3200	--	A	A1	1
3	ALBURY--SYDNEY METROP	C+422	--	1300	--	--	--	A	A1	1
4	ALBURY--SYDNEY METROP	80/422	500	1000	1500	2000	--	A	A1	1
5	ALBURY--SYDNEY METROP	81/82/G/C	970	1940	2910	3880	--	A	A1	1
6	ALBURY--SYDNEY METROP	80/422	610	1220	1830	2440	--	A	A2	1
7	ALBURY--SYDNEY METROP	C+422	--	1360	--	--	--	A	A2	1
8	ALBURY--JUNEE	NR	1500	3000	4500	6000	--	A	A2	
9	JUNEE--SYDNEY METROP	NR	1300	2600	3900	5200	--	A	A2	1
10										
11	ALBURY--SYDNEY METROP	NR	1500	3000	4500	--	--	A,B	B1	1
12										
13	ALBURY--JUNEE	81/82/G	1650	3300	--	--	--	A	C1	3
14	ALBURY--SYDNEY METROP	81/82/G/C	970	1940	2910	3880	--	ABCE	C1	1
15	ALBURY--SYDNEY METROP	80/422	610	1220	1830	2440	--	ABCE	C1	1
16	ALBURY--SYDNEY METROP	NR	1100	2200	3300	--	--	ABCE	C1	1
17	ALBURY--JUNEE	18	805	1610	--	--	--	ABCE	C1	
18	JUNEE--SYDNEY METROP	18	900	1800	--	--	--	ABCE	C1	1
19										
20	ALBURY--SYDNEY METROP	81/82/G	1200	2400	3600	--	--	ABCE	C2	1
21	ALBURY--SYDNEY METROP	80/422	750	1500	2250	3000	--	ABCE	C2	1
22	ALBURY--SYDNEY METROP	442	615	1230	1845	2460	--	ABCE	C2	1
23	ALBURY--JUNEE	NR	1750	3500	5250	7000	--	ABCE	C2	
24	JUNEE--SYDNEY METROP	NR	1600	3200	4800	6400	--	ABCE	C2	1
25	JUNEE--SYDNEY METROP	18	1050	2100	--	--	--	ABCE	C2	
26										
27	JUNEE--SYDNEY METROP	81/82/G	1625	3250	--	--	--	ABCE	C3	1
28	COOTA WEST--MOSS VALE	80/422/442+442	--	2050	--	--	--	ABCE	C3	4
29	COOTA WEST--MOSS VALE	80/422/442	--	--	3250	--	--	ABCE	C3	5
30	COOTA WEST--MOSS VALE	81/82/G	--	3250	4028	--	--	ABCE	C3	2
31	JUNEE--SYDNEY METROP	18	1290	2580	--	--	--	ABCE	C3	1
32										
33	ALBURY--SYDNEY METROP	81/82/G	1650	3300	--	--	--	ABCE	C4	1,3
34	JUNEE--SYDNEY METROP	80/422	1140	2280	3420	--	--	ABCE	C4	1
35	JUNEE--SYDNEY METROP	442	1020	2040	3200	--	--	ABCE	C4	1
36	ALBURY--JUNEE	48	460	920	1380	1840	--	ABCE	C4	
37	JUNEE - METROP	48	510	1020	1530	2040	--	abce	C4	1

- (1) All published loads in the Up direction may enter Metropolitan sites via the Main or East Hills line with the following conditions:
 (a) Clear run must be given Revesby to Narwee.
 (b) Full sectional loads as shown on Page 1-4 are not allowed to run via the East Hills line.
 (2) For wheat trains 47 to 53 wagons in length they will be air brake clearance examined and all grade control valves placed in IP at Goulburn
 (3) Clear run to be given Wagga Wagga to Junee.
 (4) 27 NOEF, NOFF, NOHF vehicles loaded with ore.
 (5) 40 NGHF, NGKF, NGPF, NGPY and NGIF wagons. A minimum of 10 NGHF, NGKF, NGPF or NGPY wagons must be marshalled leading.

UP FULL SECTIONAL LOADS		NR	81/82	G	18	C	80	442	422	48/49	NOTES
ALBURY	WAGGA WAGGA	2290	1860	1290	1200	1200	1045	1045	1045	700	
WAGGA WAGGA	JUNEE	1750	1650	1650	805	1000	750	650	750	460	
JUNEE	MOSS VALE	2080	1840	1840	1290	1200	1200	1045	1045	665	1,2
MOSS VALE	METROP	3000	2500	2500	1820	1700	1700	1500	1600	1000	3

- (1) Clear run to be given WAGGA WAGGA to JUNEE.
 (2) 81/82/G/NR class loads cannot be mixed with any other full load and run in these sections.
 (3) Between Cootamundra and Goulburn load may be increased to 1350 tonnes for 80 class locomotives.

UP		A	A1	A2	B1	C1	C2	C3	C4	ML	BL	LOCO ONLY
SECTIONAL RUNNING TIMES												
ALBURY	TABLE TOP	12	14	15	16	19	16		19	22	32	14
	GEROGERY	9	9	9	11	13	14		13	16	23	10
GEROGERY	CULCAIRN	11	11	11	13	15	15		15	20	22	13
	HENTY	9	10	10	11	13	13		13	17	22	11
HENTY	YERONG CREEK	8	9	9	10	12	12		12	16	19	10
YERONG CREEK	THE ROCK	8	9	10	11	12	13		14	19	25	12
	URANQUINTY	8	8	8	9	12	12		12	16	19	10
URANQUINTY	WAGGA WAGGA	10	11	11	12	13	14		15	21	30	12
	BOMEN	6	7	8	7	8	8		8	12	13	6
BOMEN	HAREFIELD	11	11	12	15	14	14		16	22	23	12
HAREFIELD	JUNEE	<u>10a</u>	<u>12a</u>	<u>13a</u>	<u>12a</u>	<u>16a</u>	<u>15a</u>		<u>17a</u>	<u>21a</u>	<u>25a</u>	<u>11a</u>
	Total	102	111	116	127	147	146		154	202	253	121
JUNEE	ILLABO	13	15	15	16	18	19		22	26	--	15
ILLABO	BETHUNGRA	8	9	9	10	10	11		12	16	53	9
BETHUNGRA	COOTAMUNDRA	27	28	30	35	30	33		43	50	63	27
COOTAMUNDRA	WALLENDREEN	18	21	23	29	24	27		37	38	54	21
	WALLENDREEN							33		38	54	
WALLENDREEN	DEMONDRIE	12	13	14	13	14	15	16	15	26	29	12
DEMONDRIE	HARDEN	5	6	6	5	6	6	7	7	10	12	7
HARDEN	GALONG	--	--	--	--	--	--	--	--	40	53	--
GALONG	BINALONG	27	30	32	38	32	37	46	52	18	22	29
BINALONG	BOWNING	22	24	25	28	25	28	34	42	43	54	22
BOWNING	YASS JUNCTION	9	9	9	9	10	10	11	12	16	20	10
YASS JUNCTION	JERRAWA	18	20	22	25	22	25	31	38	40	51	21
JERRAWA	GUNNING	16	17	17	18	17	18	19	24	31	38	16
GUNNING	BREADALBANE	27	29	30	34	30	35	42	47	56	66	28
BREADALBANE	GOULBURN	<u>17a</u>	<u>18a</u>	<u>18a</u>	<u>16</u>	<u>19a</u>	<u>20a</u>	<u>21a</u>	<u>22a</u>	<u>32a</u>	<u>35a</u>	<u>18a</u>
	Total	219	239	250	276	257	284	260	373	442	550	235
GOULBURN	MEDWAY JUN	24	25	25	25	28	28	30	31	42	47	25
MEDWAY JUN	WINGELLO	9	10	10	11	12	13	15	16	20	26	11
WINGELLO	BUNDANOON	10	11	11	11	12	13	14	14	19	22	11
BUNDANOON	EXETER	7	7	7	7	7	8	9	9	10	13	7
EXETER	MOSS VALE	7	8	8	9	9	9	10	12	16	19	8
MOSS VALE	BOWRAL	--	--	--	--	--	--	--	--	12	13	--
BOWRAL	MITTAGONG	10	10	10	11	12	12	12	12	6	7	12
MITTAGONG	YERRINBOOL	--	--	--	--	--	--	--	--	20	21	--
YERRINBOOL	BARGO	22	23	23	22	24	24	24	24	17	29	23
BARGO	PICTON	15	15	15	13	14	15	16	15	21	25	13
PICTON	DOUGLAS PARK	9	9	9	9	10	10	11	10	15	17	9
DOUGLAS PARK	MENANGLE	5	5	5	5	7	7	7	7	12	15	6
MENANGLE	MACARTHUR	4	5	5	5	6	7	6	7	10	13	6
MACARTHUR	CAMPBELLTOWN	2	2	2	2	3	3	3	3	3	3	2
CAMPBELLTOWN	INGLEBURN	5	5	5	5	6	6	6	6	9	10	7
INGLEBURN	GLENFIELD	3	3	3	3	4	4	4	4	5	9	3
GLENFIELD	LIVERPOOL	4	4	4	4	5	5	5	5	7	7	4
LIVERPOOL	CABRAMATTA	4	4	4	4	4	4	4	4	5	5	4
CABRAMATTA	LEIGHTONFIELD	4	4	4	4	4	4	4	6	6	9	4
LEIGHTONFIELD	SEFTON PK JUN	3	3	3	3	3	4	4	4	5	6	4
SEFTON PK JUN	CHULLORA JUN	7	7	7	#7a	7	7	7	7	8	10	7
CHULLORA JUN	ENFIELD YARDS	<u>5a</u>	<u>5a</u>	<u>5a</u>		<u>5a</u>	<u>5a</u>	<u>5a</u>	<u>5a</u>	<u>5a</u>	<u>5a</u>	<u>5a</u>
	Total	159	165	165	160	182	184	196	201	273	331	171

Pacific National Depot

Location of Speed signs

LOCATION	KILO-METRAGE	DOWN NORM	DOWN XPT	UP NORM	UP XPT	LOCATION	KILO-METRAGE	DOWN NORM	DOWN XPT	UP NORM	UP XPT
CAMPBELLTOWN	54.714										
	55.000	115	120	..	..	BARGO	101.000	95	105	..	..
41 points	56.356	..	..	X35	..		102.873				
MACARTHUR	56.733						104.210	..	..	95	100
	56.931	100	115	..	..		104.495	75	80	..	..
	57.500	..	..	115	130		107.520	..	..	80	90
	57.800	95	105	..	..		111.000	80	85	..	..
	58.800	..	..	100	105		113.180	..	..	80	85
	59.000	115	140	..	..		113.500	115	125	..	..
Up Sign on Down Main	59.245	..	..	95	105	YERRINBOOL	116.180	..	..	115	120
	59.365	..	..	X20	X25		116.314				
	59.800	..	..	115	120		116.958	80	85	..	..
GLENLEE JUNCTION	60.069						119.450	..	..	80	85
	60.800	..	..	100	105		119.720	70	75	..	..
MENANGLE PARK	62.853						121.710	..	..	70	75
	63.670	..	..	115	125		124.160	80	85	..	..
	63.970	95	105	..	..		125.390	..	..	80	85
	64.300	..	..	95	105		125.700	95	105	..	..
	64.700	110	120	..	..		129.310	..	..	95	105
MENANGLE	65.330						129.710	80	85	..	..
	65.500	..	..	110	120	MITTAGONG JCT	130.180	..	..	100	105
	65.800	115	140	..	..	MITTAGONG	130.064				
	67.700	..	..	115	140		131.571				
	68.100	105	115	..	..		135.180	..	..	100	105
	68.250	..	..	105	115		136.000	..	..	90	100
	68.550	95	105	..	..		136.300	105	115	..	..
	71.130	..	..	95	105	BOWRAL	136.342				
	71.450	105	115	..	..		137.938	..	..	105	115
	72.220	..	..	105	115		138.300	115	125	..	..
	72.500	115	125	..	..	BURRADOO	138.843				
DOUGLAS PARK	73.319						141.100	..	..	115	125
	74.200	..	..	115	120		141.400	115	135	..	..
	74.550	100	105	..	..	BERRIMA JCT	143.246				
	75.500	..	..	100	105		145.140	..	..	115	150
	75.800	115	125	..	..		145.160	70	75	..	..
	76.800	..	..	115	125	MOSS VALE	145.711				
	77.270	100	105	..	..		146.050	..	..	70	70
	82.370	..	..	100	105		146.300	115	125	..	..
MALDON	82.500						148.200	..	..	115	135
	82.620	80	85	..	..		150.710	..	..	110	125
	82.830	..	..	80	85		151.020	80	85	..	..
	83.100	75	80	..	..		152.440	..	..	80	85
	83.400	..	..	75	80		152.750	65	75	..	..
PICTON	85.249						154.200	..	..	65	75
	87.890	..	..	70	75		154.500	80	90	..	..
	90.310	..	..	75	80	EXETER	155.881				
	93.600	80	85	80	85		156.940	..	..	80	95
TAHMOOR	94.493						157.300	95	105	..	..
	95.372	..	..	95	100		158.060	..	..	95	105
TAHMOOR COLL JCT	97.639						158.630	100	110	..	..
	99.620	75	80	..	..		160.810	..	..	100	110
	100.420	..	..	80	85		161.140	115	130	..	..
							162.150	..	..	115	130

Location of Speed signs (continued)

LOCATION	KILO-METRAGE	DOWN NORM	DOWN XPT	UP NORM	UP XPT
BUNDANOON	162.269				
	163.900	..	..	115	115
	164.210	100	115	..	..
	165.020	..	..	100	110
	165.380	115	120	..	..
	168.000	..	..	115	120
	168.320	95	100	..	..
	170.900	115	125	..	..
penrose	171.403				
	171.750	..	..	100	105
	174.100	..	..	115	130
	174.400	115	125	..	..
	177.000	..	..	115	125
WINGELLO	177.139				
	177.330	90	100	..	..
	179.600	..	..	95	95
	179.880	115	135	..	..
	182.100	..	..	115	120
	182.400	100	105	..	..
	183.100	..	..	100	110
	183.430	115	130	..	..
	185.200	..	..	115	130
TALLONG	185.381				
	185.500	115	140	..	..
MEDWAY JCT	190.087				
	190.180	..	..	115	140
	190.470	100	105	..	..
	191.730	..	..	100	105
	192.140	75	85	..	..
MARULAN	192.906				
	193.000	..	..	80	80
	193.100	115	130	..	..
	197.200	..	..	115	160
	198.400	..	..	115	130
	198.650	115	160	..	..
	204.540	..	..	115	160
	204.800	115	135	..	..
	205.770	..	..	115	135
	206.070	115	125	..	..
TOWRANG	208.524				
	209.300	..	..	115	125
	209.540	95	105	..	..
	212.920	..	..	95	100
	212.970	90	100	..	..
	213.500	..	..	85	95
	213.750	110	115	..	..
	214.420	..	..	100	110
	214.700	115	160	..	..
	218.540	..	..	115	160
	218.840	110	115	..	..
	220.500	..	..	115	120
	223.500	..	..	110	120
	223.840	80	85	..	..
	224.340	X40	X40	..	..

LOCATION	KILO-METRAGE	DOWN NORM	DOWN XPT	UP NORM	UP XPT
GOULBURN	224.904				
	225.750	75	80	..	..
	228.350	80	85	..	..
	230.420	X25	X25	..	..
JOPPA JCT	230.486				
	231.970	..	..	80	85
	232.150	95	100	..	..
	232.840	..	..	100	110
	233.250	115	125	..	..
	236.170	..	..	115	125
	236.370	90	100	..	..
	238.500	..	..	105	110
	238.800	85	95	..	..
	239.300	..	..	100	105
	239.600	115	160	..	..
	246.800	..	..	115	160
	247.000	115	135	..	..
BREADALBANE	247.885				
	248.150	..	..	115	135
	248.450	115	160	..	..
	252.200	..	..	115	160
	252.500	105	115	..	..
	253.150	90	95	..	..
	257.000	..	..	95	100
	257.350	70	80	..	..
	258.900	..	..	80	85
	260.880	65	70	..	..
	261.650	..	..	70	75
	261.860	70	75	..	..
	263.770	65	70	..	..
	265.000	70	75	..	..
	268.000	75	80	65	70
	270.290	..	..	70	75
	270.495	80	90	..	..
FISH RIVER	271.021				
	277.710	..	..	80	85
	278.460	90	95	..	..
GUNNING	278.856				
	281.480	70	75	..	..
	282.500	..	..	90	95
	282.800	65	70	..	..
	284.900	..	..	60	65
	285.150	90	100	..	..
	285.680	..	..	85	90
	285.960	100	105	..	..
	287.800	..	..	110	120
	288.640	80	90	..	..
	289.080	..	..	75	80
	289.380	90	105	..	..
	290.600	..	..	90	105
	291.550	80	85	..	..
	293.460	..	..	75	80
	293.750	90	95	..	..
	294.100	..	..	90	95
	297.170	110	115	..	..
	297.290	..	..	95	100
JERRAWA	297.670				

Location of Speed signs (continued)

LOCATION	KILO-METRAGE	DOWN NORM	DOWN XPT	UP NORM	UP XPT
	300.600	..	..	115	120
	300.960	100	105	..	..
	301.290	..	..	110	115
	301.570	75	85	..	..
	303.020	..	..	80	85
	303.420	65	70	..	..
	304.300	75	80	..	..
	305.660	..	..	60	65
	306.040	80	85	..	..
	306.860	..	..	70	75
	308.610	..	..	80	85
	309.500	115	150	..	..
	312.800	..	..	115	150
	313.200	115	130	..	..
51 Pts	315.050	X50	X50	..	..
Down Signs on Up Main	315.050	..	..	X50	X50
52 Pts	315.370	..	..	X50	X50
51 Pts	315.370	X50	X50	..	..
Up Signs on Down Main	315.400	..	..	105	115
52 Pts	315.630	85	90	..	..
	316.180	..	..	75	80
	316.480	100	115	..	..
YASS JUNCTION	318.011				
	318.084	X50	X50	..	..
56 Pts	318.084	..	..	X50	X50
Down Signs on Up Main	318.420	..	..	X50	X50
55 Pts	318.420	X50	X50	..	..
56 Pts	320.900	..	..	100	115
Up Signs on Down Main	321.060	115	120	..	..
55 Pts	323.580	..	..	100	120
	323.820	80	90	..	..
	325.300	75	80	..	..
	327.900	100	115	..	..
	328.700	..	..	80	90
BOWNING	329.294				
	330.620	..	..	100	105
	330.900	85	95	..	..
	331.280	..	..	90	95
	331.600	115	140	..	..
	334.300	..	..	115	140
	334.800	90	95	..	..
	336.500	..	..	85	90
	336.800	80	85	..	..
	338.090	70	75	..	..
	339.150	..	..	70	75
	339.590	110	120	..	..
	342.070	..	..	95	105
	342.330	80	85	..	..
	348.280	..	..	75	80
	348.900	100	105	..	..
	349.650	90	100	..	..
	351.800	..	..	85	95
	353.500	..	..	95	110
	353.770	65	75	..	..
BINALONG	354.140				
	354.400	..	..	85	95
	354.660	90	100	..	..
	356.200	..	..	95	100
	357.150	..	..	90	95
	359.810	..	..	105	115
	360.900	80	90	..	..

LOCATION	KILO-METRAGE	DOWN NORM	DOWN XPT	UP NORM	UP XPT
	361.760	..	..	80	90
	363.980	..	..	75	80
GALONG	365.189				
	365.860	..	..	80	90
	366.130	75	80	..	..
	368.200	80	90	..	..
	368.740	..	..	70	80
	373.610	..	..	80	85
	373.890	100	105	..	..
	376.180	80	90	..	..
	377.490	..	..	100	110
	377.770	70	75	..	..
	379.700	..	..	80	85
	379.990	100	110	..	..
CUNNINGAR	380.921				
	383.380	..	..	90	100
	383.670	90	100	..	..
	385.000	..	..	90	95
	385.360	65	70	..	..
HARDEN	385.637				
	386.600	80	85	..	..
	388.460	70	75	..	..
	389.180	..	..	75	80
	389.800	65	70	..	..
	391.310	X25	X25	..	..
DEMONDRILLE NORTH	391.495				
	392.050	100	105	..	..
	393.130	..	..	80	85
	395.600	..	..	95	100
	395.880	75	80	..	..
	396.800	80	85	..	..
	397.830	..	..	80	85
	399.400	95	100	..	..
	402.020	..	..	100	105
	403.020	..	..	95	100
	403.300	80	90	..	..
	404.710	..	..	80	85
	404.990	100	110	..	..
	407.650	..	..	95	105
WALLENDREEN	407.825				
	408.500	115	125	..	..
	410.990	..	..	115	130
	411.250	85	95	..	..
	413.700	..	..	90	95
	413.900	70	80	..	..
	414.710	..	..	60	70
	415.010	80	90	..	..
	416.180	90	95	..	..
	416.800	..	..	80	85
	417.970	80	90	..	..
	419.300	..	..	75	85
	420.300	..	..	75	80
	420.680	115	160	..	..
	421.300	..	..	100	115
	425.500	..	..	115	150
	425.770	100	110	..	..
	426.270	..	..	95	100

Location of Speed signs (continued)

LOCATION	KILO-METRAGE	DOWN		UP	
		NORM	XPT	NORM	XPT
COOTAMUNDRA	428.090	90	90	..	..
	428.650	..	..	100	120
	429.010	X25	X25	..	..
	429.650				
	430.080	..	..	X25	X25
	431.830	..	..	90	100
	432.230	75	80	..	..
	436.200	80	85	..	..
	437.400	..	..	80	85
FRAMPTON	440.020	..	..	85	95
	440.300	70	75	..	..
	441.560	115	120	..	..
	443.640	..	..	65	70
	445.126				
	445.270	90	95	..	..
	445.550	..	..	80	85
	445.850	115	140	..	..
	447.600	..	..	115	140
	447.880	100	115	..	..
BETHUNGRA	449.050	..	..	110	120
	450.540	80	85	..	..
	451.100	..	..	90	105
	452.500	..	..	75	80
	452.720	95	105	..	..
	454+3.260	..	..	65	70
	455.930	..	..	90	95
	456.037				
	456.210	115	120	..	..
	457.240	..	..	100	115
ILLABO	457.540	115	160	..	..
	461.860	..	..	115	130
	462.150	100	105	..	..
	463.800	115	125	..	..
	464.370	..	..	95	105
	464.660	115	150	..	..
	468.100	115	125	..	..
	468.466				
	469.830	..	..	115	160
	471.600	..	..	115	135
MARINNA	471.900	100	110	..	..
	472.560	..	..	115	120
	472.850	115	150	..	..
	477.893				
	478.000	..	..	115	160
JUNEE	479.800	100	110	..	..
	480.700	..	..	110	120
	484.880	..	..	100	110
	485.100	40	50	..	..
	485.670				
	486.380	..	..	X30	X30
	486.500	115	150	..	..
	486.620	..	..	65	70
	489.380	..	..	115	150
	489.740	90	100	..	..
HAREFIELD	490.690	..	..	90	100
	490.970	100	110	..	..
	491.550	..	..	100	110
	491.850	115	160	..	..
	497.420	X50	X50	..	..
	497.510	..	..	X50	X50
	497.612				
	498.440	X50	X50	..	..
	498.530	..	..	X50	X50
	501.200	..	..	115	160
SHEPHERDS SIDING	501.500	115	150	..	..
	503.100	..	..	115	130
	503.400	110	115	..	..
	504.300	115	120	110	115
	504.641				
	507.200	..	..	115	120
	507.280	100	105	..	..
	507.580	..	..	100	105
	508.070	115	160	..	..
	511.000	..	..	115	160
BOMEN	511.370	105	125	..	..
	513.420	X25	X30	..	..
	513.530	..	..	X25	X30
	513.691				
	514.500	X50	X50	..	..
	514.610	..	..	X50	X50
	515.500	..	..	105	125
	515.800	90	110	..	..
	516.520	80	80	90	110
	517.900	..	..	80	80
Wagga Wagga Viaduct	519.200	..	..	20	80
	519.400	20	20	..	..
	519.670	..	..	20	20
	519.870	20	80	..	..
	520.440	..	..	80	80
	520.960	X25	X30	..	..
	521.160				
	521.170	80	80	..	..
	521.390	..	..	X25	X30
	521.510	..	..	X25	X30
WAGGA WAGGA	522.025	X50	X50	..	..
	522.115	..	..	X50	X50
	522.230	115	125	..	..
	523.320	..	..	80	80
	523.900	..	..	115	115
	530.600	..	..	115	125
	530.900	110	120	..	..
	531.700	..	..	110	120
	532.100	115	160	..	..
	535.425	X40	X40	..	..
URANQUINTY	535.510	..	..	X40	X40
	535.723				
	536.470	X25	X30	..	..
	536.560	..	..	X25	X30

Location of Speed signs (continued)

LOCATION	KILO-METRAGE	DOWN NORM	DOWN XPT	UP NORM	UP XPT	LOCATION	KILO-METRAGE	DOWN NORM	DOWN XPT	UP NORM	UP XPT	
THE ROCK	550.294					GEROGERY	597.175	..	..	X50	X50
	550.370	X25	X30	..	..		616.200	X25	X30	..	..
	550.470	..	..	X20	X20		616.290	..	..	X25	X30
	551.000	115	160	..	..		616.373				
	551.360	X25	X30		TABLE TOP	617.205	X25	X30
	551.450	X25	X50			617.300	X25	X30
	551.500	115	145			629.325	X25	X30
	553.500	115	145			630.025	X25	X30
	554.000	115	160			630.945	X50	X50
	564.190	X25	X30			631.040	X50	X50
564.280	..	..	X25	X30	Ettamogah Siding	631.101					
YERONG CREEK	565.087							637.263				
	565.240	X50	X50		642.700	95	95
	565.365	X50		X50		643.400	115	160
	580.095	X50	X50	..		..	644.680	70	80	..	..
HENTY	580.180	..	..	X50		X50	645.550	..	..	70	80
	580.286						645.800	40	40	..	..
	581.130	X25	X30	..		..	645.890	X25	X30	..	..
	581.245	..	..	X25		X30	645.970	..	..	X25	X30
CULCAIRN	595.885	X25	X30	ALBURY	646.244				
	595.980	..	..	X25	X30	646.600		70	80	40	40
	596.819					648.566		..	..	70	80
	597.090	X50	X50	..	..					

Station Data

Station	Kilo-metrage	Signal box Status	Hours of signal box	Facilities
Macarthur	56.733	C	Controlled from Campbelltown	P
Glenlee Junction	60.069	C	Controlled from Campbelltown	Tri
Menangle Park	62.853			P
Menangle	65.262			P
Douglas Park	73.272			P
Maldon Cement	82.429			PS
Picton	85.249	A	Always	P
Tahmoor	94.493			P
Tahmoor Colliery	97.639	C	Controlled from Picton	PS
Bargo	102.830			P
Tennessee	113.353		Emergency crossovers	
Yerrinbool	116.314			P
Aylmerton	123.780		Emergency crossovers	
Mittagong Junction	130.064		Attended as required	
Mittagong	131.571		Attended as required	P
Bowral	136.342			P
Burradoo	138.843			P
Berrima Junction	143.246			
Blue Circle Cement sidings	143.428		On Branch	PS
Inghams Feed Mill Siding	146.246		On Branch	PS
Berrima Cement Works	147.441		On Branch	PS
Moss Vale Junction Signal Box	145.174	A	Always	Tri
Moss Vale	145.711	A	Always	P
Exeter	155.881	A	Always	P
Bundanoon	162.269		Mon 0600 continuous to 0600 Sat; 0910 to 1710 Sun	
Penrose	171.403			P
Wingello	177.139	A	Always	P
Tallong	185.381			P
Medway	190.087	A	Controlled from Southern Rail Management Centre Junee	

Station Data (continued)

Station	Kilo-metrage	Signal box Status	Hours of signal box	Facilities
Marulan	192.906			P
Towrang	208.524	U	Attended as required	
Goulburn	224.904			P
Goulburn Signal Box	225.300	A	Always	
Joppa Junction	230.486	C	Controlled from Goulburn	
Breadalbane	247.890			
Fish River	271.023		Emergency crossovers	
Gunning	278.556			P
Jerrawa	297.670			P
Yass Junction	318.011	C	Controlled from Goulburn	P
Galong	365.189			P
Cunningar	380.921			G
Harden North Signal Box	385.367	P	Mon 0001 to 0200; Mon 0600 continuous to 1400 Sun; 1800 to 2400 Sun.	
Harden	385.637			P
Harden South Signal Box	385.966	P	Mon 0001 to 0200; Mon 0600 continuous to 1400 Sun; 1800 to 2400 Sun.	
Demondrille North Signal Box	391.495	U	Attended as required	
Wallendbeen	407.825	A	Always	
Cootamundra North Junction	428.247	P		
Cootamundra Nth Jct Signal Box	428.971	A	Always	
Cootamundra	429.650			P
Cootamundra South Signal Box	430.068	A	Always	
Strattons Siding	431.661			PS
Frampton	445.126			
Bethungra	456.037			
Illabo	468.466			
Marinna	477.888			G
Junee North Signal Box	485.423	P	Mon 0001 to 0530; Mon 0700 continuous to 1500 Sun; 2030 to 2400 Sun	
Junee	485.670			P
Junee South Signal Box	486.013	P	Mon 0001 to 0530; Mon 0700 continuous to 1500 Sun; 2030 to 2400 Sun	
SOUTHERN RAIL MANAGEMENT CENTRE JUNEE		A	Always	
Harefield	497.612	C	Controlled from Southern Rail Management Centre Junee	P
Shepherds	504.641	C	Controlled from Southern Rail Management Centre Junee	
Bomen	513.691	C	Controlled from Southern Rail Management Centre Junee	P
Wagga Wagga	521.160	C	Controlled from Southern Rail Management Centre Junee	P
Uranquinty	535.723	C	Controlled from Southern Rail Management Centre Junee	P
The Rock	550.294	C	Controlled from Southern Rail Management Centre Junee	P
Yerong Creek	565.087	C	Controlled from Southern Rail Management Centre Junee	P
Henty	580.286	C	Controlled from Southern Rail Management Centre Junee	P
Culcairn	596.819	C	Controlled from Southern Rail Management Centre Junee	P
Gerogery	616.373	C	Controlled from Southern Rail Management Centre Junee	P
Table Top	631.101	C	Controlled from Southern Rail Management Centre Junee	
Ettamogah	632.598	C	Controlled from Southern Rail Management Centre Junee	PS
Albury	646.244	C	Controlled from Southern Rail Management Centre Junee	P

Out-of-gauge steel trains

Out-of-gauge steel trains may operate between Enfield and Albury subject to the conditions shown for Out-of-gauge steel trains contained in the *General Instruction* pages.

The locations where crossings may be made as authorised are as follows:

Leightonfield	Down refuge Loop
#Picton	Up Refuge Loop
#Mittagong	Up Refuge Loop
Moss Vale	Down refuge Loop
	No 1 Branch Storage Siding
**Wingello	Down Starting Signal No 21
Goulburn	Down Yard
Yass Junction	Down Main Signal YJ11
	Down Main Signal YJ15
Harden	Down Main / Up Goods
	No 1 Up Siding
Cootamundra	Yard
Junee	Yard
Wagga Wagga	Platform Road and Loop
	No 1 Up Siding
Uranquinty	Loop Line
The Rock	Down Loop
	Up refuge
Yerong Creek	Loop line
Gerogery	Loop line
Table Top	Loop line
Albury	Yard

Trains standing at this position on the Down Main line will be clear of the Up Main line for the full 350 metres of out-of-gauge vehicles.

** The out-of-gauge steel train standing clear in the above locations may be passed by Up freight trains at a speed not exceeding 25 km/hr.

Advisory Speedsigns

Special advisory Speedsigns have been positioned approaching signals at the locations shown below. Drivers of trains (except XPT's / EMU's) are required to regulate the speed of their train at such locations to ensure that before reaching the signal indicated the speed is not in excess of that figure shown on the special advisory board. If at any point approaching the signal it is seen to be exhibiting a full clear indication, normal track speed for the train concerned may be resumed.

Three types of advisory speedsigns are provided on the Main South as outlined below:

Down – Sydney - Albury

Section	Location of Advisory speed sign/ kilometrage	Signal approached	Freight over 1150 metres	Freight and Loco hauled passenger	XPT Explorer Endeavour
Berrima Junction – Moss Vale	142.500	88.9	50	--	--
Moss Vale – Exeter	150.000	93.9	70	--	--
Exeter – Bundanoon		Bundanoon distant	--	60	--
Marulan – Towrang	205.500	128.9	90	--	--
Towrang – Goulburn		North Goulburn 138.1 Distant	--	70	115
Joppa Junction – Breadalbane	245.435	153.3 Distant	--	85	--
Joppa Junction – Breadalbane	246.325	153.3 Auto	--	85	--
Breadalbane – Fish River	261.500	163.3	50	--	--
Breadalbane – Fish River	269.000	168.5	50	--	--
Breadalbane – Fish River	269.700	167.9	--	65	--
Gunning – Jerrawa	285.500	177.9 Distant	50	70	--
Jerrawa – Yass Junction	304.000	189.5	50	--	--
Galong – Cunningar	372.184	232.1 Distant	--	60	--
Galong – Cunningar	379.104	232.1 Distant	--	55	--
Demondrille – Wallendbeen		Wallendbeen Distant	--	80	110
Wallendbeen – Cootamundra North	At Down Accept Signal Cootamundra North	Down Starting Signal Cootamundra North	70	--	--
Cootamundra North – Cootamundra South	Down Starting Signal Cootamundra North	Down Starting Signal Cootamundra South	70	--	--
Marinna – Junee		Junee No 2 North	--	50	--
Junee South – Harefield	495.000	Down Distant Signal	90	--	--
Uranquinty – The Rock	546.000	Down Distant Signal	80	--	--
The Rock – Yerong Creek	561.500	Down Distant Signal	100	--	--

Advisory Speedsigns (continued)

Special advisory Speedsigns have been positioned approaching signals at the locations shown below. Drivers of trains (except XPT's / EMU's) are required to regulate the speed of their train at such locations to ensure that before reaching the signal indicated the speed is not in excess of that figure shown on the special advisory board. If at any point approaching the signal it is seen to be exhibiting a full clear indication, normal track speed for the train concerned may be resumed.

Three types of advisory speedsigns are provided on the Main South as outlined below:

Up – Albury - Sydney

Section	Location of Advisory speed sign/ kilometrage	Signal approached	Freight over 1150 metres	Freight and Loco hauled passenger	XPT Explorer Endeavour
Henty – Yerong Creek	568.000	Up Distant	100	--	--
Yerong Creek – The Rock	554.000	In section Up Distant	90	--	--
The Rock – Uranquinty	546.000	Up Distant	90	--	--
The Rock – Uranquinty	539.000	Up Distant	90	--	--
		Cootamundra South No 74	--	60	--
		Cootamundra South No 75	--	75	--
	Signal 267.8	Up Starting Signal	70	--	--
		Cootamundra North			
		232.2 Distant (375.690km)	--	75	--
Yass Junction – Jerrawa	301.100	184.8	70	--	--
		185.6 Distant (301.190km)	--	90	--
Breadalbane – Joppa Junction	242.000	149.2	90	--	--
	238.000	Goulburn Up Accept	70	--	--
Goulburn – Medway Junction	196.000	Medway Up Starting Signal	70	--	--
Exeter – Moss Vale	151.000	93.4 Distant (151.375km)	50	65	--
		Moss Vale Distant	--	70	135
	Signal No 83 Mittagong Up Accept	Signal 81.8	50	--	--
Mittagong – Tahmoor	Signal 64.0	Signal 64.3	50	--	--

Tonnage Signals

Certain signals listed herein are treated as **Tonnage Signals**, that is to say, in order to avoid the risk of trains over a certain tonnage being brought to a stand at signals where it would be difficult for them to restart, these tonnage signals must not be passed by trains conveying loads in excess of 75% of the prescribed load unless the Tonnage signal is in the clear position (or by telephone instructions in the case of failure)

The following signals are to be treated as a Tonnage signal, in accordance with **NSG 608**:

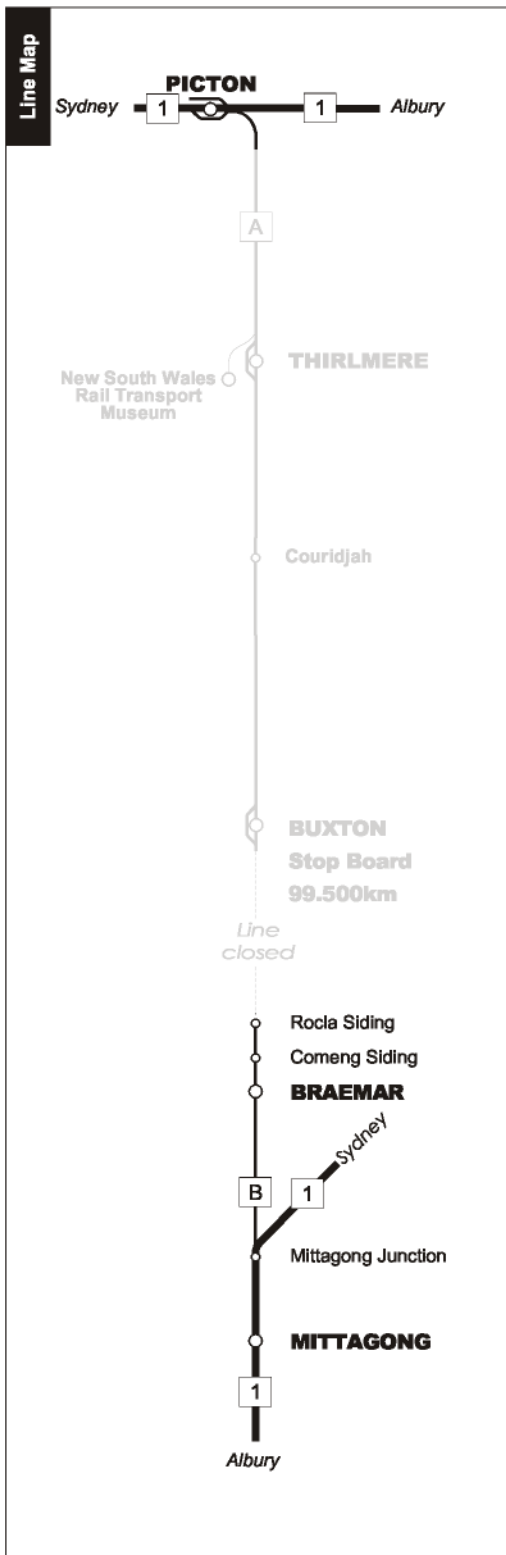
Signal no	Kilometrage	Section located
38.2	61.557km Glenlee Up Accept	Picton - Campbelltown
47.8	76.4km Douglas Park	Picton - Campbelltown

Picton - Buxton / Braemar - Mittagong section 1A

Maximum Speed of Locomotives and Rolling Stock

Class of Track	SECTIONS		Notes
	Picton - Buxton	Braemar - Mittagong Junction	
Line Map reference	A	B	
Locomotives			
Multiple Locos	3	3	
422	60	60	
80	N/A	N/A	
81	N/A	35	
82	N/A	35	
422	60	60	
442	35	35	
47,48,49	60	60	
Freight			
Class A	60	60	
Class B	60	60	
Class C	60	60	
Class D	60	60	
Class E	N/A	N/A	
Class F	N/A	N/A	
Class G	N/A	N/A	
Passenger			
XPT	60	60	
Xplorer	60	60	
Diesel Train	60	60	
Loco Hauled	60	60	
Accident Cranes			
70 tonne	30	30	
110 tonne	60	60	
120 tonne	30	30	
Notes			

NOTES:



Safeworking System

Picton to Thirlmere
Thirlmere to Buxton

Staff and Ticket
Staff and Ticket

Mittagong Junction to Braemar

Staff and Ticket (No Tickets)

DOWN LOADS & CONDITIONS		LOCOMOTIVE CLASS	LOADS TONNES /M = Marshalling Restrictions					TRAIN DATA		NOTES
SECTIONS	+= PLUS / = OR		Number Of Locomotives					VEH CLASS	SEC T RUN TIMES	
			SINGLE	DOUBLE	TRIPLE	QUAD	QUIN			
1	PICTON - BUXTON	48	310	565	--	--	--	ABCD	1	
2	BRAEMAR - MITTAGONG	81/82	1000	2000	--	--	--	ABCD	1	
3	BRAEMAR - MITTAGONG	48	700	1400	--	--	--	ABCD	1	

DOWN FULL SECTIONAL LOADS		85 86	46	81	82	80	422	48	NOTES
PICTON	BUXTON	N/A	N/A	N/A	N/A	N/A	700	410	
BRAEMAR	MITTAGONG	N/A	N/A	1000	1000	N/A	900	700	

DOWN SECTIONAL RUNNING TIMES		1								LOCO ONLY
PICTON	THIRLMERE	13								
THIRLMERE	BUXTON	11a								
BRAEMAR	MITTAGONG	16a								

DOWN		DRAWGEAR CAPACITY - MAXIMUM LOAD IN TONNES							
		L	M1		M2		H		
PICTON	BUXTON	1860	2140		3090		4275		
BRAEMAR	MITTAGONG	2440	3260		4705		6515		

UP LOADS & CONDITIONS		LOCOMOTIVE CLASS	LOADS TONNES /M = Marshalling Restrictions					TRAIN DATA		NOTES
SECTIONS	+= PLUS / = OR		Number Of Locomotives					VEH CLASS	SEC T RUN TIMES	
			SINGLE	DOUBLE	TRIPLE	QUAD	QUIN			
1	MITTAGONG - BRAEMAR	81/82	1000	2000	--	--	--	ABCD	1	
2	MITTAGONG - BRAEMAR	48	700	1400	--	--	--	ABCD	1	
3	BUXTON - PICTON	48	565	820	--	--	--	ABCD	1	

UP FULL SECTIONAL LOADS		85 86	46	81	82	80	422	48	NOTES
BUXTON	PICTON	N/A	N/A	N/A	N/A	N/A	900	700	
MITTAGONG	BRAEMAR	N/A	N/A	1000	1000	N/A	900	700	

UP SECTIONAL RUNNING TIMES		1								LOCO ONLY
MITTAGONG	BRAEMAR	16a								18
BUXTON	THIRLMERE	11								..
THIRLMERE	PICTON	10a								28a

UP MARSHALLING RESTRICTIONS		DRAWGEAR CAPACITY - MAXIMUM LOAD IN TONNES							
		L	M1		M2		H		
MITTAGONG	BRAEMAR	2440	3260		4705		6515		
BUXTON	THIRLMERE	2440	3260		4705		6515		

STATION	DISTANCE FROM SYDNEY	XING LOOP LEN M	LOCATION OF SHARP CURVES FROM TO		RADIUS OF CURVE IN METRES	MAXIMUM SPEED KM/HR	HOURS OF SIGNAL BOXES	NOTES
CLASS 3 LINE - NO SPEEDBOARDS PROVIDED								
PICTON	85.249	590DRS 517U	85.878	86.160	400	60	ALWAYS	
			86.301	87.166	320	55		
			87.226	87.568	320	55		
			87.568	87.729	320	55		
			87.769	87.951	320	55		
			87.970	88.333	320	55		
			88.333	88.514	320	55		
			88.554	88.836	400	60		
			89.519	89.822	400	60		
			90.223	90.485	400	60		
			90.505	90.687	400	60		
THIRLMERE	92.405							
BUXTON	99.126							
STOP BOARD	99.500							
BRAEMAR	122.483							
Rocla Sdg	122.067							
Comeng Sdg	122.167							
MITTAGONG	131.571							(Via Main South) See Section 1

Goulburn - Canberra

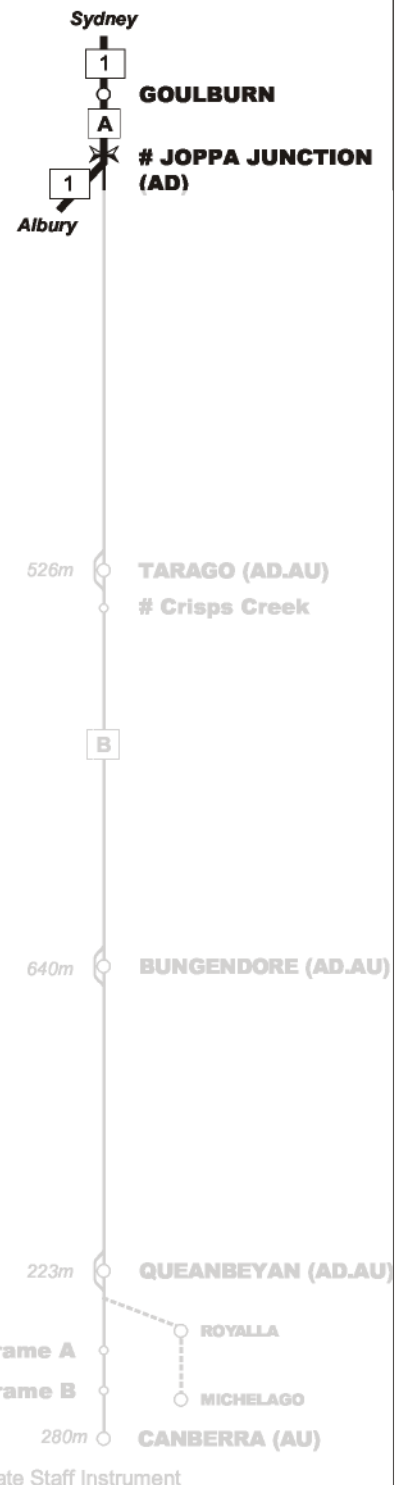
section 3

Maximum Speed of Locomotives and Rolling Stock

Class of Track	SECTIONS							Notes
	Goulburn - Joppa Junction	Joppa Junction - Canberra						
Line Map reference	A	B						
Locomotives								
Multiple Locos	4	4						
NR		80						
82		80						
81		80						
80		80						
422		100						
47,48,49		100						
Freight								
Class A		100						
Class B		100						
Class C		80						
Class D		65						
Class E		70						
Class F		N/A						
Class G		N/A						
Passenger								
XPT		140						
Xplorer		140						
Diesel Train		115						
Loco Hauled		100						
Accident Cranes								
70 tonne		50						
110 tonne		80						
120 tonne		30						
Notes								

NOTES:

Line Map



Safeworking System

Goulburn (G.7) to Tarago

Electric Staff

Tarago to Bungendore

Electric Staff

Bungendore to Queanbeyan

Electric Staff

Queanbeyan to Canberra

Electric Staff

DOWN LOADS & CONDITIONS SECTIONS	LOCOMOTIVE CLASS + = PLUS / = OR	LOADS TONNES					TRAIN DATA		NOTES
		Number Of Locomotives					VEHICLE CLASS	SECT RUN TIMES	
		SINGLE	DOUBLE	TRIPLE	QUAD	QUIN			
1 GOULBURN – CANBERRA	81/82	1130	2260	3390	4520	--	ABC	1	
2 GOULBURN - CANBERRA	80	750	1500	2250	3000	--	ABC	1	
3 GOULBURN - CANBERRA	422	615	1230	1845	2460	--	ABC	1	
4									
5 GOULBURN - CANBERRA	48	410	820	1230	1640	--	ABC	2	

DOWN	SECTIONAL RUNNING TIMES								FULL SECTIONAL LOADS						GRADES		
	Arr	Dep	1	2	ML	BL		Loco only	NR	81 82 BL DL G	80	422	47 48 49				
GOULBURN to:			↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻
JOPPA JUNCTION			8	11	8	9		6	--	--	--	--	--				
TARAGO			32a	32a	39a	43a		31a	--	1400	925	900	500				
BUNGENDORE			34a	40a	41a	48a		32a	--	--	--	--	--				
QUEANBEYAN			45a	47a	46a	56a		35a	--	1130	750	725	410				
CANBERRA			15a	15a	15a	15a		12a	1295	2100	1550	1400	800				

UP LOADS & CONDITIONS SECTIONS	LOCOMOTIVE CLASS + = PLUS / = OR	LOADS TONNES					TRAIN DATA		NOTES
		Number Of Locomotives					VEHICLE CLASS	SECT RUN TIMES	
		SINGLE	DOUBLE	TRIPLE	QUAD	QUIN			
1 CANBERRA – GOULBURN	81/82	1130	2260	3390	4520	--	ABC	1	
2 CANBERRA – GOULBURN	80	750	1500	2250	3000	--	ABC	1	
3 CANBERRA – GOULBURN	422	615	1230	1845	2460	--	ABC	1	
4									
5 TARAGO – GOULBURN	422	925	1850	--	--	--	ABC	1	
6									
7 CANBERRA – GOULBURN	48	410	820	1230	1640	--	ABC	2	

UP	SECTIONAL RUNNING TIMES								FULL SECTIONAL LOADS						GRADES		
	Arr	Dep	1	2	ML	BL		Loco only	NR	81 82 BL DL G	80	422	47 48 49				
CANBERRA to			↻	↻	↻	↻		↻	↻	↻	↻	↻	↻	↻	↻	↻	↻
QUEANBEYAN			15a	15a	15a	15a		12a	--	2100	1550	1400	800				
BUNGENDORE			51a	59a	54a	63a		35a	--	--	--	--	--				
TARAGO			39a	46a	44a	52a		32a	--	1130	750	725	410				
JOPPA JUNCTION			32a	32a	39a	43a		31a	--	--	--	--	--				
GOULBURN			8a	8a	8a	8a		6a	1295	1525	1010	980	550				

Location of Speed signs

LOCATION	KILO-METRAGE	DOWN NORM	DOWN XPT	UP NORM	UP XPT	LOCATION	KILO-METRAGE	DOWN NORM	DOWN XPT	UP NORM	UP XPT
GOULBURN	224.904						310.440	..	..	65	70
JOPPA JUNCTION	230.486						310.720	115	140	..	..
	230.520	50	55	..	..		312.900	..	..	115	140
	231.100	..	..	50	55		313.180	50	55	..	..
	231.300	115	140	..	..		313.180	..	..	50	55
	239.960	..	..	115	140		314.140	65	70	..	..
	240.250	115	135	..	..		315.820	..	..	65	70
	241.200	..	..	115	135		316.110	50	55	..	..
	241.500	115	140	..	..		317.880	..	..	50	55
	255.040	..	..	115	140		318.170	55	60	..	..
	255.330	85	100	..	..		318.530	..	..	55	60
#Bridge – Applies to 120t accident crane ONLY	#255.749	#10	..	#10	..	#Bridge – Applies to 120t	#319.930	#10	..	#10	..
	256.200	..	..	95	100		320.770	..	..	75	80
	256.300	115	130	..	..		321.040	55	60	..	..
	256.950	..	..	115	130		321.350	..	..	55	60
	257.240	115	140	..	..	QUEANBEYAN	321.462				
	258.630	..	..	115	135		322.500	80	85	..	..
	258.920	90	100	..	..		323.500	..	..	80	80
	261.090	..	..	90	100		323.800	85	90	..	..
	261.380	80	85	..	..		325.200	..	..	85	90
TARAGO	262.507						325.600	..	..	100	110
#Bridge – Applies to 120t	#264.157	#10	..	#10	..		326.000	100	140	..	..
	265.670	..	..	80	85		328.400	..	..	100	140
	265.940	50	55	..	..		328.600	65	65	..	..
	269.160	..	..	50	55		328.700	..	..	90	100
	269.440	75	85	..	..		328.820	X25	X30	..	..
	270.370	..	..	75	85		328.970	..	..	X25	X30
	270.620	115	140	..	..		329.000	..	..	60	65
	272.700	..	..	115	140	CANBERRA	329.614				
	273.050	115	135	..	..				
	274.400	..	..	115	135						
	274.700	115	140	..	..				
#Bridge – Applies to 120t	#276.108	#10	..	#10	..						
	278.200	..	..	115	140						
	278.480	70	75	..	..				
	279.080	..	..	70	75						
	279.350	115	125	..	..				
	280.720	..	..	115	125						
	281.320	105	115	..	..				
	282.940	..	..	95	105						
	283.230	80	90	..	..				
	284.870	..	..	80	90						
	285.160	115	130	..	..				
	289.360	..	..	115	130						
	289.660	100	110	..	..				
	292.700	..	..	100	110						
	292.980	60	65	..	..				
#Bridge – Applies to 120t	#292.988	#10	..	#10	..						
	293.170	X25	X25	..	..				
	293.400	..	..	X25	X25						
BUNGENDORE	293.500										
	293.900	X25	X25	..	..				
	294.100	..	..	X25	X25						
	294.410	..	..	60	65						
	294.700	115	140	..	..				
	300.170	..	..	115	140						
	300.440	70	75	..	..				
	301.710	..	..	70	75						
	301.970	45	50	..	..				
	302.690	..	..	45	50						
	303.000	70	80	..	..				
	306.560	..	..	70	80						
	306.850	55	60	..	..				
	307.690	..	..	55	60						
	307.960	65	70	..	..				

Station Data

Station	Kilo-metrage	Signal box Status	Hours of signal box	Facilities
Goulburn	224.904	A	Always	P
Joppa Junction	230.486			ISI
Tarago	262.507	U	Unattended	P
Bungendore	293.500	U	Unattended	P
Queanbeyan	321.462	U	Unattended	P, TT
Canberra	329.614	U	Unattended	P

Cootamundra - Griffith

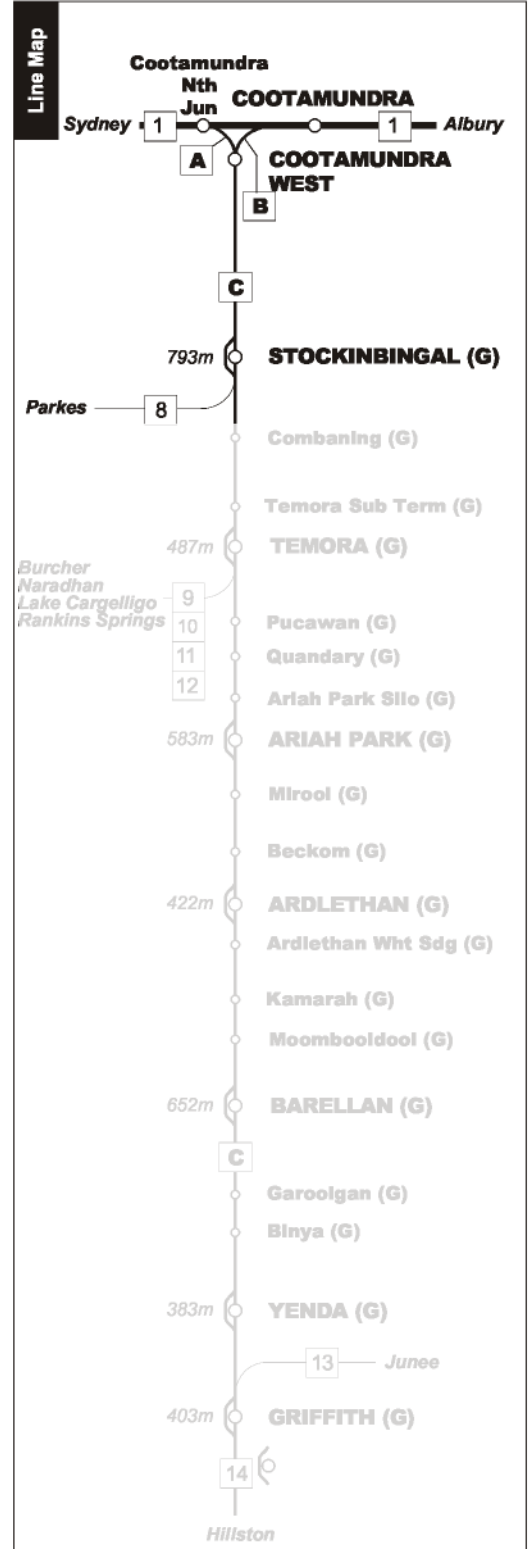
section 7

Maximum Speed of Locomotives and Rolling Stock

	SECTIONS									
	Cootamundra Nth-Jun-	Cootamundra West	Cootamundra -	Cootamundra West	Cootamundra West-					
	C									
Class of Track	3	3	2							Notes
Line Map reference	A	B	C							
Locomotives										
Multiple Locos	4	4	4							
422	60	60	100							
80	30	30	80							
81	30	30	80							
82	30	30	80							
48	60	60	100							
18	30	30	80							
Freight										
Class A	60	60	100							
Class B	60	60	100							
Class C	60	60	80							
Class D	60	60	60							
Class E	60	60	70							
Class F	N/A	N/A	N/A							
Class G	N/A	N/A	N/A							
Passenger										
XPT	60	60	100							
Xplorer	60	60	100							
Diesel Train	60	60	100							
Loco Hauled	60	60	100							
Accident Cranes										
70 tonne	50	50	60							
110 tonne	60	60	80							
120 tonne	30	30	30							
Notes										

NOTES:

Refer to Western Section Pages, Cootamundra - Pakres



Safeworking System

Cootamundra North to Cootamundra West
 Cootamundra to Cootamundra West
 Cootamundra West to Stockinbingal
 Stockinbingal to Temora
 Temora to Ariah Park
 Ariah Park to Ardlethan
 Ardlethan to Barellan
 Barellan to Yenda
 Yenda to Griffith

Rail Vehicle Detection
 Rail Vehicle Detection
 Electric Staff
 Staff and Ticket
 Electric Staff
 Staff and Ticket
 Staff and Ticket
 Staff and Ticket
 Electric Staff

DOWN LOADS & CONDITIONS SECTIONS	LOCOMOTIVE CLASS	LOADS TONNES					TRAIN DATA		NOTES
		Number Of Locomotives					VEHICLE CLASS	SECT RUN TIMES	
	+ = PLUS / = OR	SINGLE	DOUBLE	TRIPLE	QUAD	QUIN			
1 COOTAMUNDRA – GRIFFITH	81/82	970	1940	2910	--	--	ABC	1	
2 COOTAMUNDRA – GRIFFITH	80	610	1220	1830	2440	--	ABC	1	
3 COOTA WEST – TEMORA	81/82	--	--	954	--	--	C	1	1
4									
5 COOTAMUNDRA – GRIFFITH	422	920	1840	2760	--	--	ABCE	2	
6 COOTAMUNDRA – GRIFFITH	48	510	1020	1530	2040	--	ABCE	2	
7									

Notes:
(1) 53 empty NGHF

DOWN	SECTIONAL RUNNING TIMES								FULL SECTIONAL LOADS							GRADES		
	Arr	Dep	1	2	ML	BL		Loco only	81	82	80	422	48					
COOTAMUNDRA to:			🌀	🌀	🌀	🌀		🌀	🌀	🌀	🌀	🌀	🌀	🌀				🌀
COOTAMUNDRA WEST			5	4	4	5		3										
COOTA NORTH to:			🌀	🌀	🌀	🌀		🌀	🌀	🌀	🌀	🌀	🌀	🌀				🌀
COOTAMUNDRA WEST			5	4	4	5		3	..	..	..	..	..
STOCKINBINGAL			35	33	38	45		23	..	..	..	..	..
Combaning							
TEMORA			45	46	49	54		32	2000	2000	1350	1175	765					
Pucawan			..	32	30	34		29	..	..	..	..	..
Quandary							
ARIAH PARK			30a	20a	21a	23a		18a	..	..	..	..	..
Mirool			..	20	19	21		17	..	..	..	..	..
Beckom			..	14	19	21		17	..	..	..	..	..
ARDLETHAN			35a	9a	12a	13a		10a	..	..	..	..	..
Kamarah							
Moombooldool							
BARELLAN			30a	38a	47a	52a		45a	..	..	..	..	..
Garoolgan							
Binya			..	23	31	35		28	..	..	..	..	..
YENDA			32a	17a	20a	22a		19a	..	..	..	..	..
GRIFFITH			20a	19a	24a	26a		22a	2100	2100	1550	1250	800					

UP LOADS & CONDITIONS SECTIONS	LOCOMOTIVE CLASS	LOADS TONNES					TRAIN DATA		NOTES
		Number Of Locomotives					VEHICLE CLASS	SECT RUN TIMES	
	+ = PLUS / = OR	SINGLE	DOUBLE	TRIPLE	QUAD	QUIN			
1 GRIFFITH – COOTAMUNDRA	81/82	1200	2400	3600	--	--	ABC	1	
2 GRIFFITH – COOTAMUNDRA	80/422	610	1220	1830	2440	--	ABC	1	
3									
4 GRIFFITH – COOTAMUNDRA	48	510	1020	1530	2040	..	ABCE	2	
5 GRIFFITH – COOTAMUNDRA	422	--	--	3250	--	--	ABCE	2	
6 STOCKINBINGAL – COOTA	422	--	2050	--	--	--	ABC	2	2
7 TEMORA – COOTA WEST	81/82	--	3250	4028	--	--	ABCE	2	1
8									
9 GRIFFITH – COOTAMUNDRA	81	1350	2700	4050	5400	--	ABCE	3	

Notes:

(1) 53 loaded NGHf vehicles.

(2) 27 NOEF, NOFF, NOHF vehicles.

UP	SECTIONAL RUNNING TIMES								FULL SECTIONAL LOADS								GRADES	
	Arr	Dep	1	2	3	ML	BL	Loco only	81	82	80	422	48					
GRIFFITH to			↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻
YENDA			17a	18a	17a	19a	22a	22a	..	..	..	..	..	..	..	..	..	..
Binya			..	15	..	17	19	19	..	..	..	..	..	..	..	..	..	..
Garoolgan		
BARELLAN			29a	23a	32a	24a	27a	28a	..	..	..	..	..	..	..	..	..	..
Moombooldool		
Kamarah		
ARDLETHAN			28a	37a	33a	41a	61a	45a	..	..	..	..	..	..	..	..	..	..
Beckom			..	7	..	7	10	10	..	..	..	..	..	..	..	..	..	..
Mirool			..	14	..	15	17	17	..	..	..	..	..	..	..	..	..	..
ARIAH PARK			29a	14a	29a	17a	23a	17a	..	..	..	..	..	..	..	..	..	..
Quandary		
Pucawan			..	17	..	20	24	19	..	..	..	..	..	..	..	..	..	..
TEMORA			35a	27a	35a	30a	41a	29a	2500	2500	1700	1600	1000	..	..	..	..	..
Combaning		
STOCKINBINGAL			33a	45a	35a	45a	47a	29a	..	..	..	..	..	..	..	..	..	..
COOTAMUNDRA WEST			30	38	30	38	41	23	..	..	..	..	..	..	..	..	..	..
COOTAMUNDRA NTH			4	4	4	4	4	3	2000	2000	1350	1750	800	..	..	..	..	..
COOTA WEST to:			↻	↻	↻	↻		↻	↻	↻	↻	↻	↻	↻	↻	↻	↻	↻
COOTAMUNDRA			4a	3a	4a	4a	4a	3a	..	..	..	..	..	..	..	..	..	..

Location of Speed signs

LOCATION	KILO-METRAGE	DOWN NORM	DOWN XPT	UP NORM	UP XPT
COOTAMUNDRA WEST	429.350	100	..	50	..
	430.999				
	436.030	75	..	100	..
	438.220	100	..	75	..
	440.250	75	..	100	..
	440.920	100	..	75	..
	445.080	90	..	100	..
	446.110	60	..	90	..
	447.920	..	..	60	..
	448.000	100	..	..	..
	453.500	..	..	100	..
STOCKINBINGAL	454.046				
<i>#Bridge – Applies to 120t</i>	<i>#455.753</i>	<i>#10</i>	<i>..</i>	<i>#10</i>	<i>..</i>
<i>accident crane ONLY</i>	465.820	..	..	100	..
	465.880	75	..	..	..
	466.730	80	..	75	..
	471.176	75	..	80	..
	474.070	..	..	75	..
	474.150	100	..	..	..
COMBANING	474.441				
	483.290	..	..	100	..
	483.330	90	..	..	..
	483.850	100	..	90	..
	488.700	30	..	100	..
TEMORA	489.291				
	489.650	100	..	30	..
	496.500	50	..	100	..
	502.200	100	..	50	..
PUCAWAN	508.157				
QUANDARY	512.051				
ARIAH PRK WHEAT SDG	520.582				

LOCATION	KILO-METRAGE	DOWN NORM	DOWN XPT	UP NORM	UP XPT
ARIAH PARK	522.111				
	534.500	80	..	100	..
MIRROOL	535.030				
	535.600	100	..	80	..
BECKOM	547.982				
	554.400	50	..	100	..
	554.900	100	..	50	..
ARDLETHAN	555.323				
ARDLETHAN WHEAT SDG	556.732				
	559.590	70	..	100	..
	563.600	100	..	70	..
	564.450	70	..	100	..
	565.150	100	..	70	..
KAMARAH	567.475				
MOOMBOOLDOOL	578.098				
BARELLAN	587.799				
GAROOLGAN	600.261				
BINYA	609.588				
YENDA	623.967				
	639.670	30	..	100	..
GRIFFITH	640.375				

Station Data

Station	Kilo-metrage	Signal box Status	Hours of signal box	Facilities
Cootamundra West	430.999	C	Controlled from Southern Rail Management Centre Junee	Tri
Stockinbingal	454.046	P	Mon 0001 continuous to 0600 Sat; 1400 Sat continuous to 0600 Sun; 1000 to 1800, 2200 to 2400 Sun.	G
AWB Siding	454.854			G
Combaning	474.441			G
Temora Sub Terminal	485.951			G
Temora	489.291	P	Mon 0001 continuous to 0801 Sat; 1600 to 2400 Sat.	G
Pucawan	508.157			G
Quandary	512.051			G
Ariah Park Wheat	520.582			G
Ariah Park	522.111	U	Unattended	G
Mirrool	535.030			G
Beckom	547.982			G
Ardlethan	555.323	U	Unattended	G
Ardlethan Wheat	556.732			G
Kamarah	567.475			G
Moombooldool	578.098			G
Barellan	587.799	U	Unattended	G
Garoolgan	600.621			G
Binya	609.588			G
Yenda	623.967	U	Unattended	G
Griffith	640.375	P	0630 to 1630 Daily	P.TT