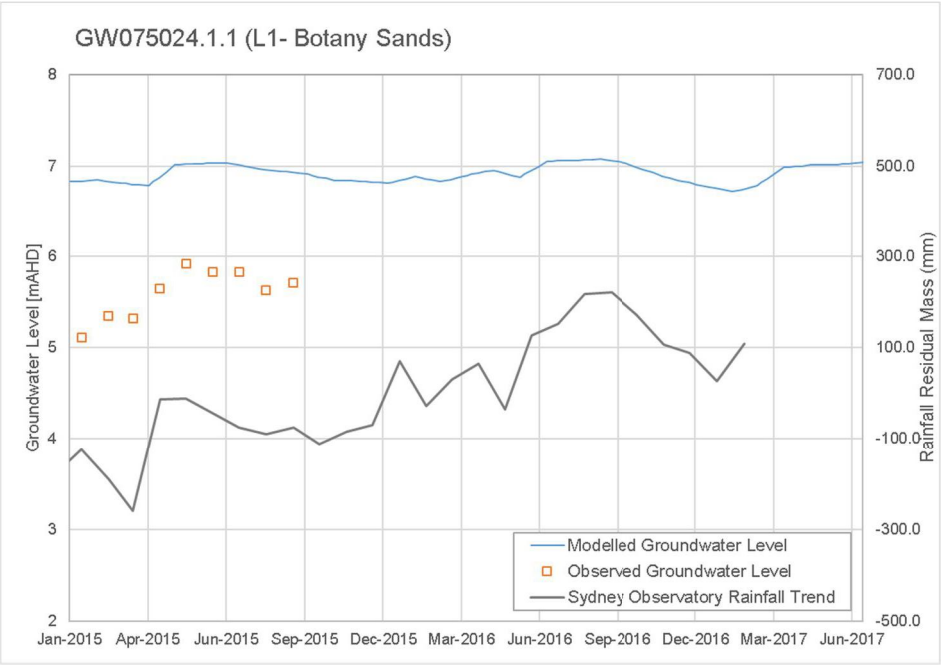
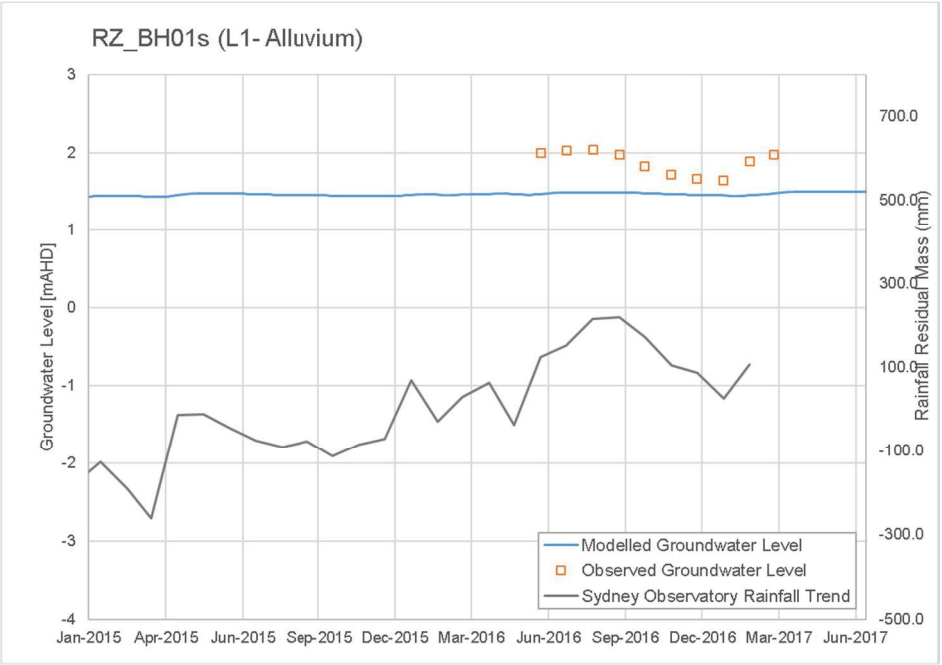
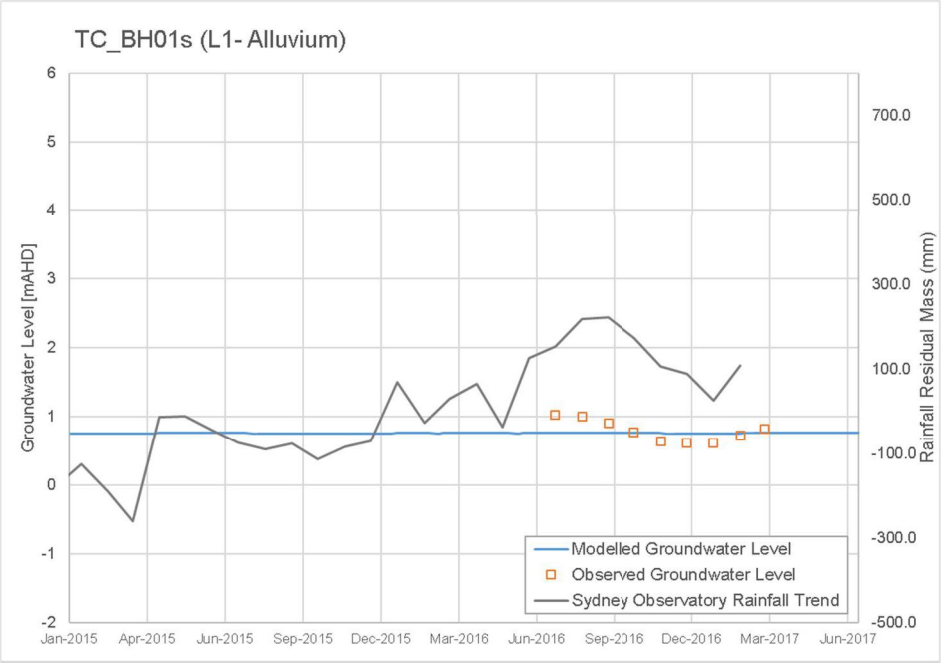
ANNEXURE A – TRANSIENT CALIBRATION HYDROGRAPHS







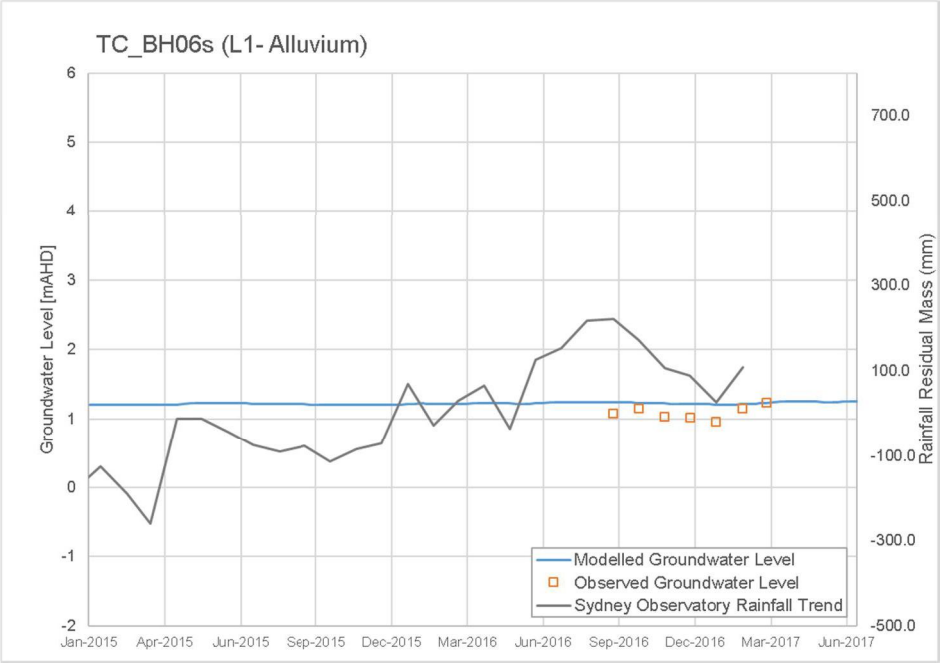
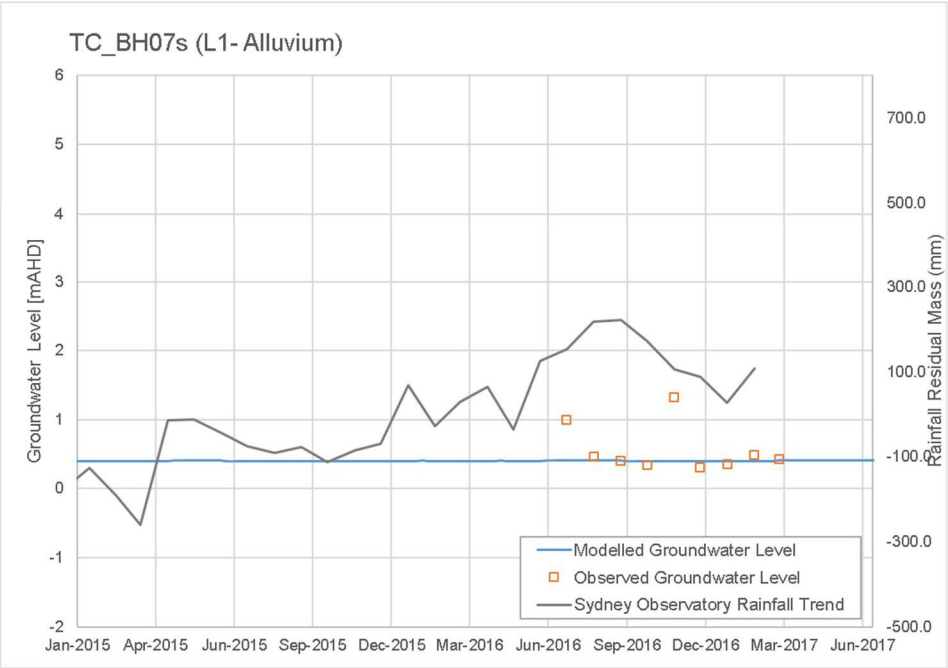
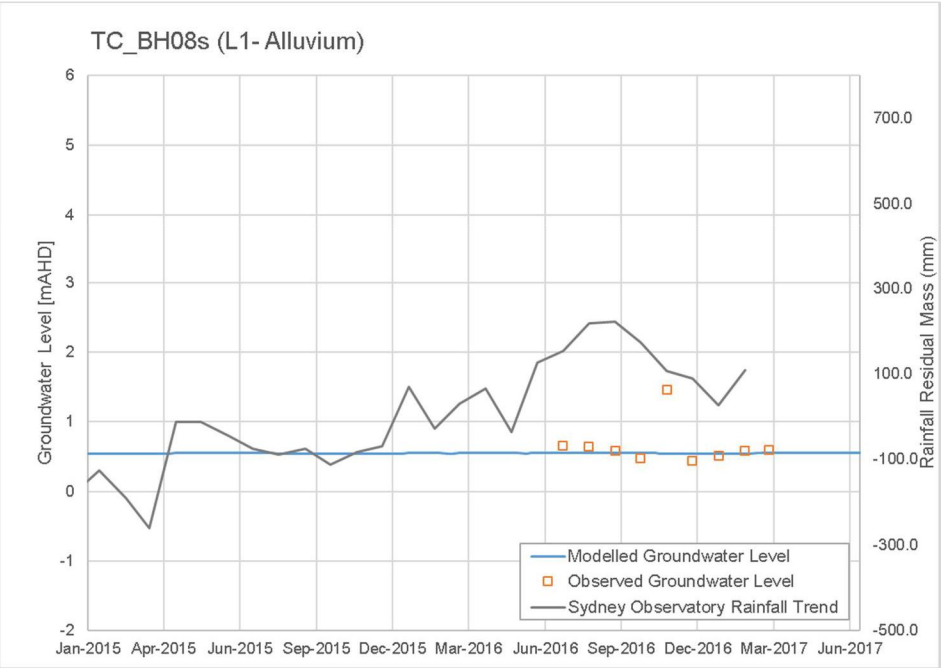


Figure A 1 - Calibration Hydrographs (Layer 1)





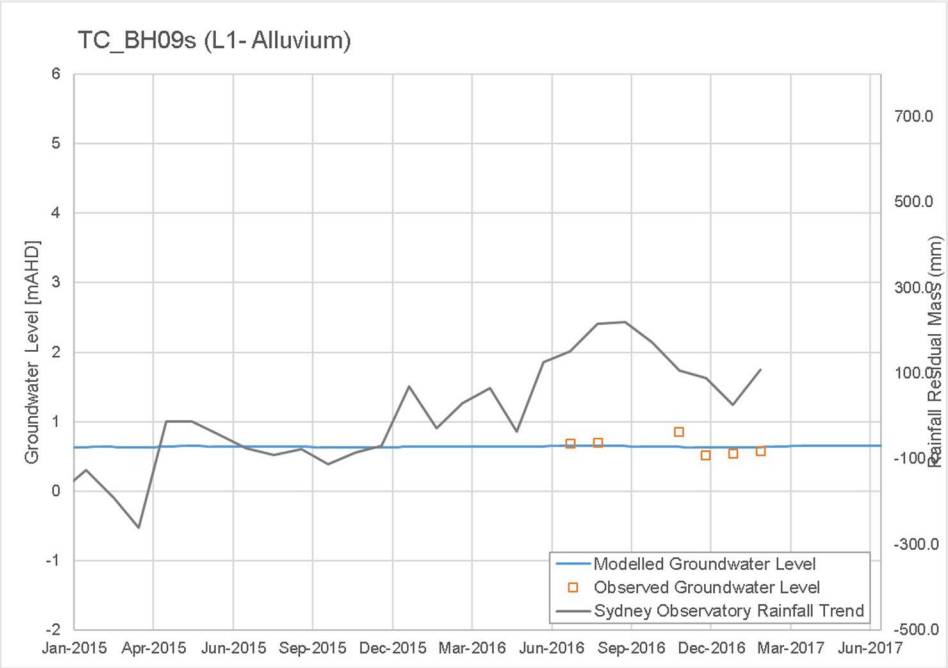
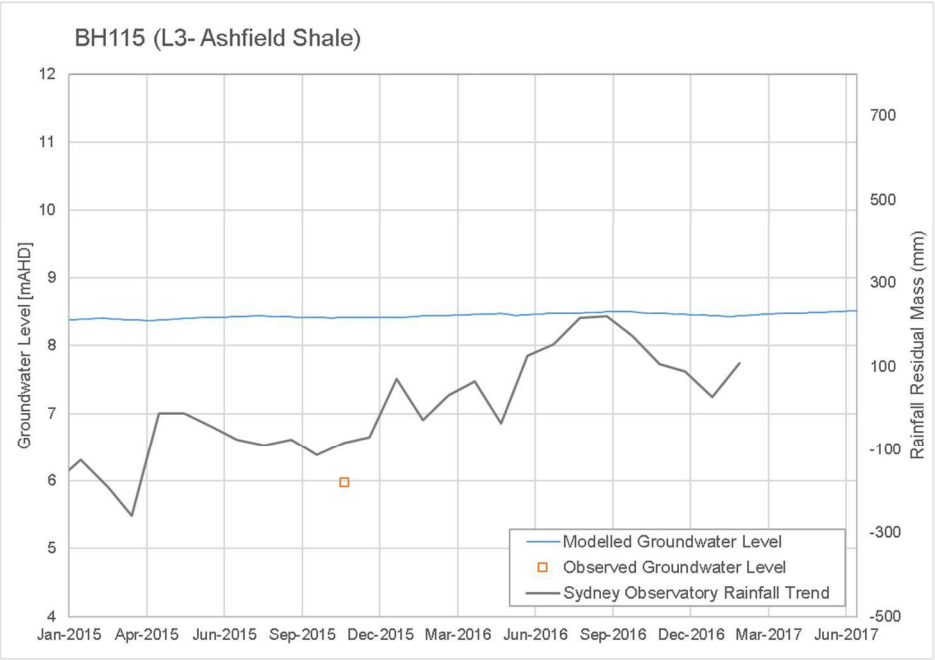
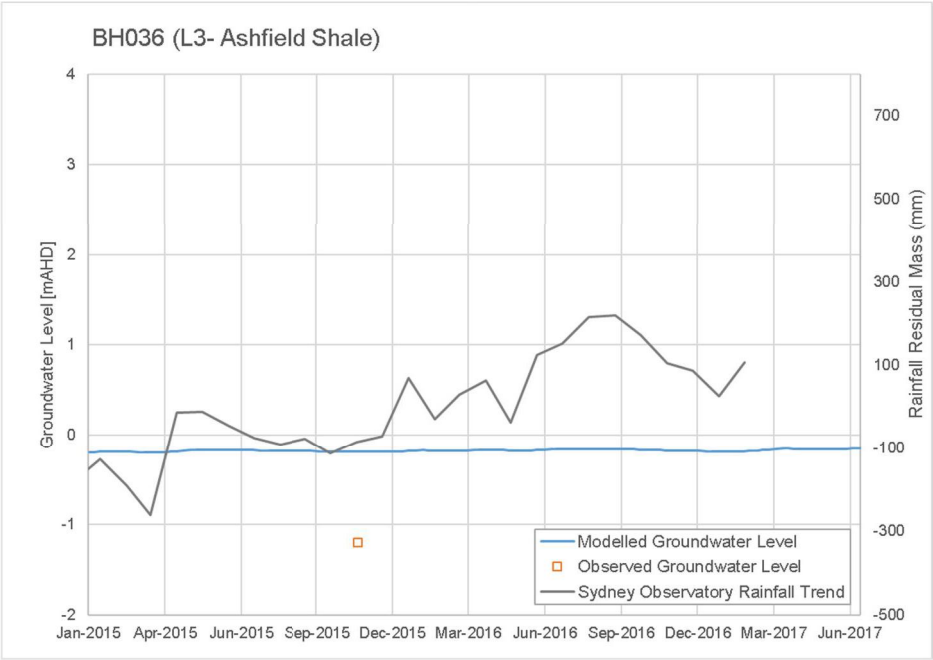


Figure A 2 - Calibration Hydrographs (Layer 1)





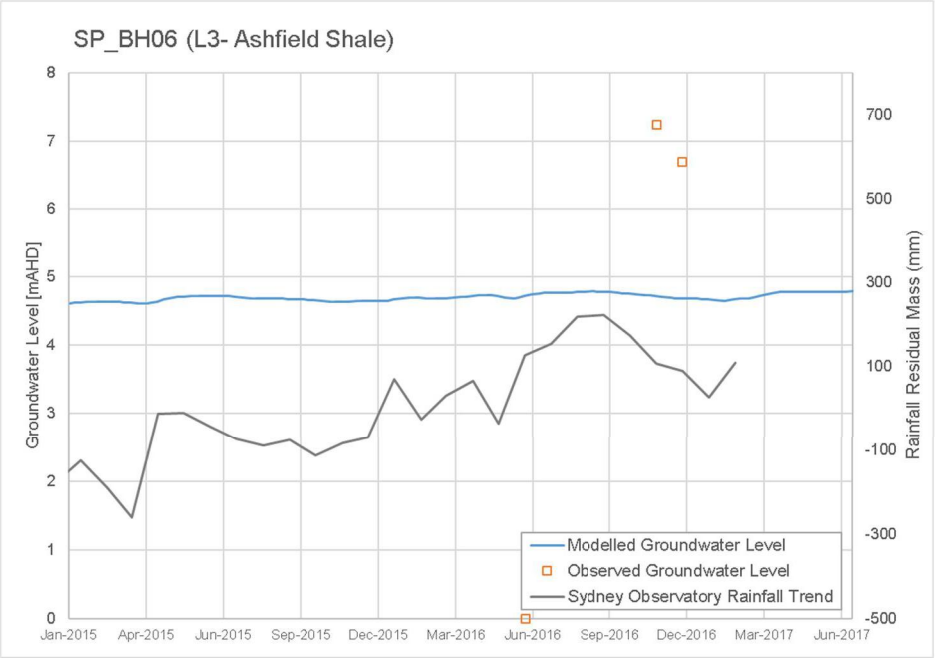
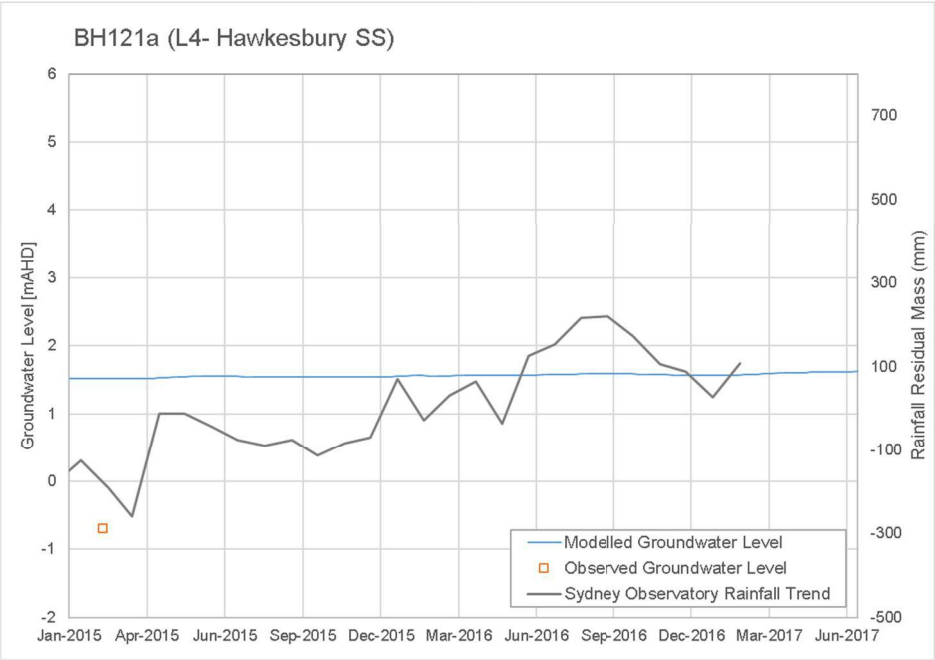
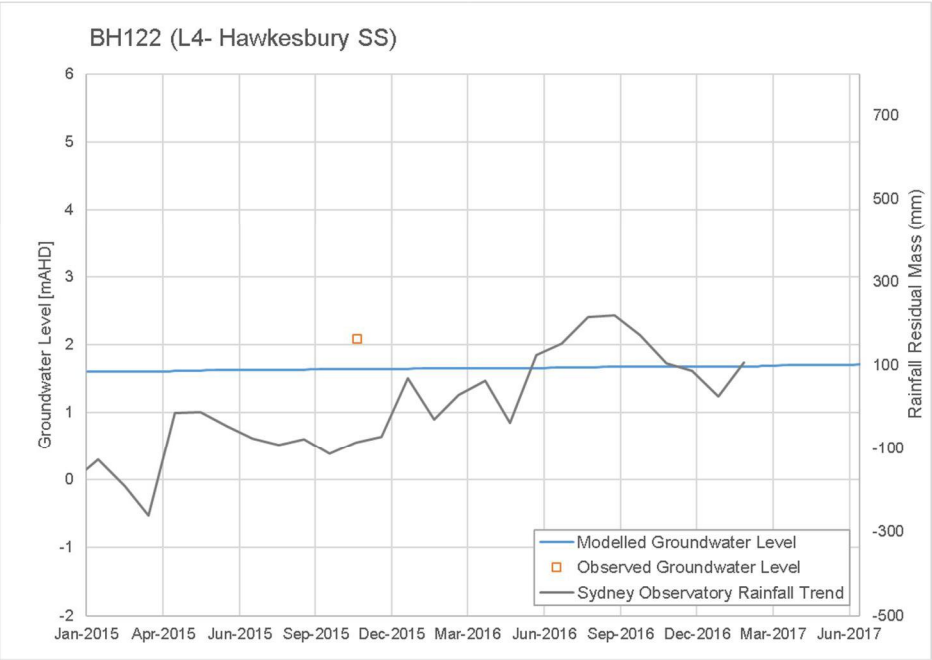
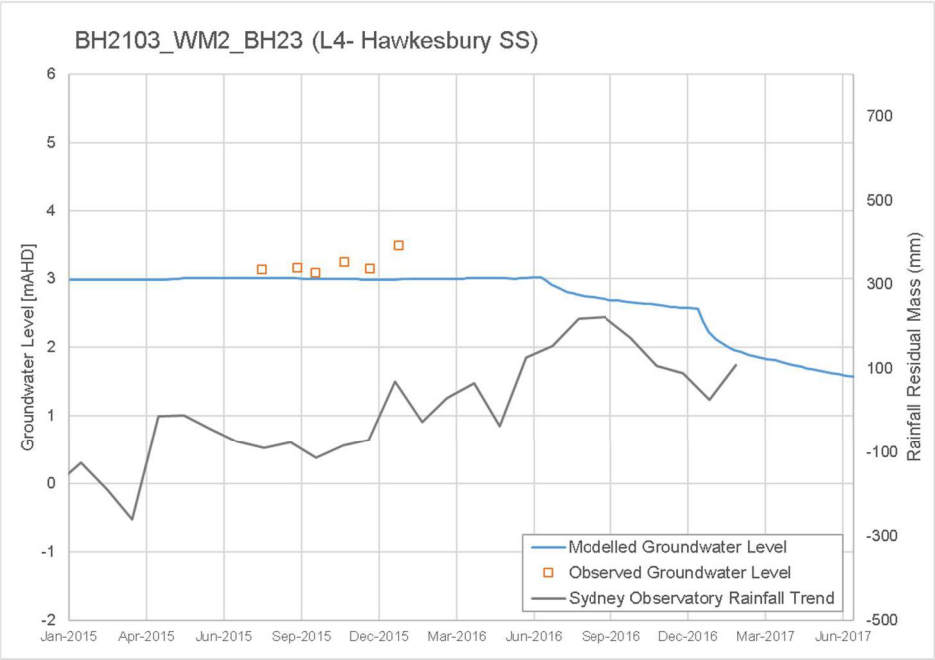


Figure A 3 - Calibration Hydrographs (Layer 3)







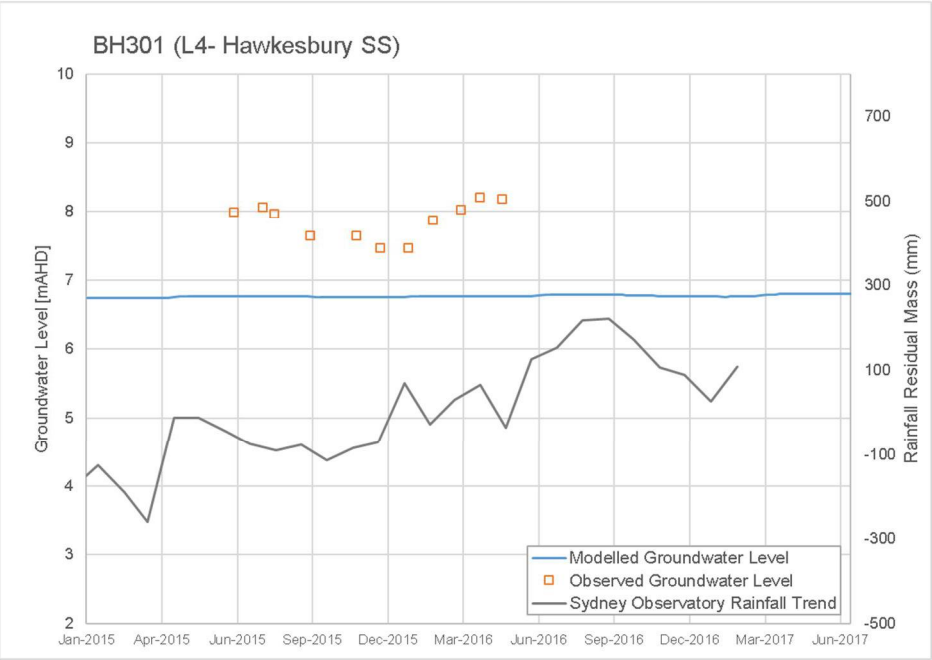


Figure A 4 - Calibration Hydrographs (Layer 4)

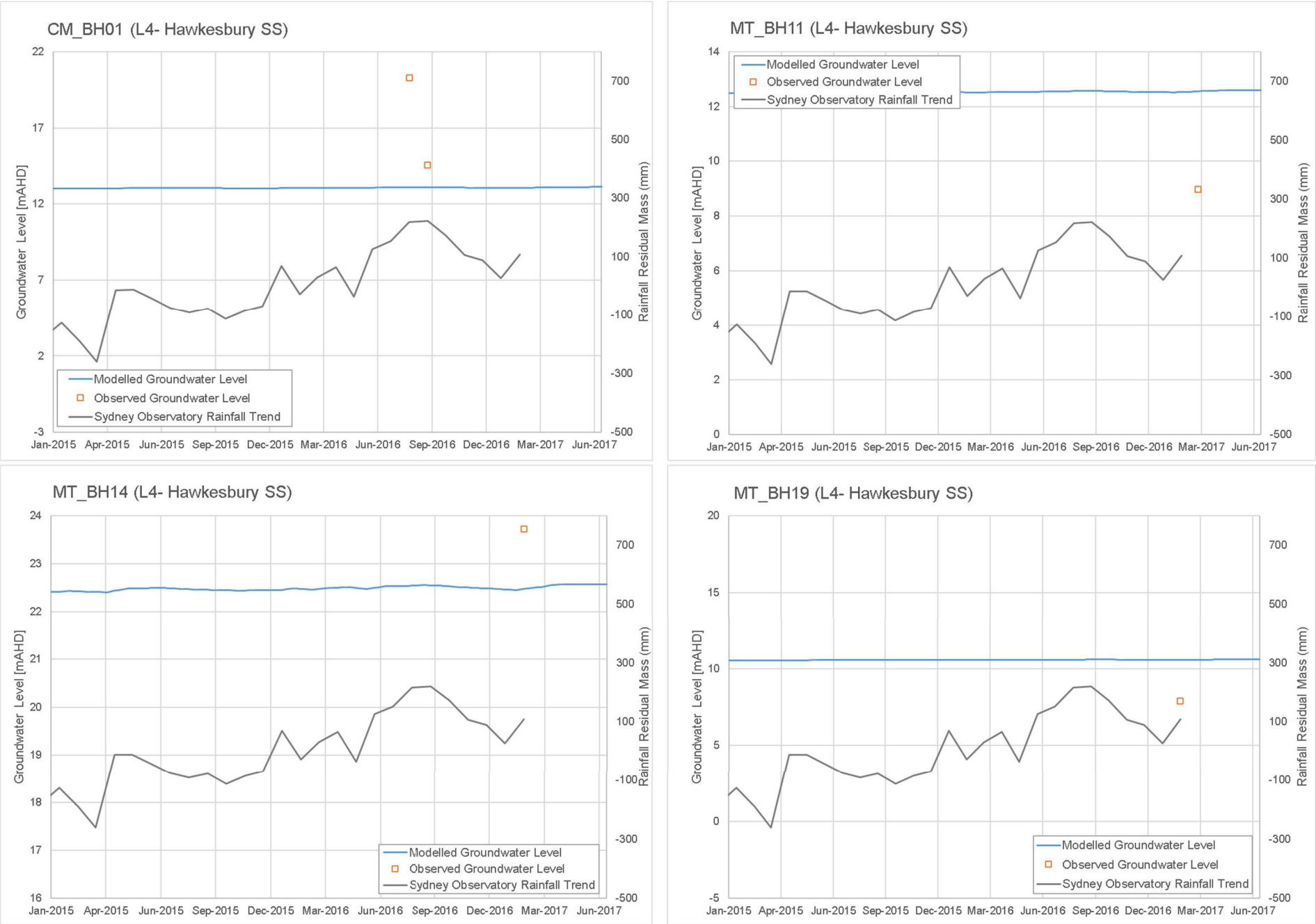
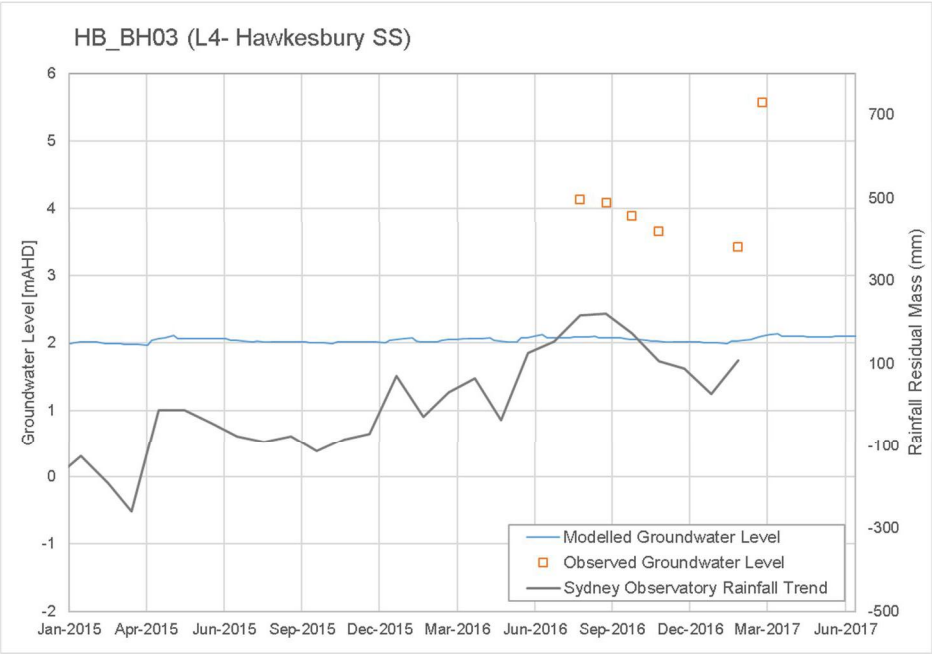
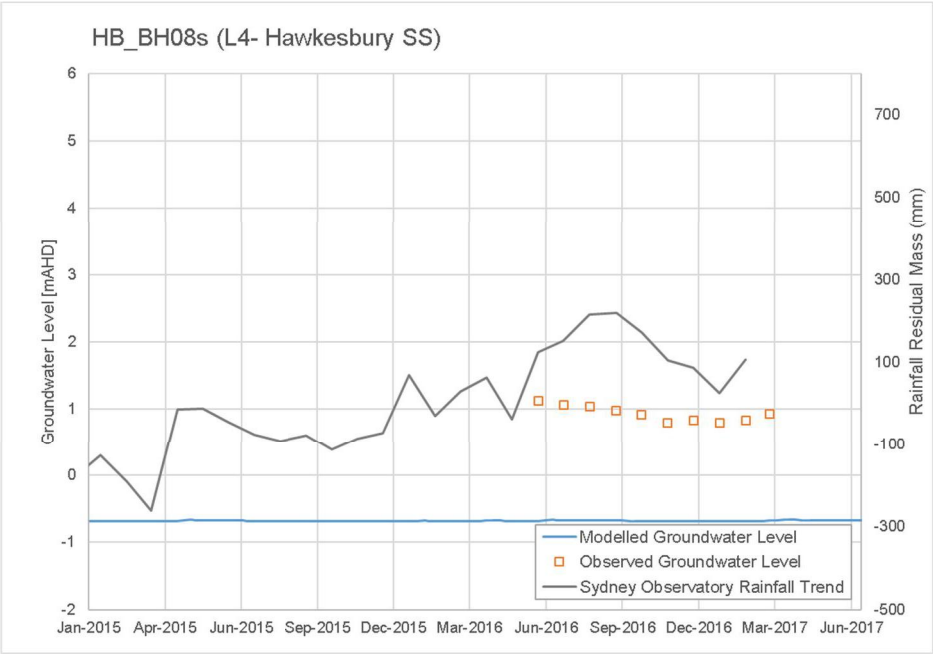
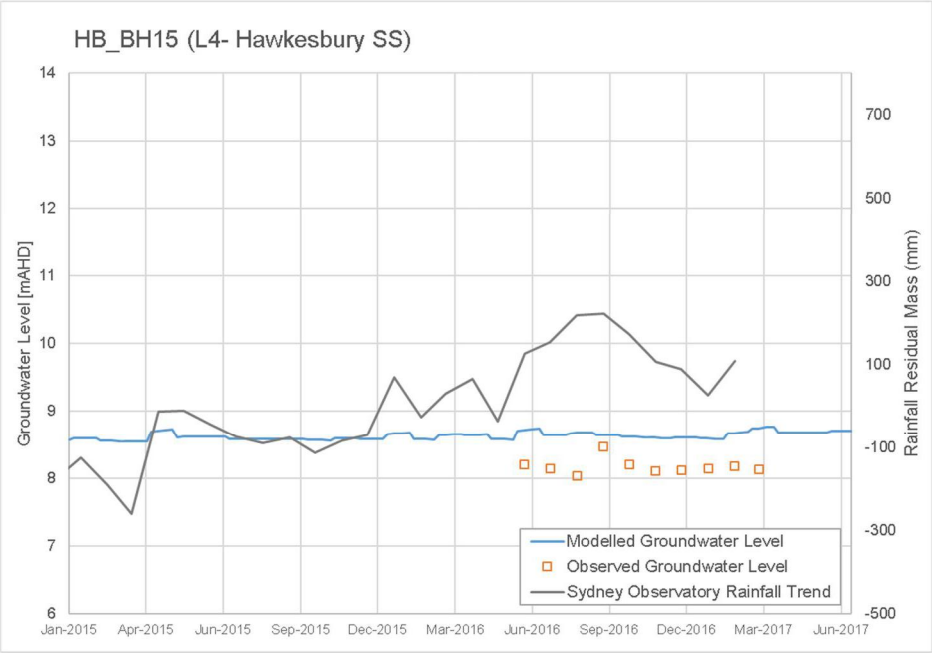


Figure A 5 - Calibration Hydrographs (Layer 4)







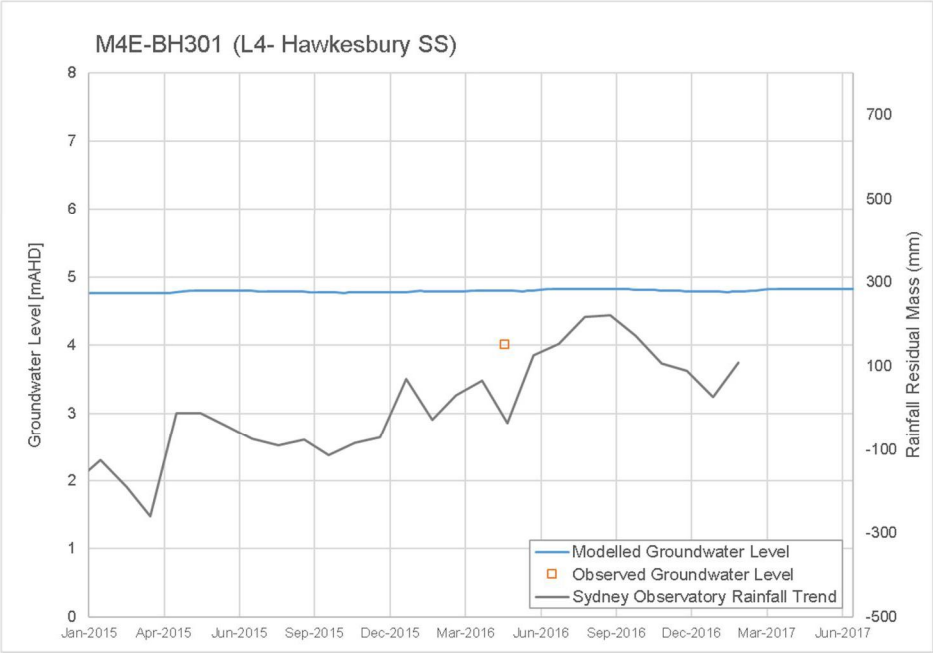
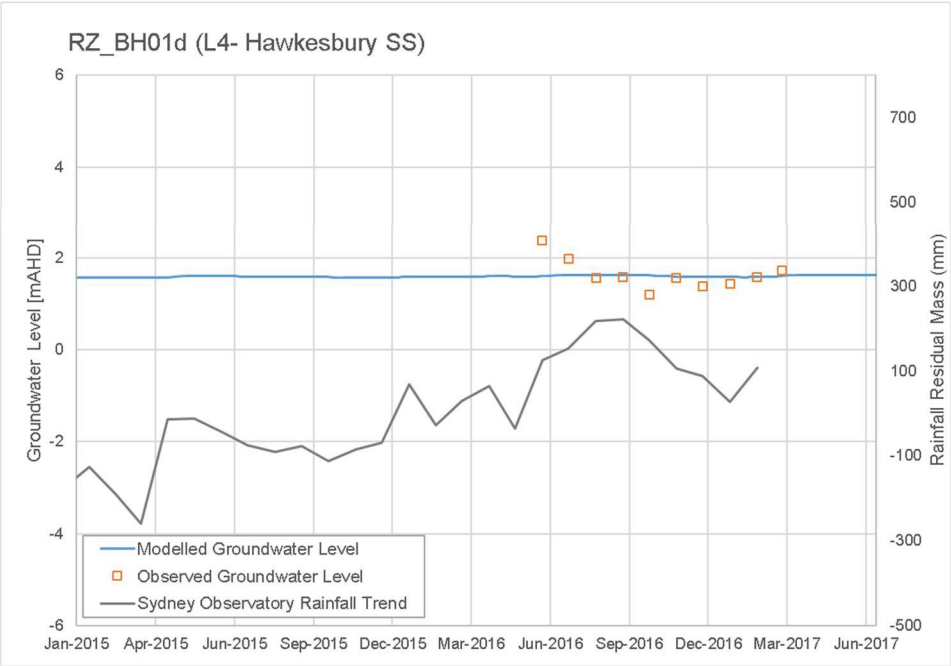
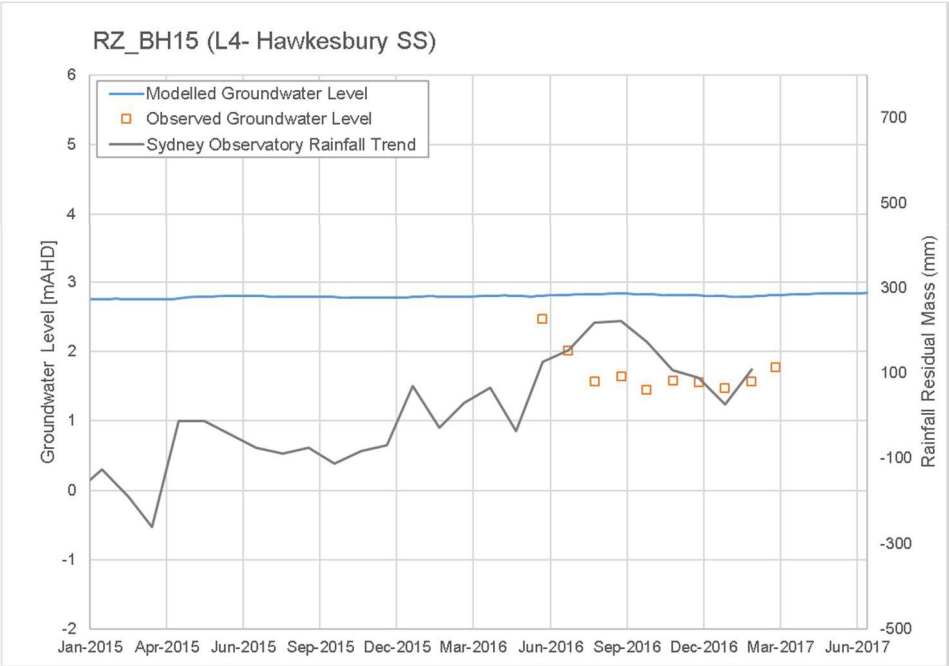
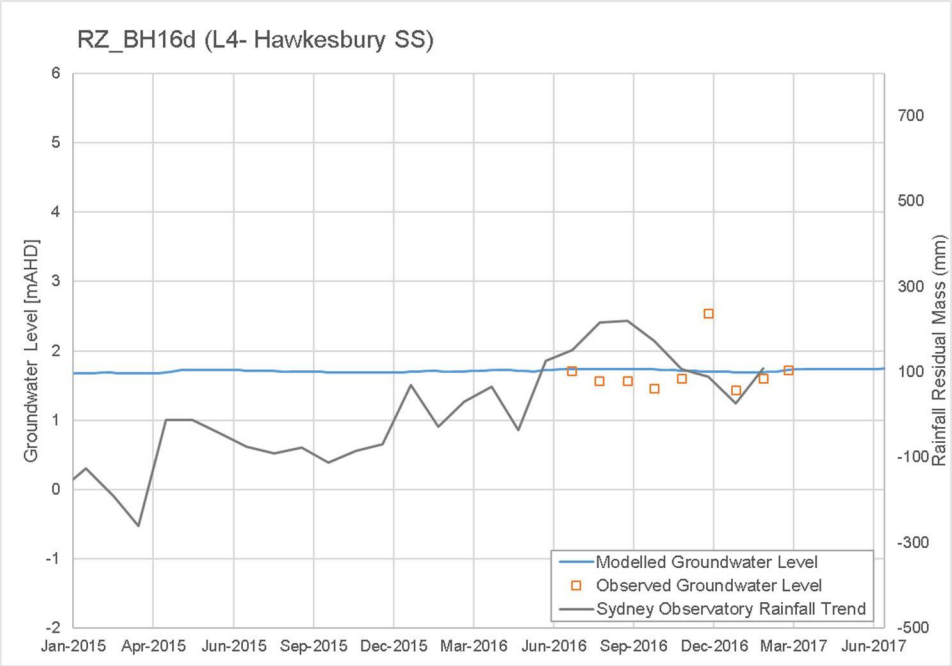


Figure A 6 - Calibration Hydrographs (Layer 4)







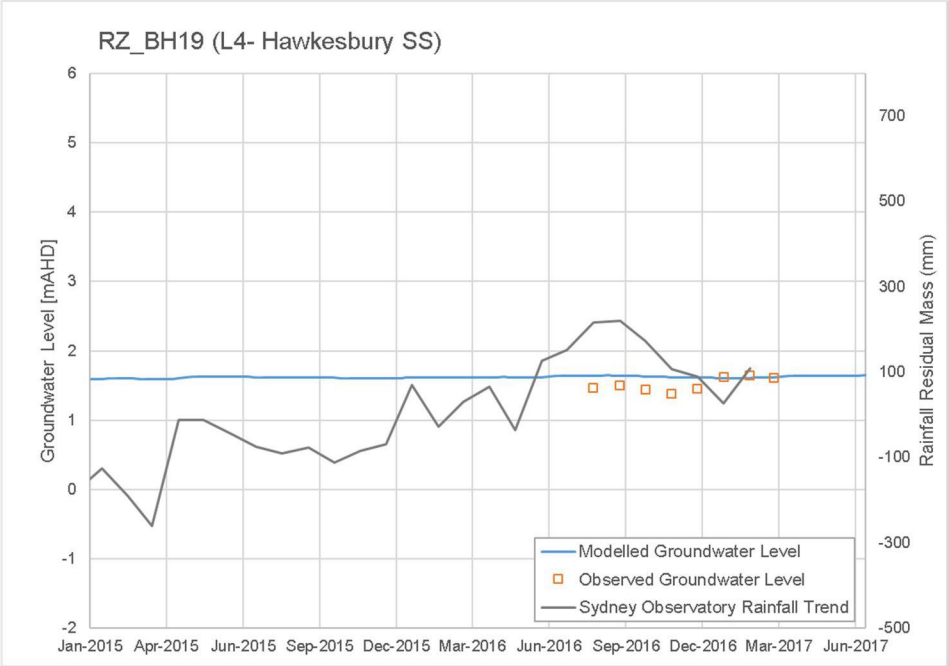
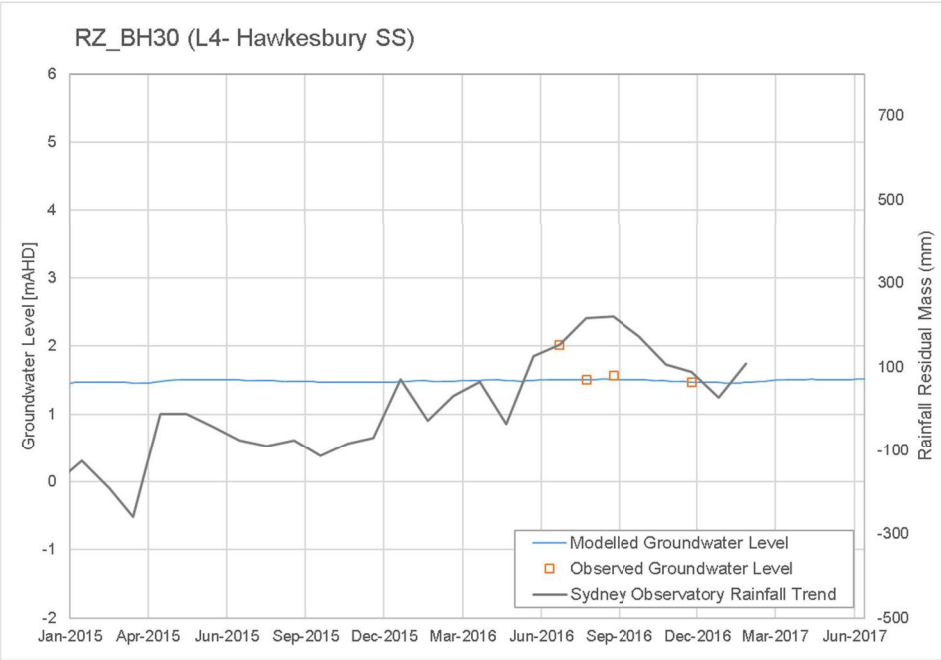
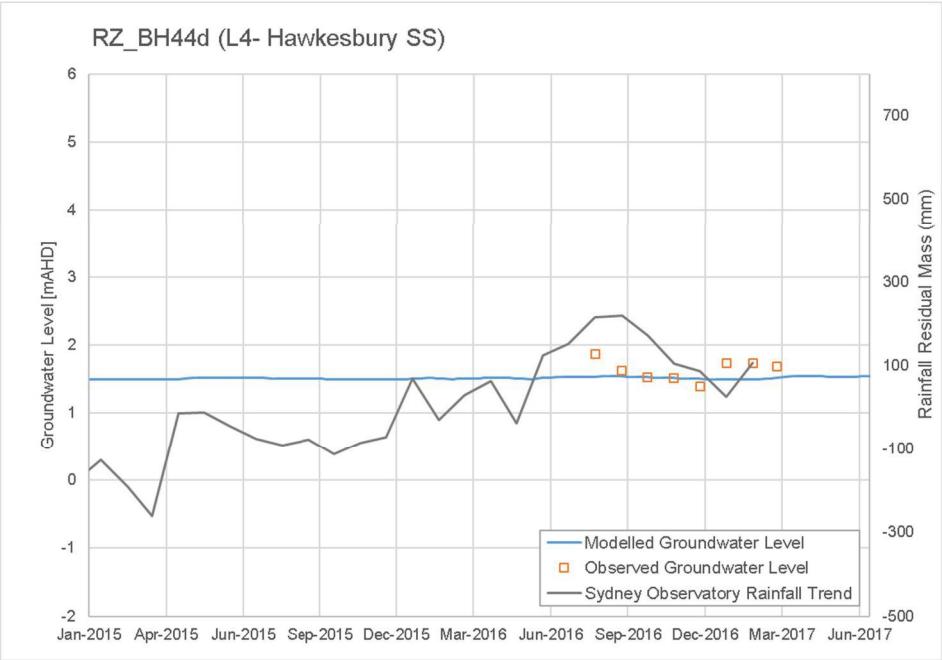
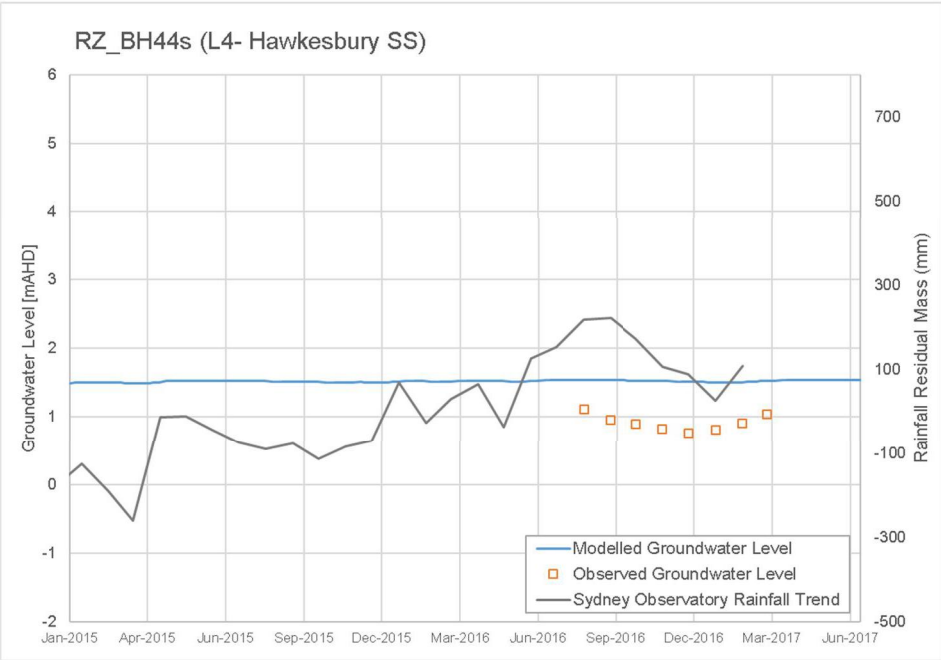


Figure A 7 - Calibration Hydrographs (Layer 4)







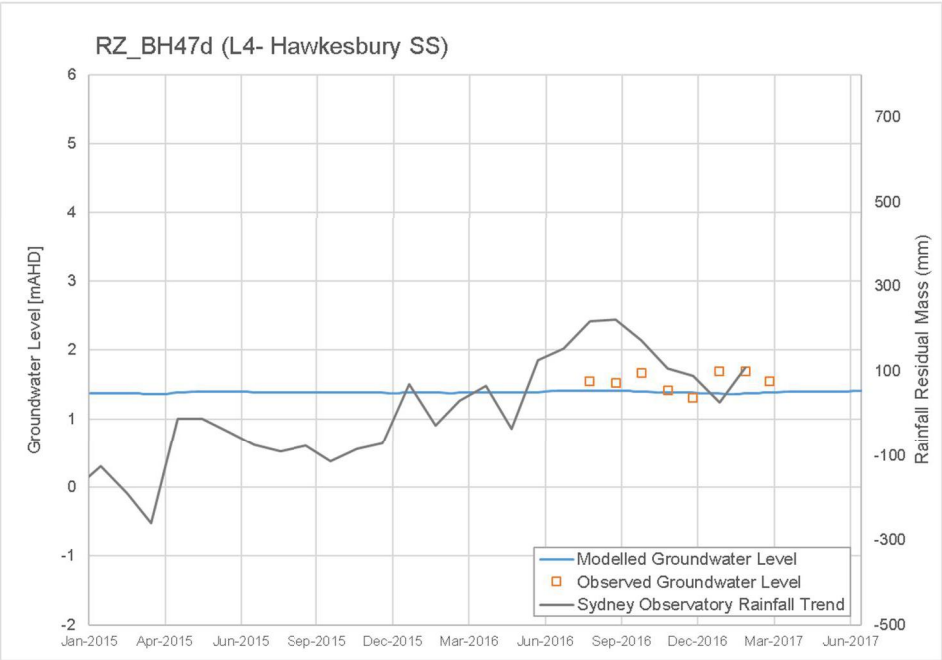
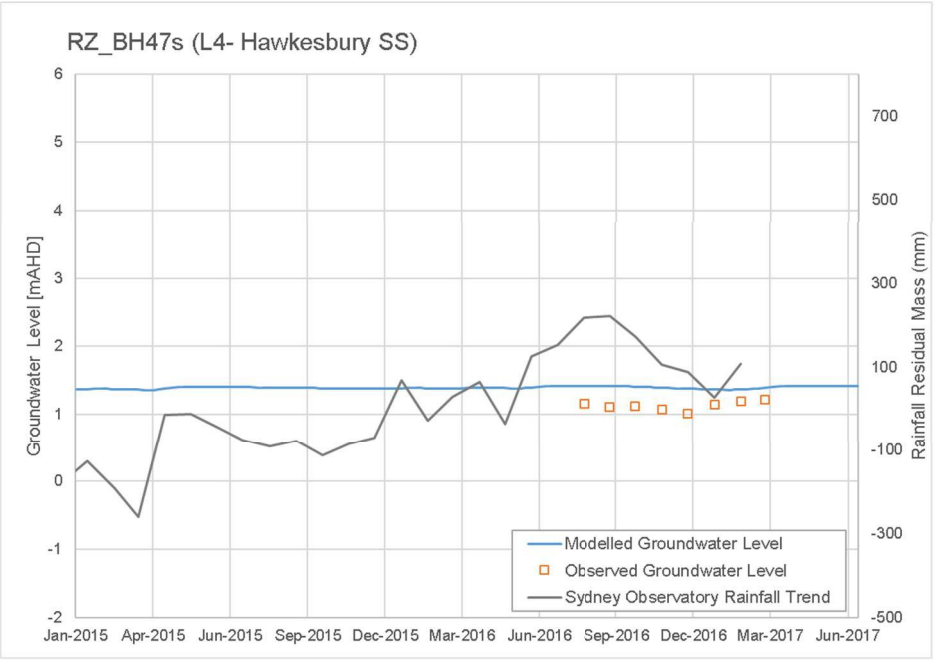
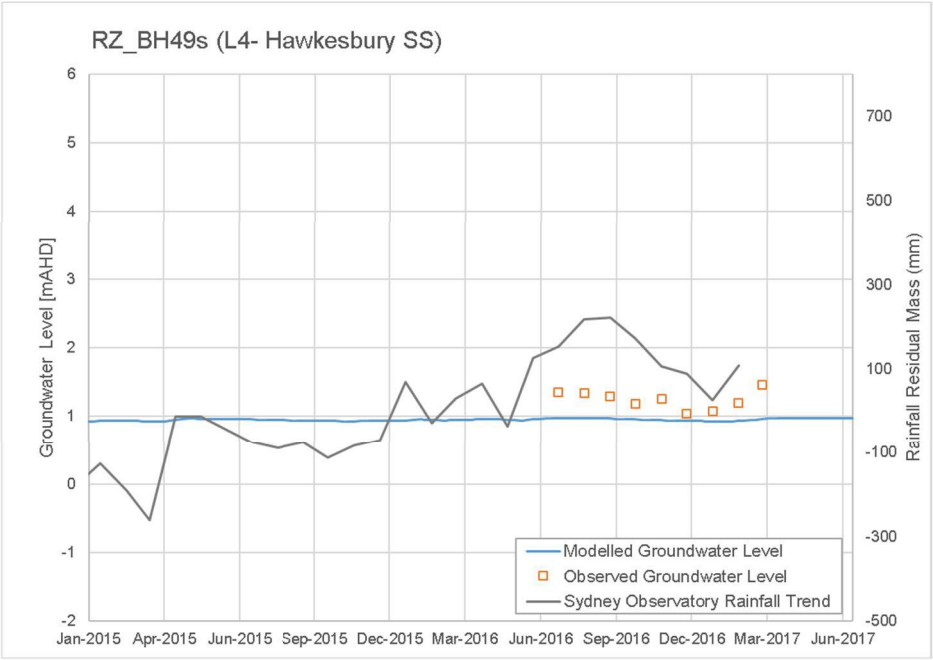
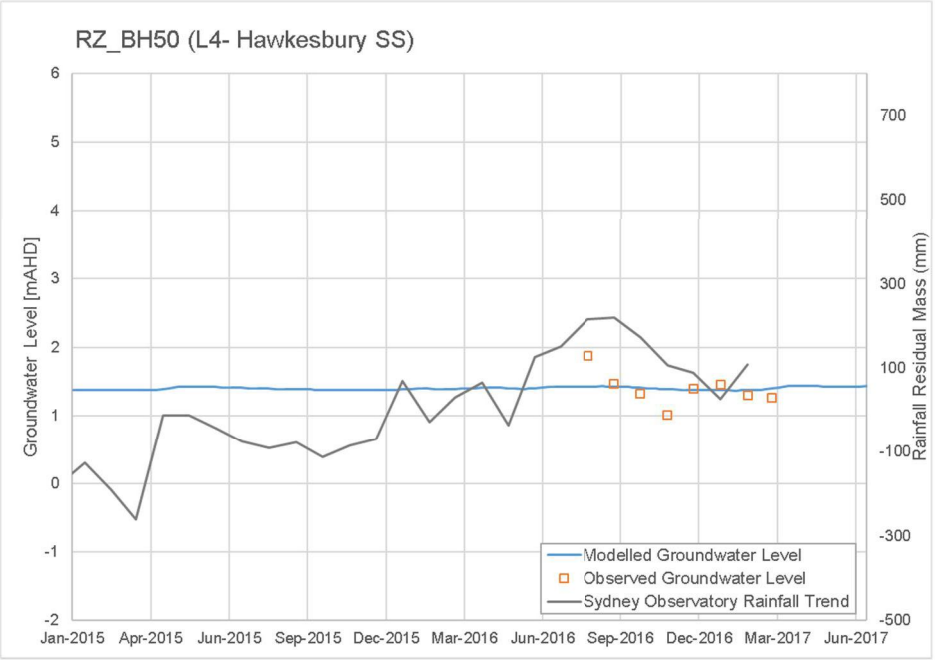


Figure A 8 - Calibration Hydrographs (Layer 4)







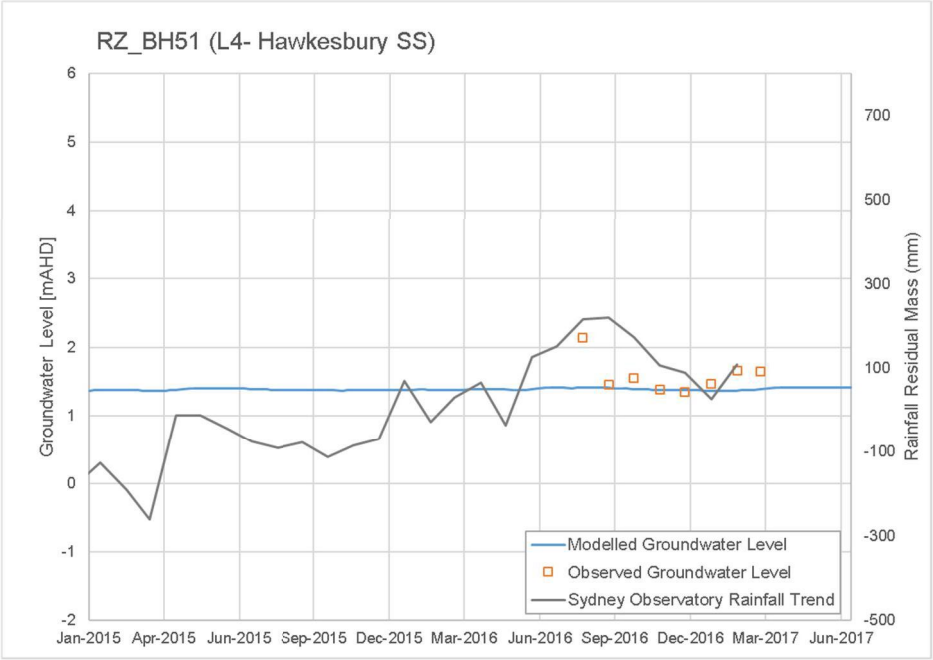
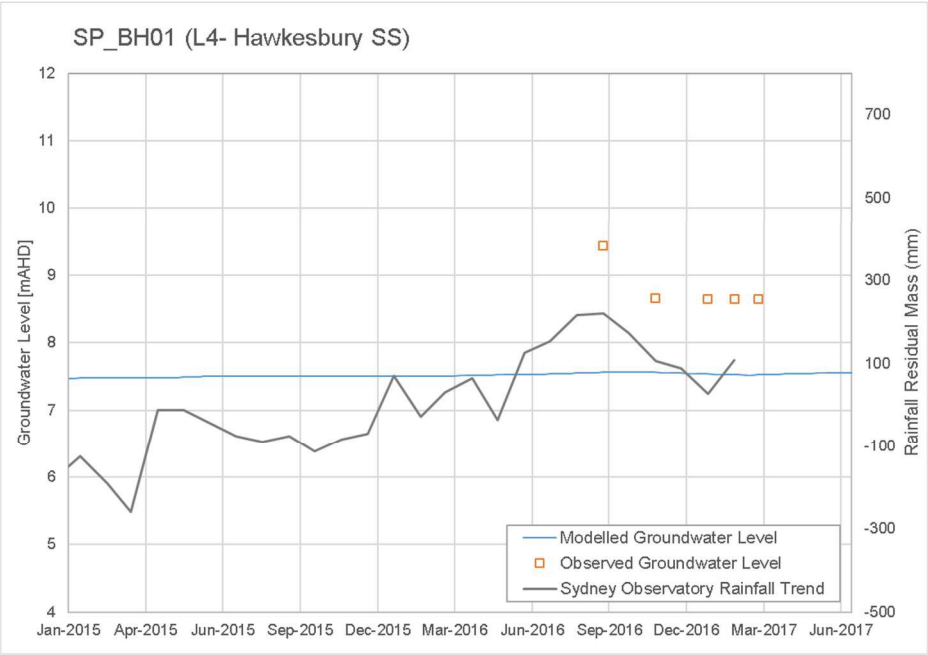
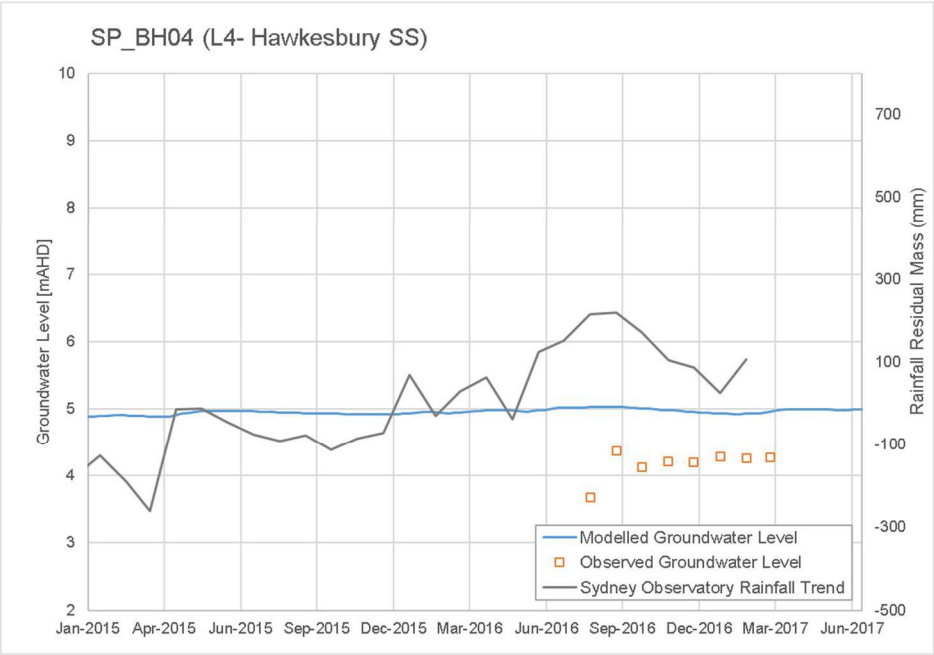
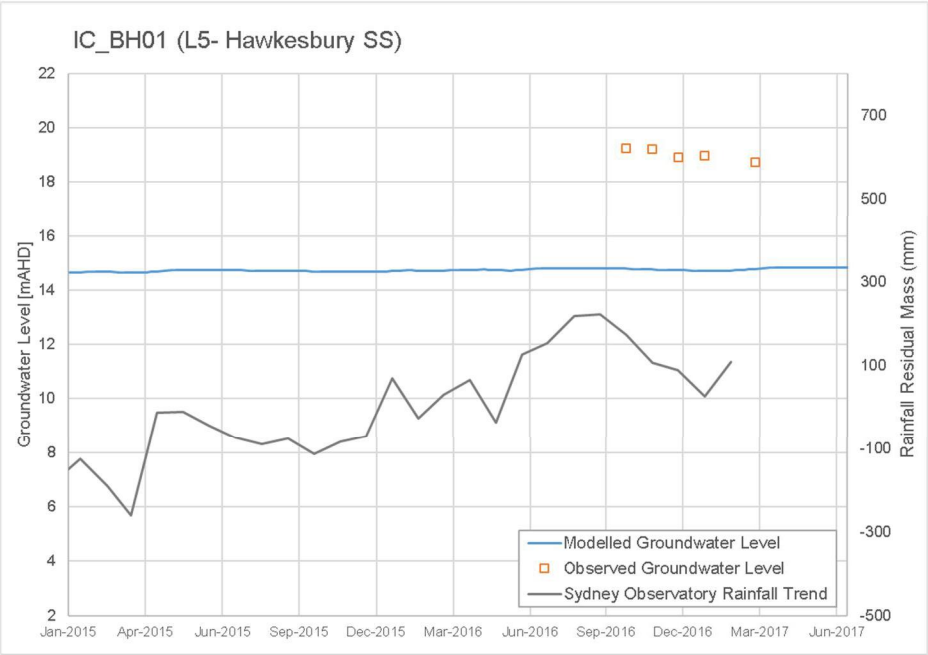


Figure A 9 - Calibration Hydrographs (Layer 4)







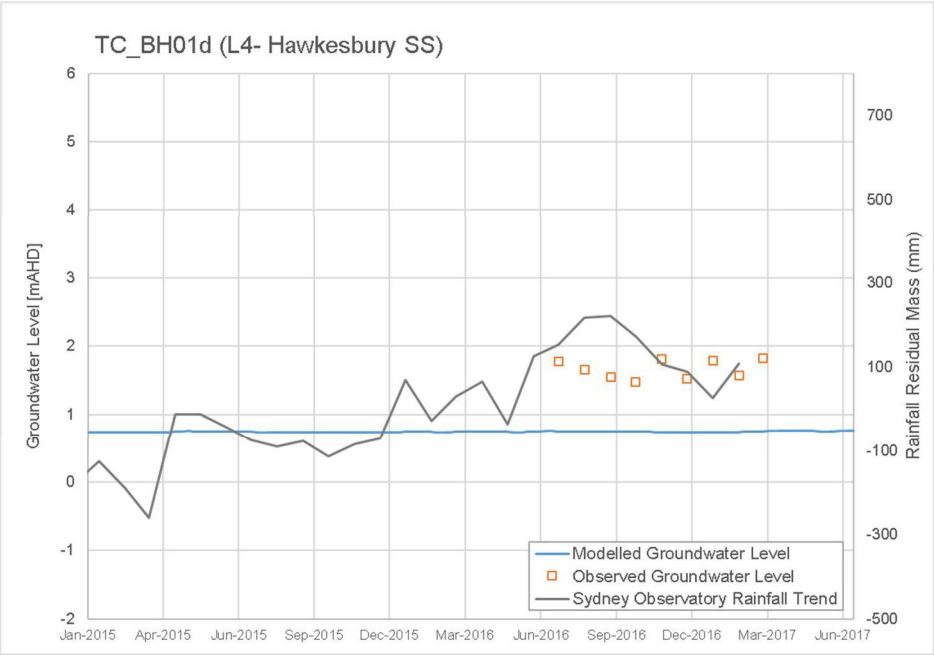
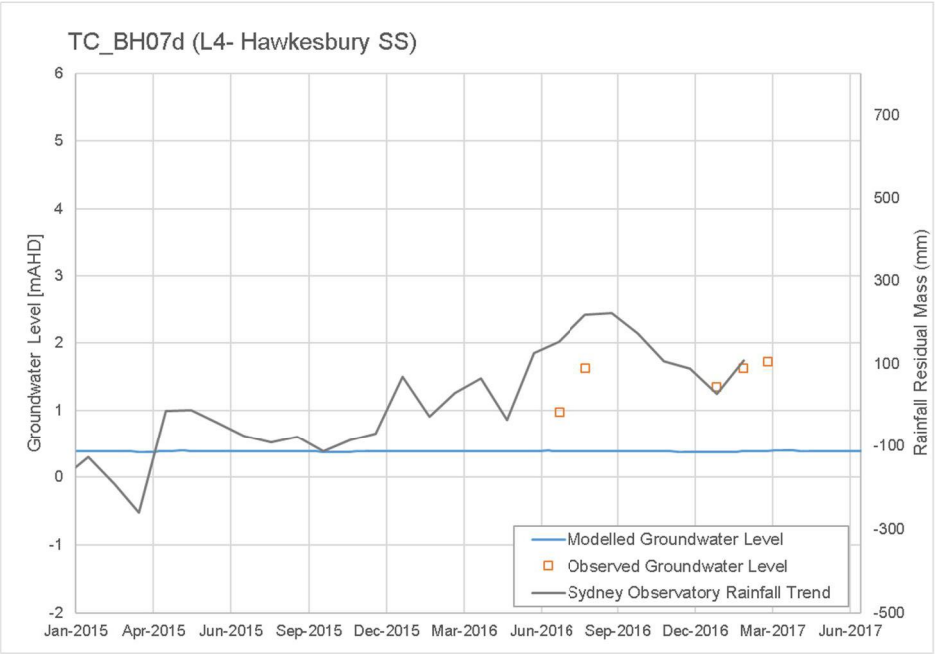
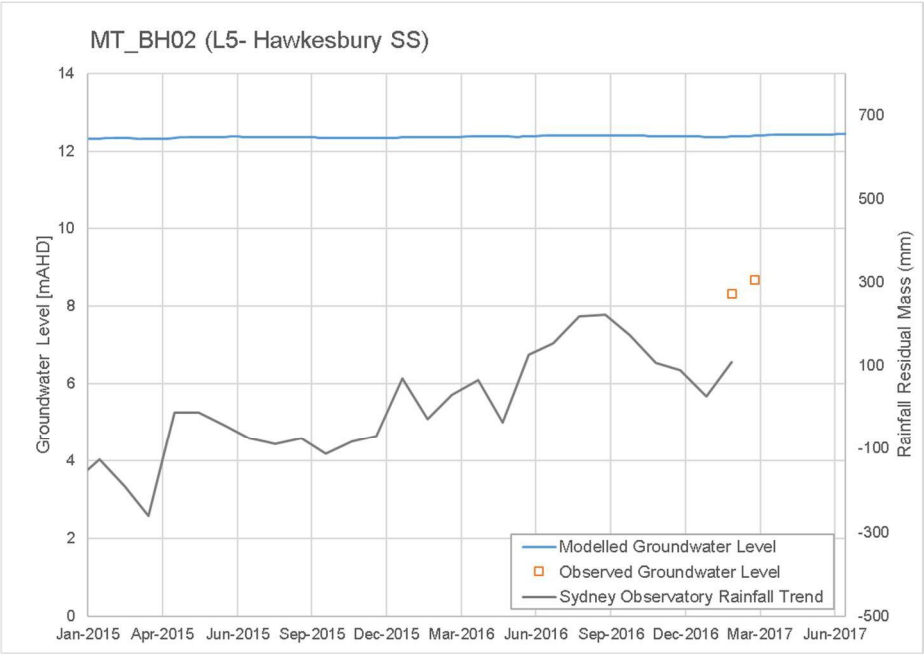


Figure A 10 - Calibration Hydrographs (Layer 4)





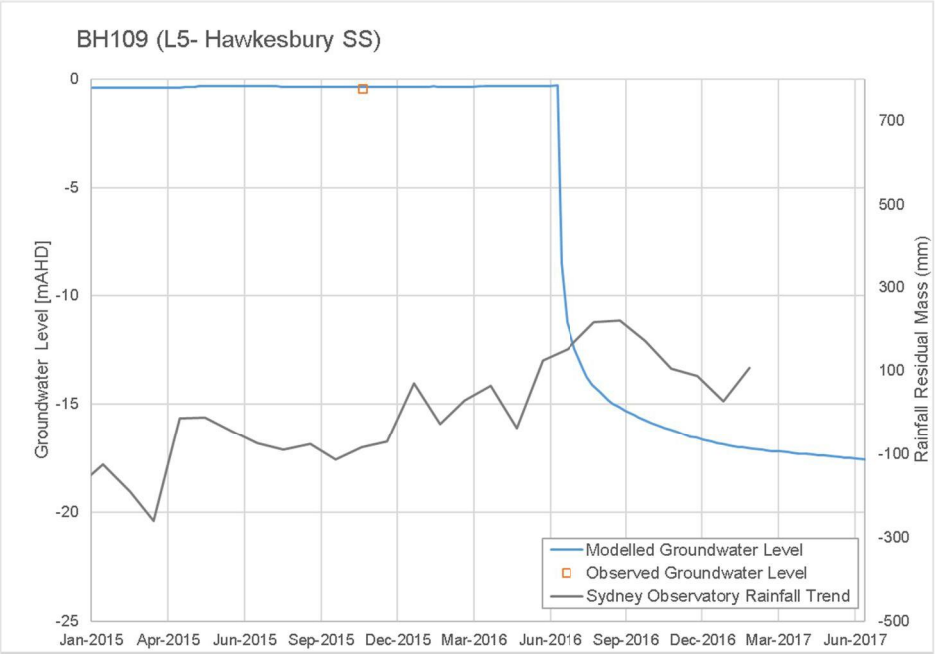
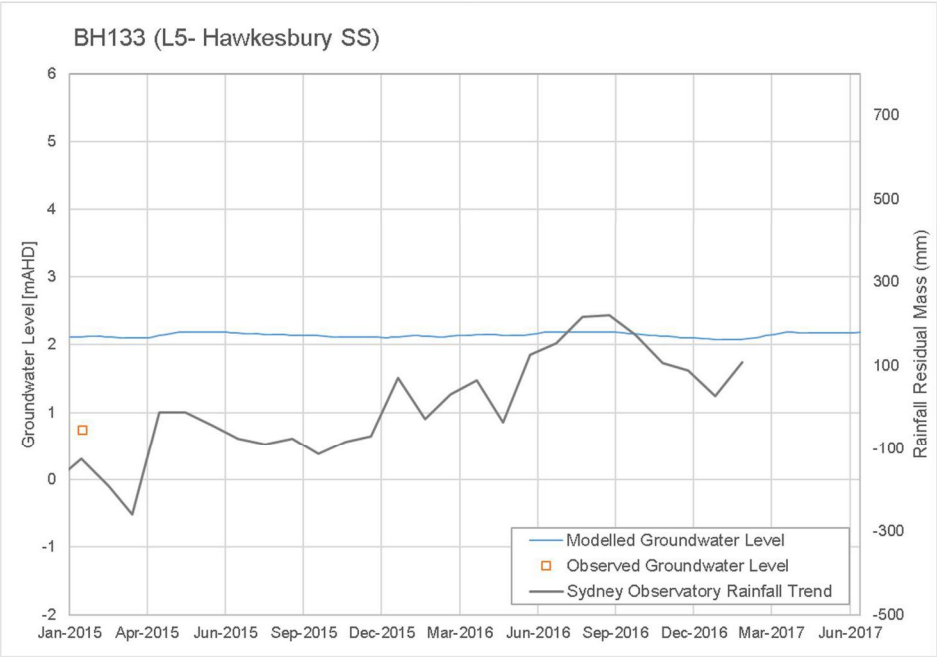
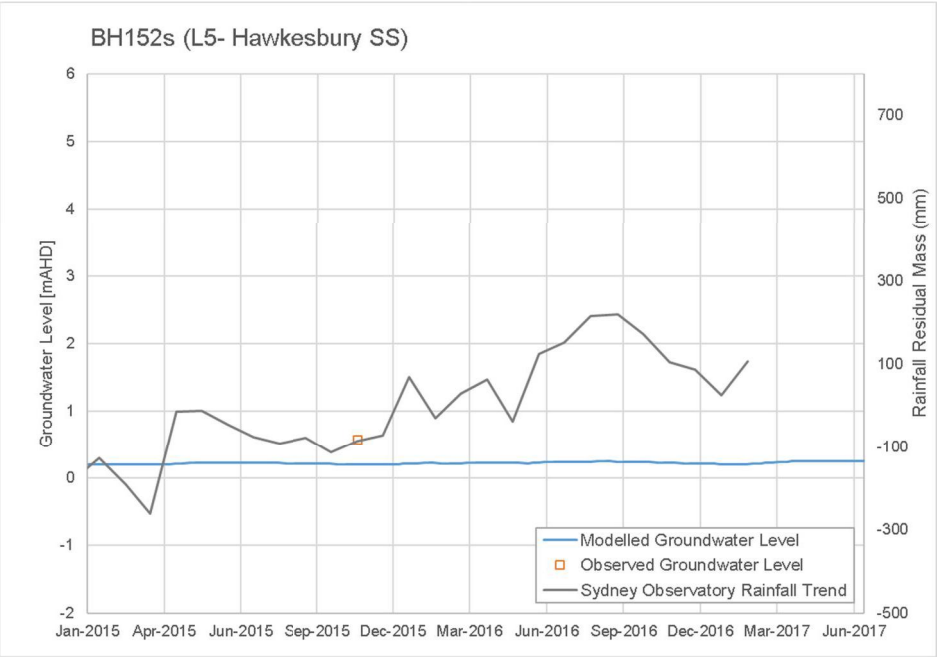
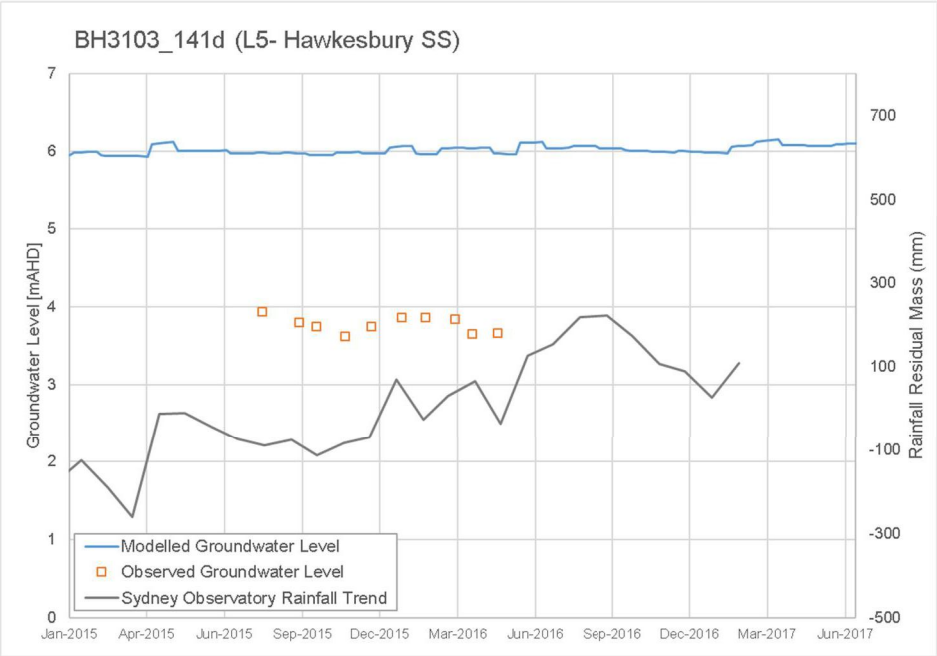


Figure A 11 - Calibration Hydrographs (Layer 4 & Layer 5)







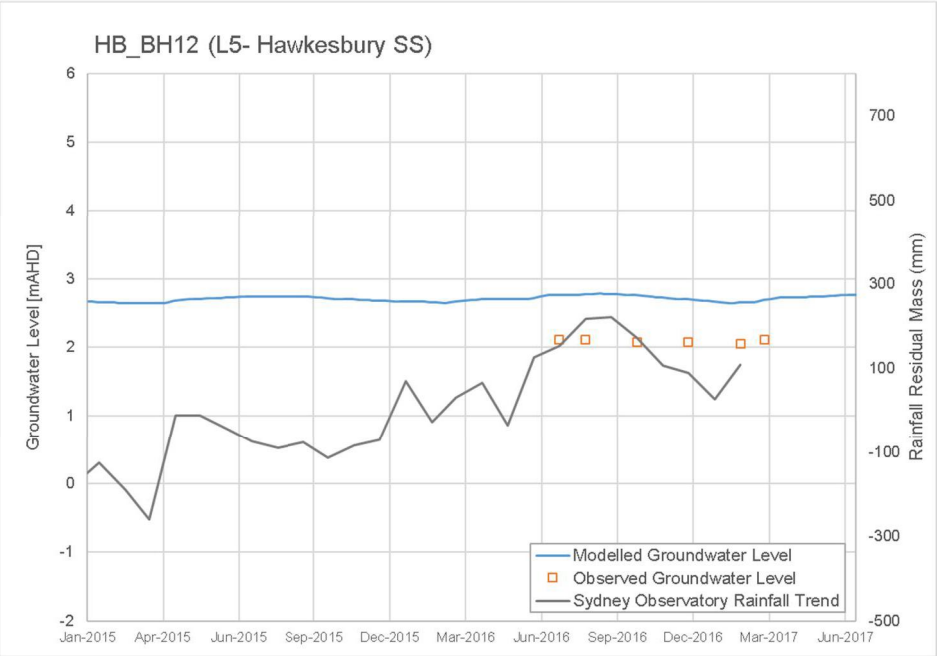
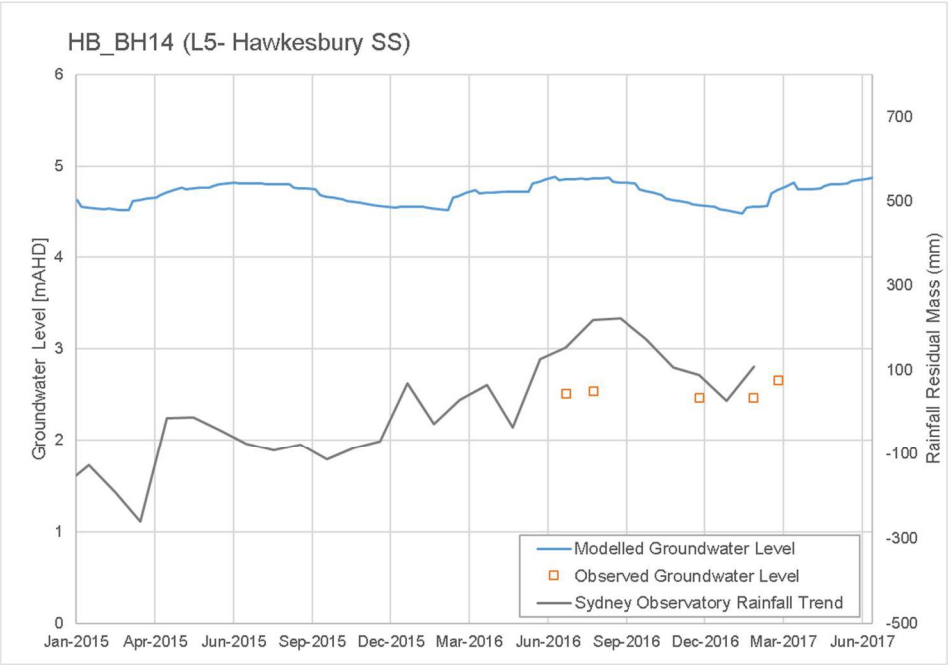
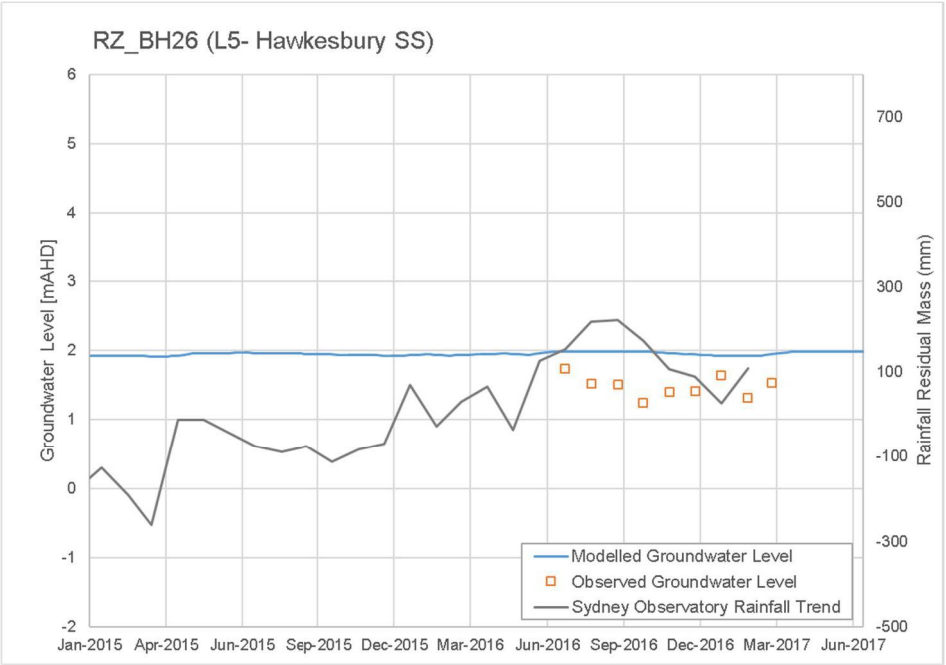
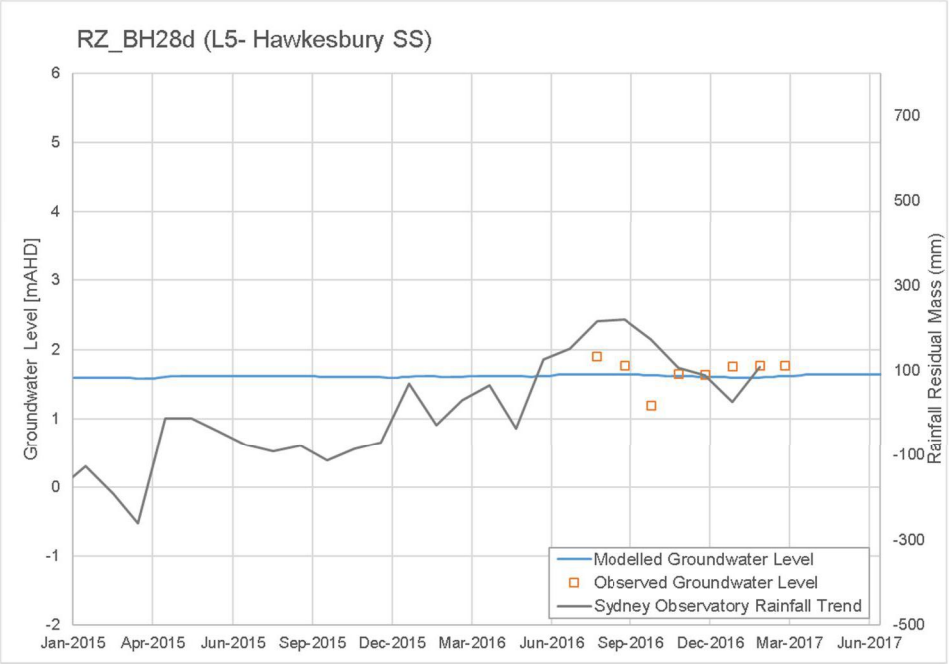


Figure A 12 - Calibration Hydrographs (Layer 5)







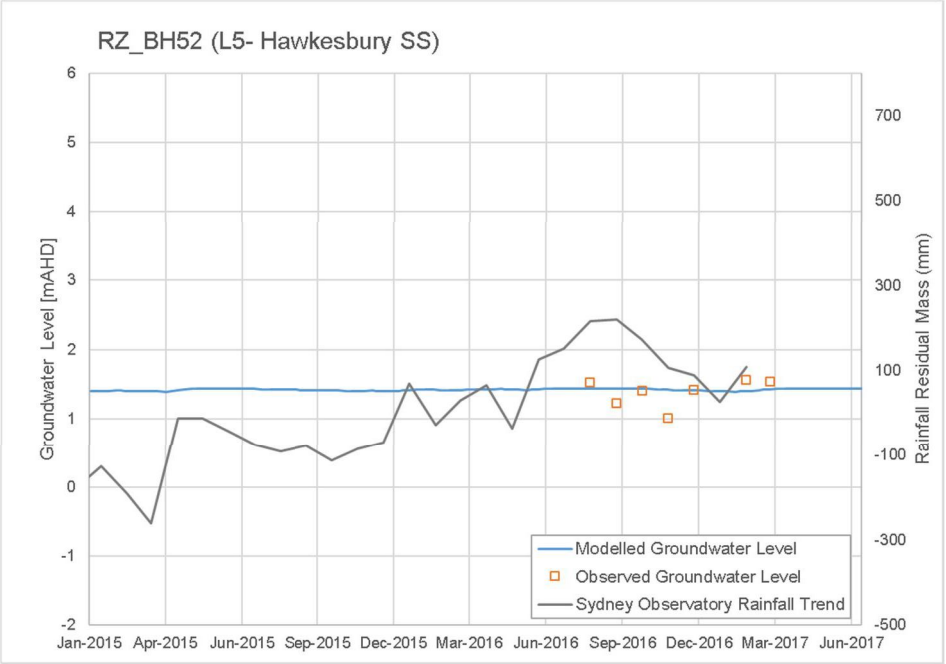
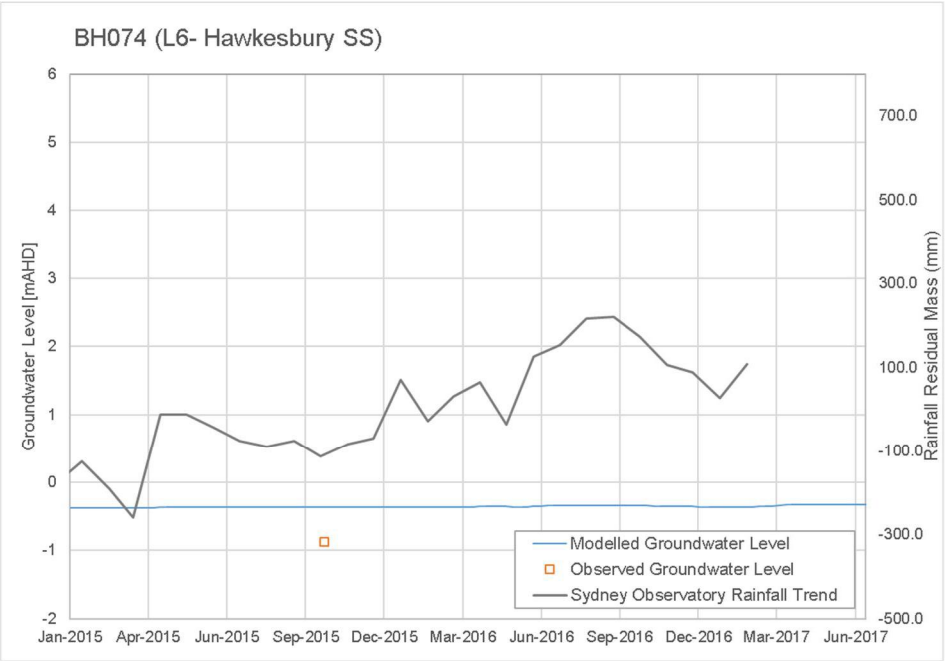
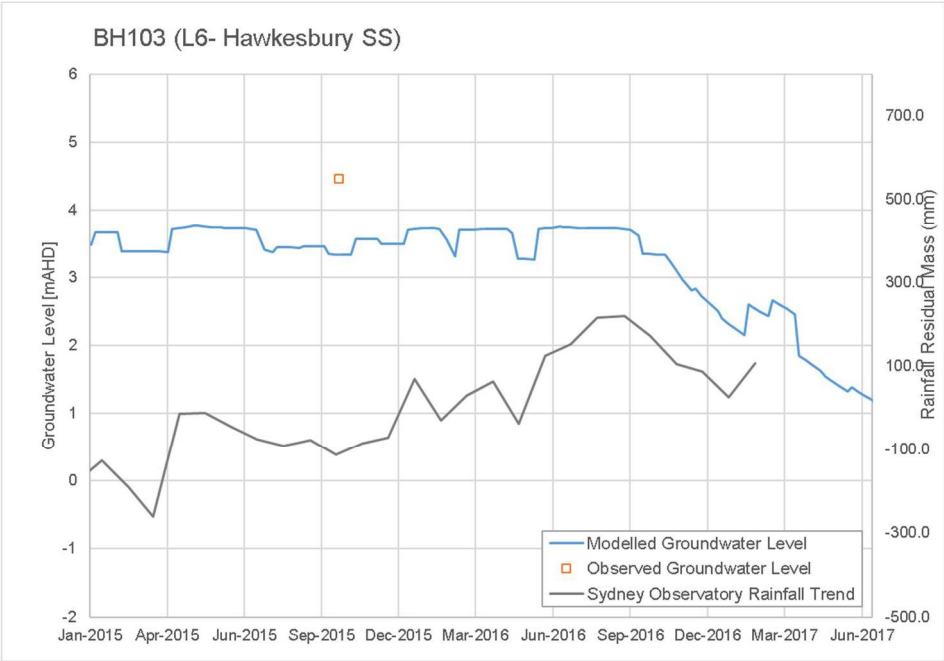
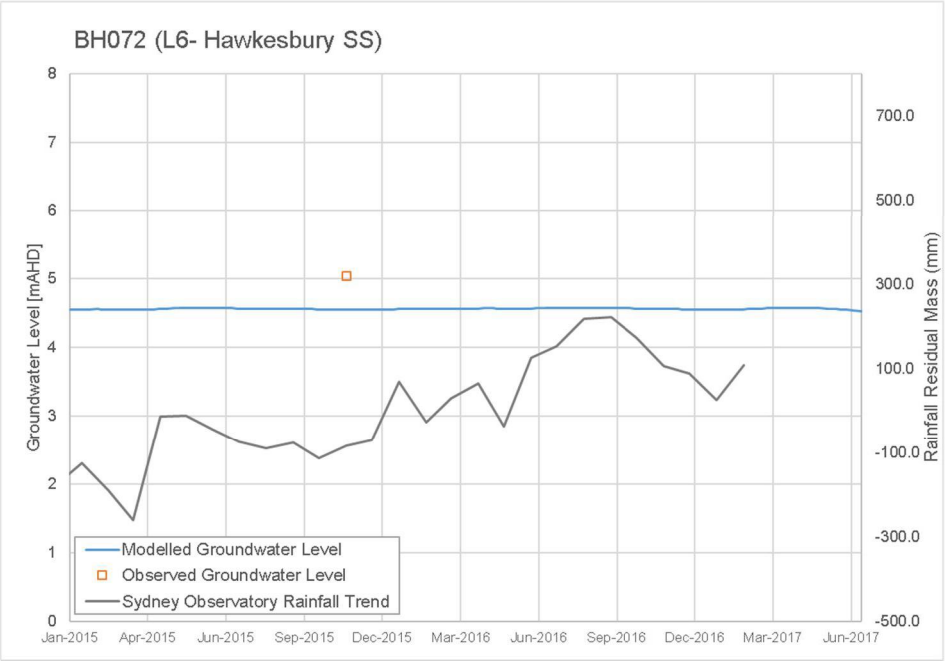


Figure A 13 - Calibration Hydrographs (Layer 5)







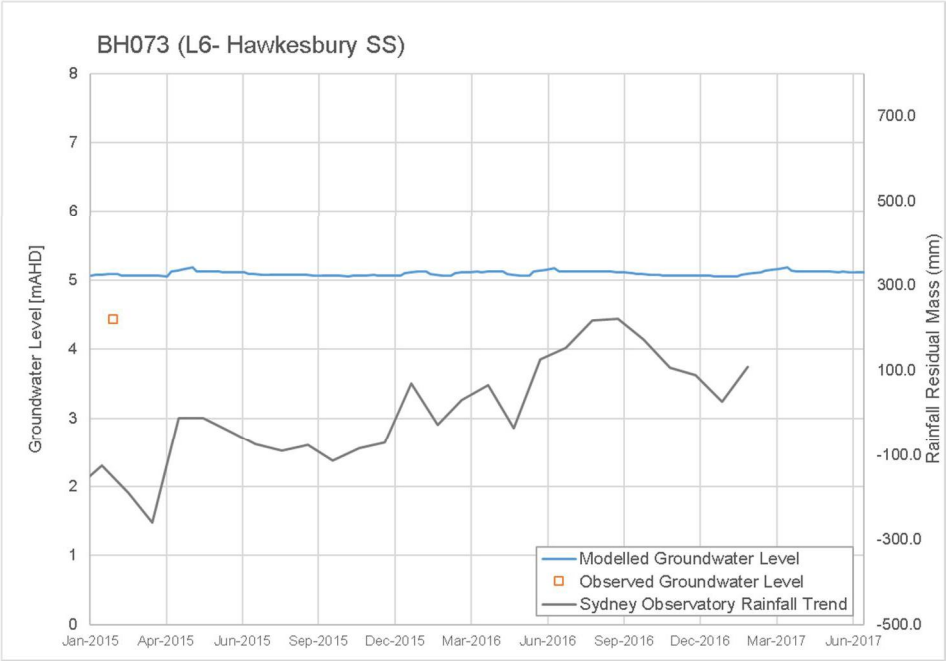
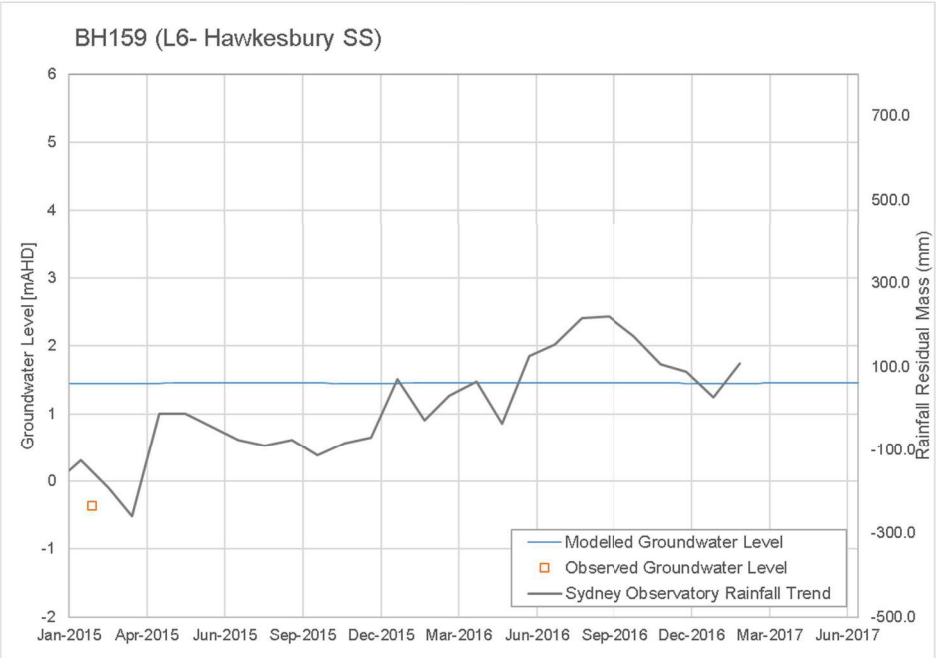
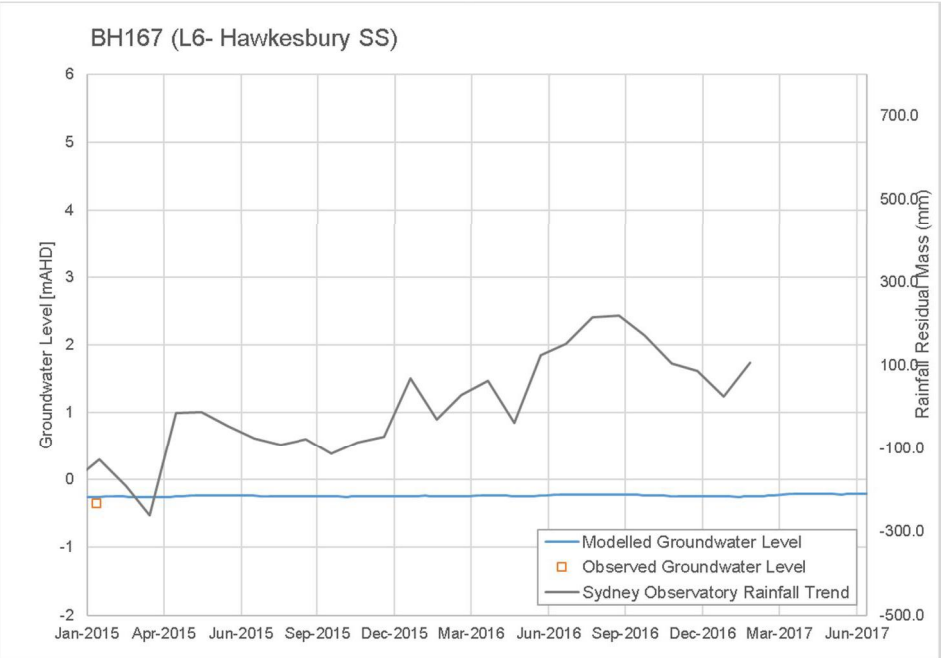
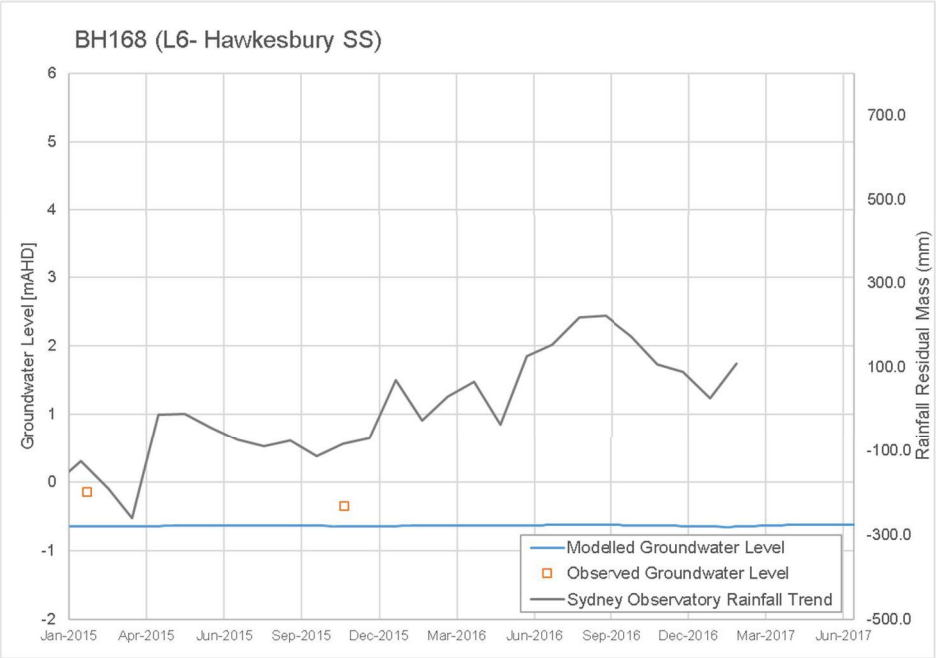


Figure A 14 - Calibration Hydrographs (Layer 6)







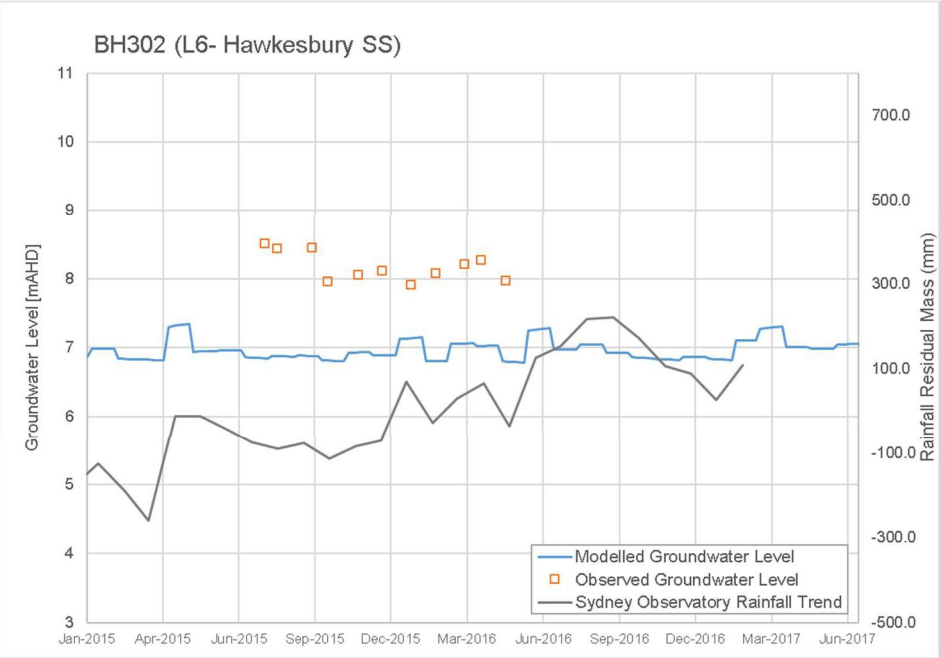
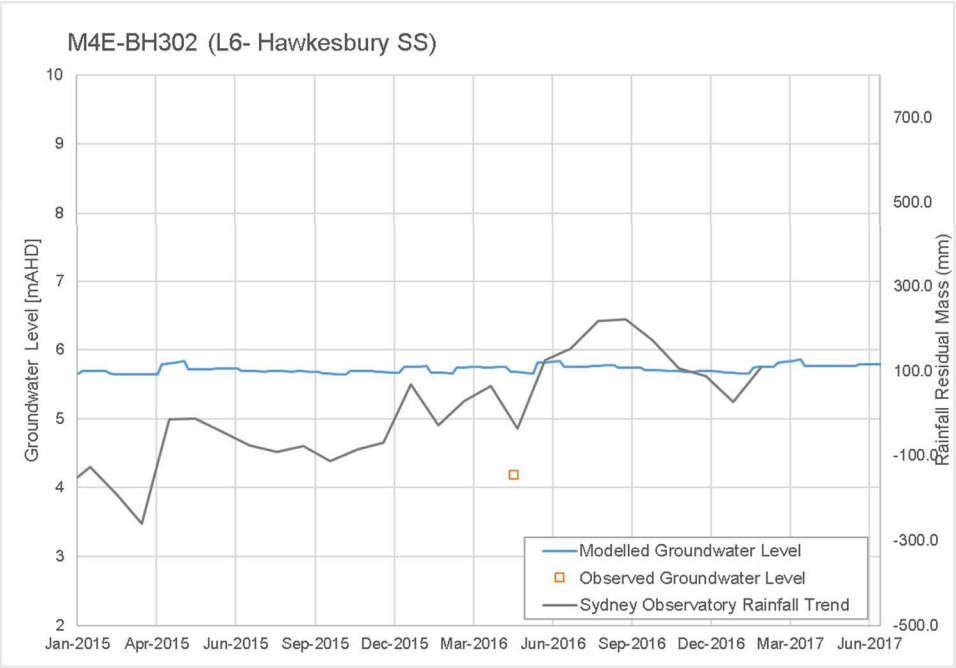
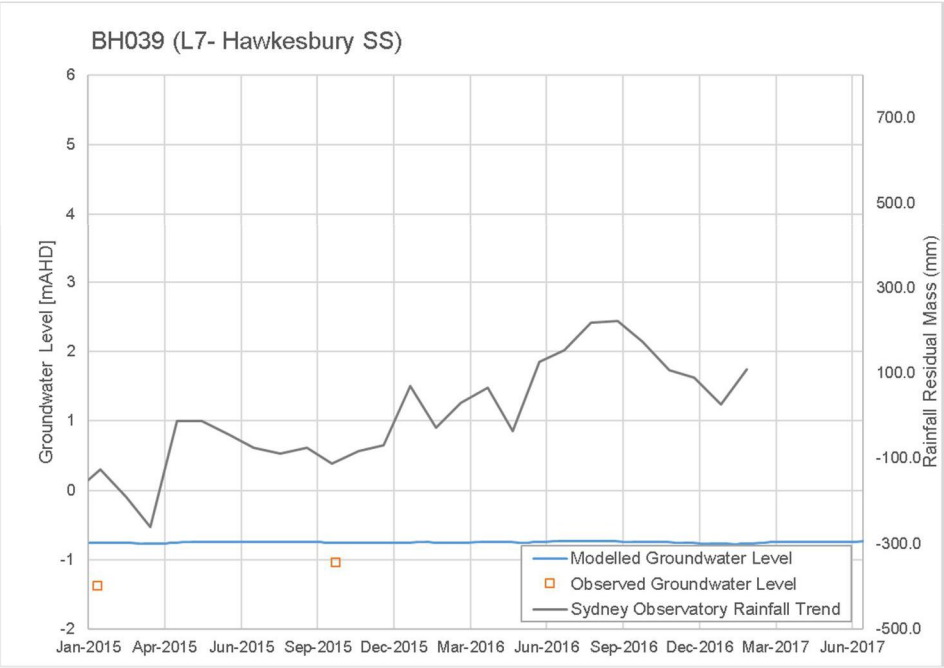
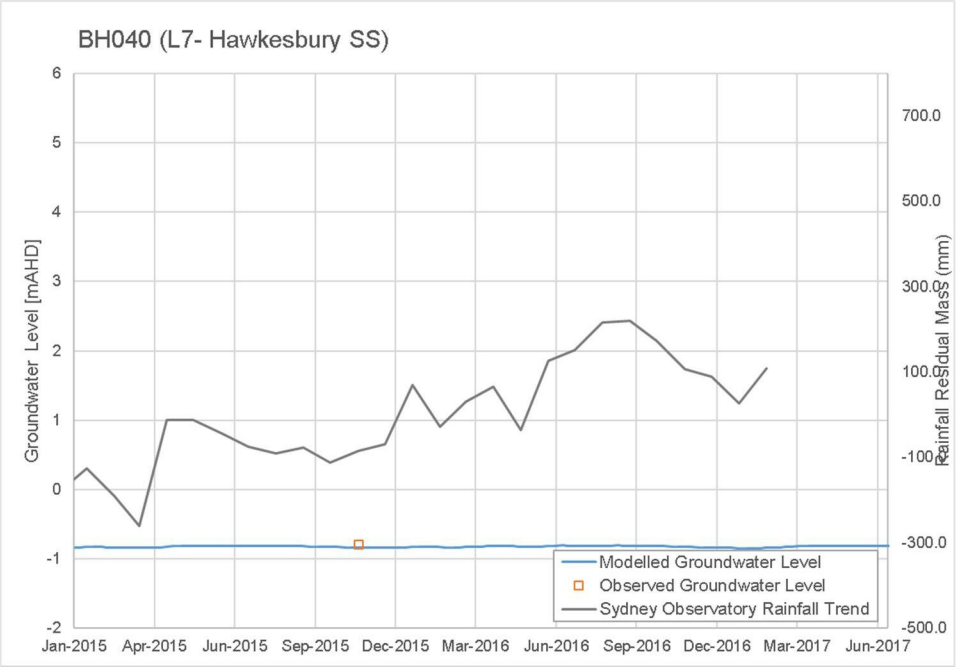


Figure A 15 - Calibration Hydrographs (Layer 6)







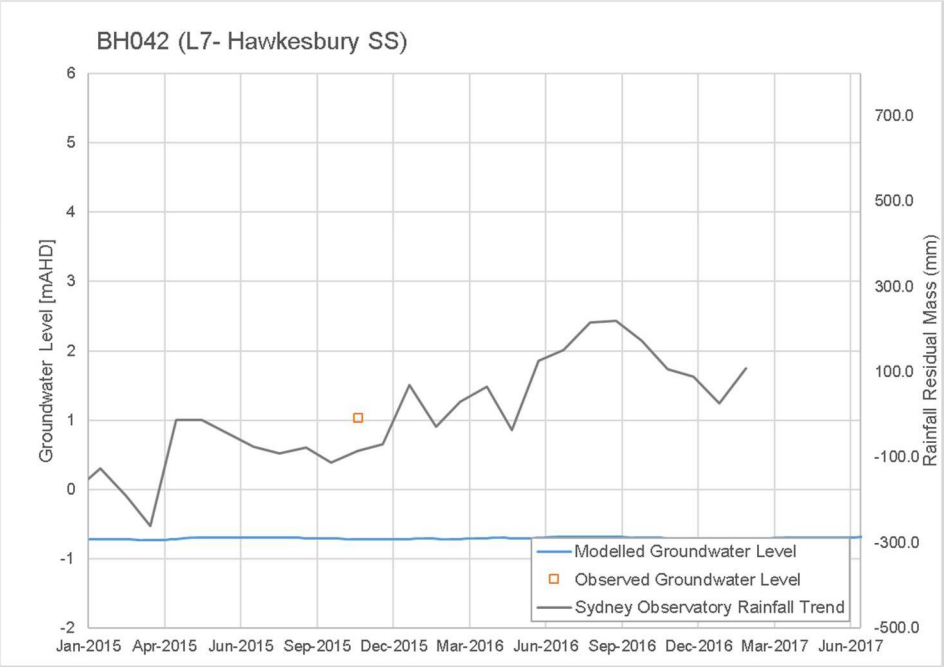
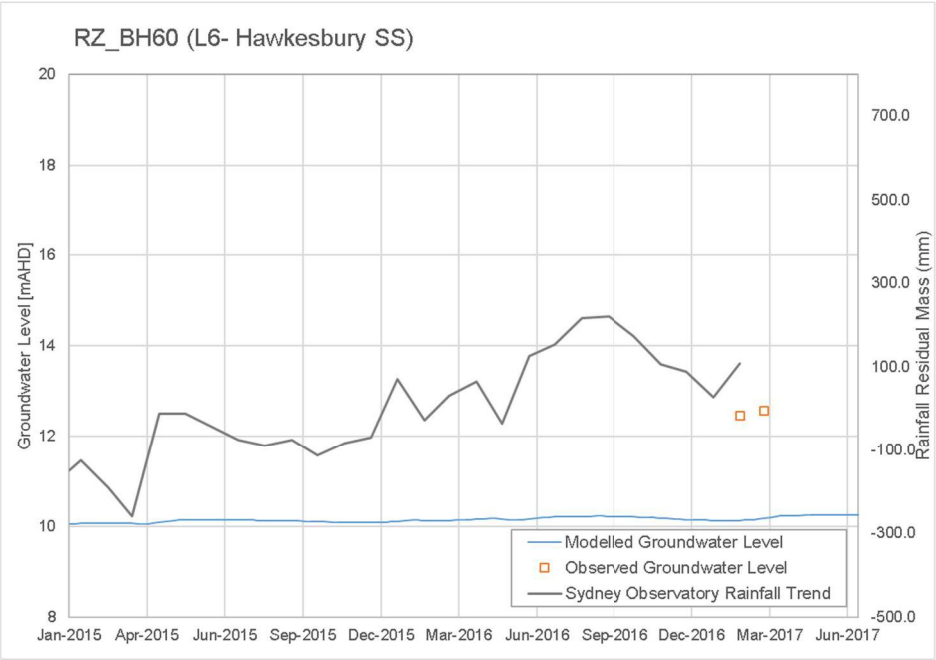
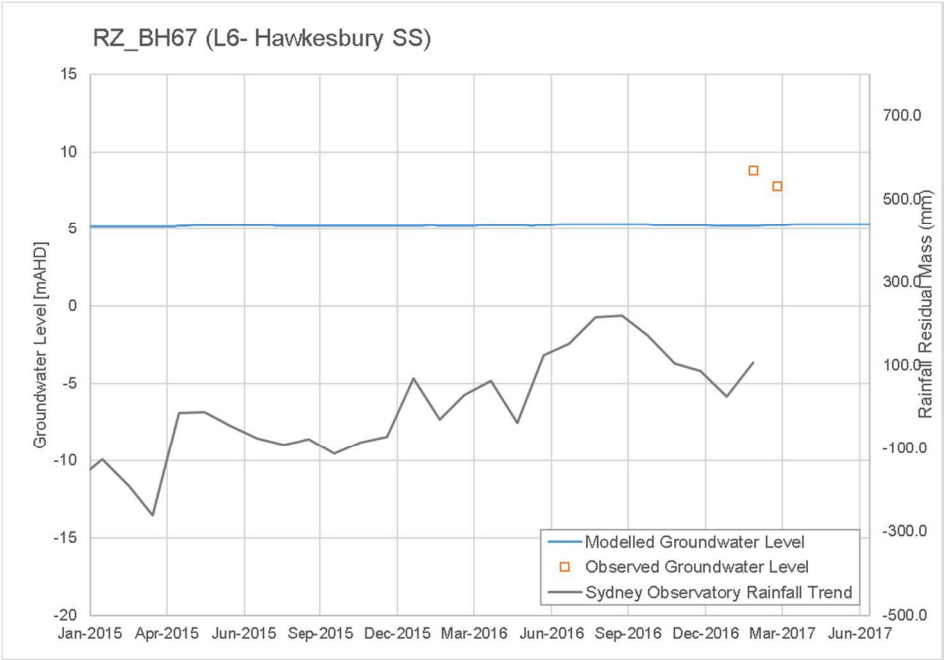
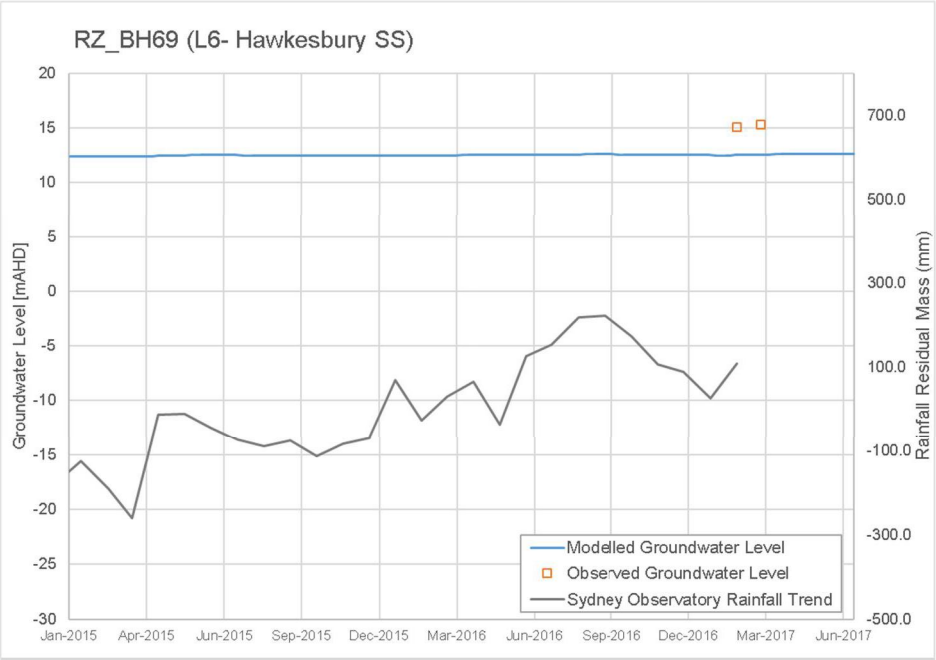


Figure A 16 - Calibration Hydrographs (Layer 6)







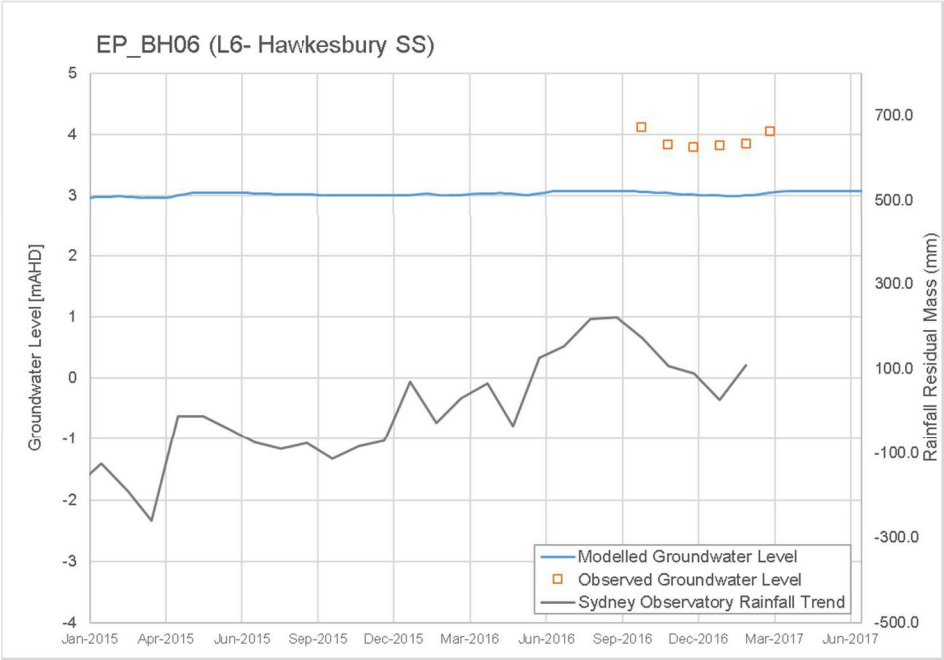
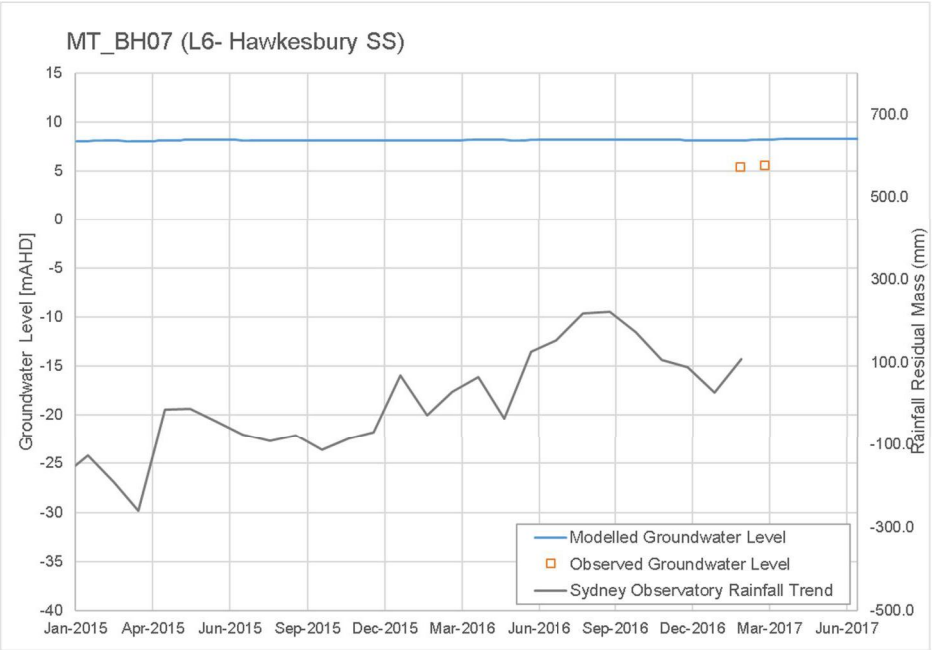
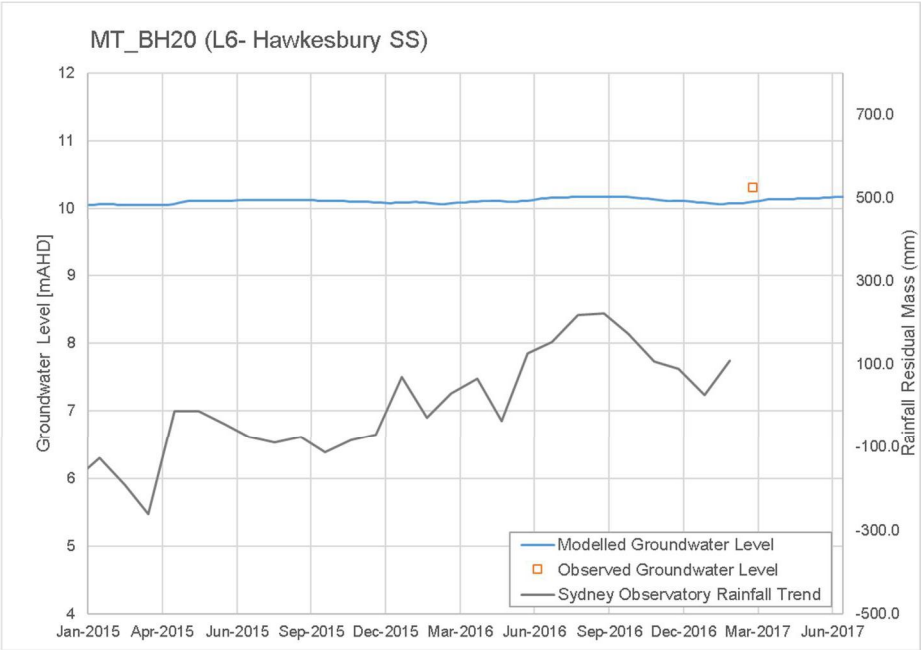


Figure A 17 - Calibration Hydrographs (Layer 6)





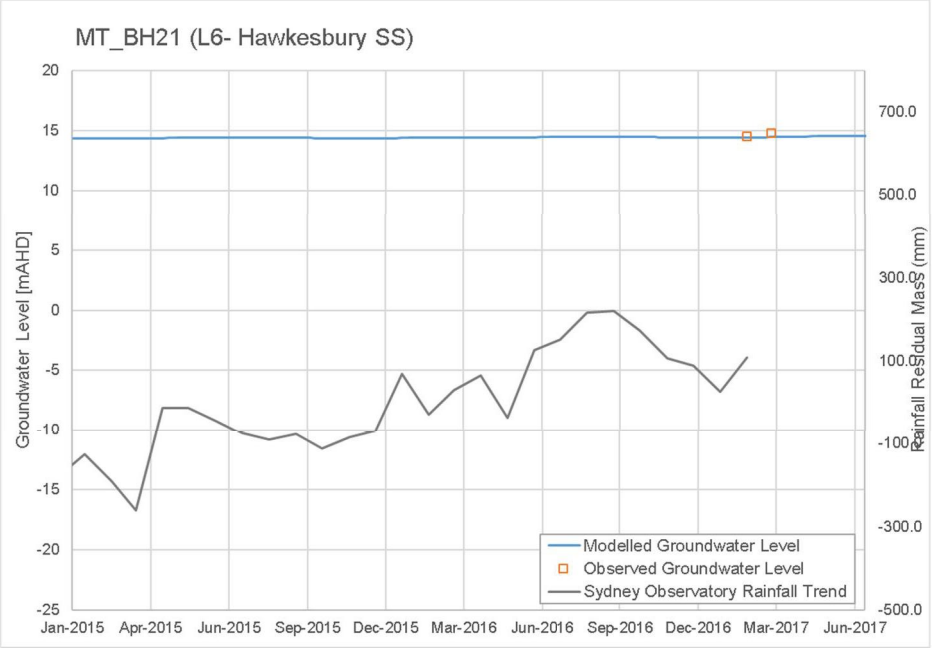
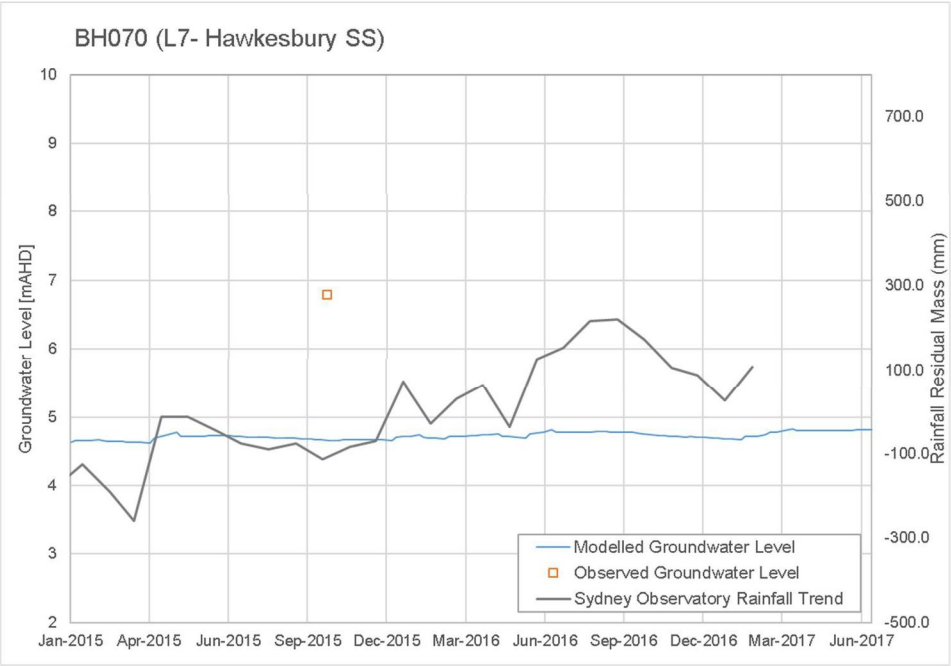
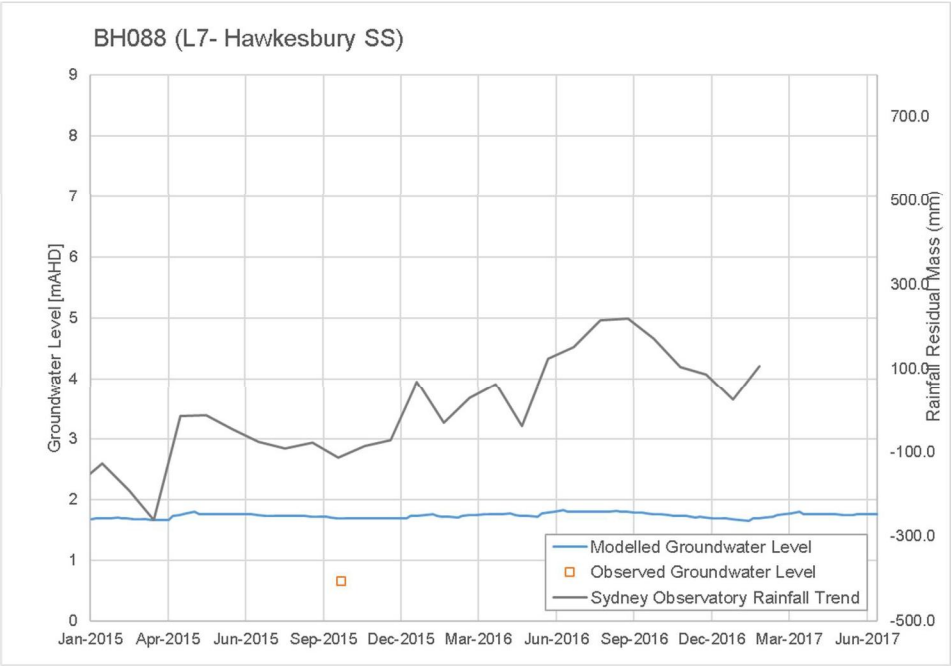
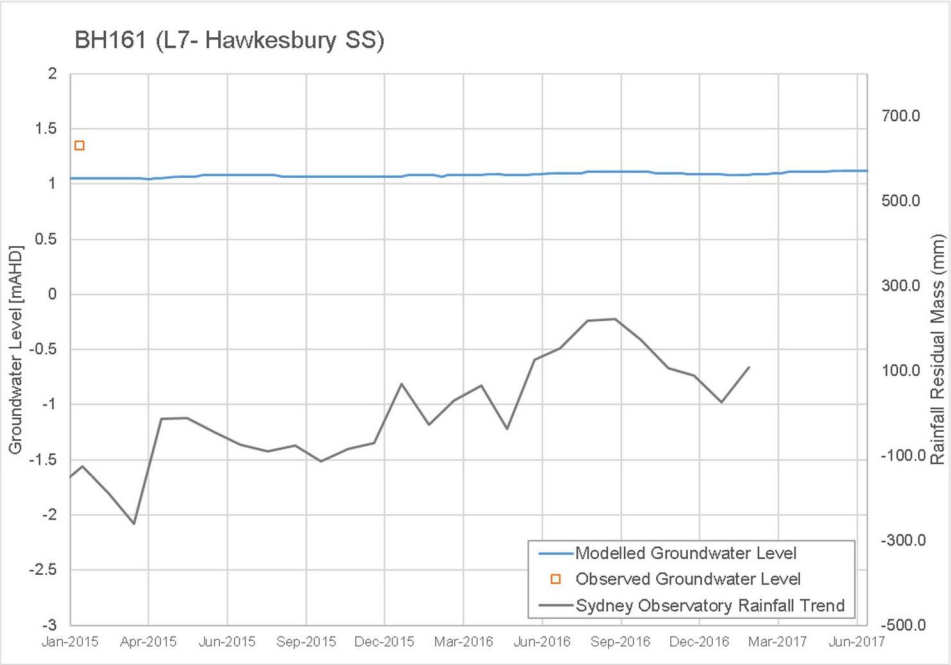


Figure A 18 - Calibration Hydrographs (Layer 6)







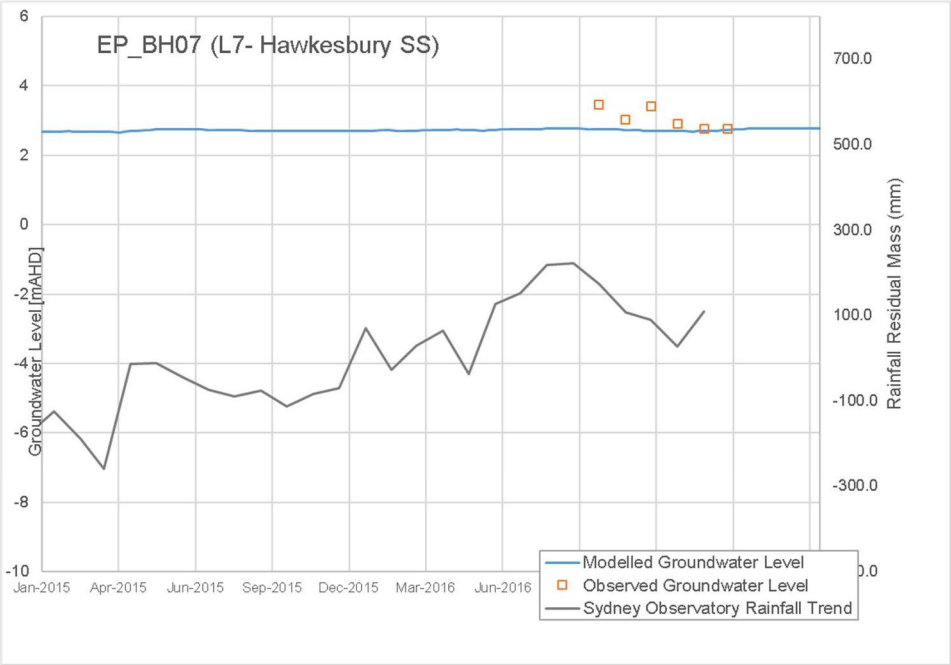
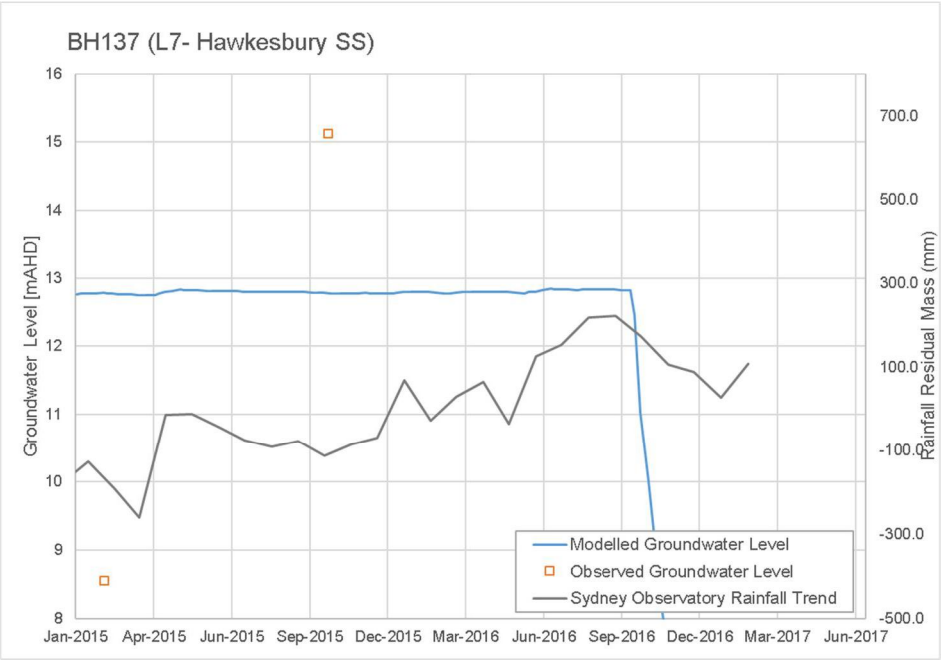
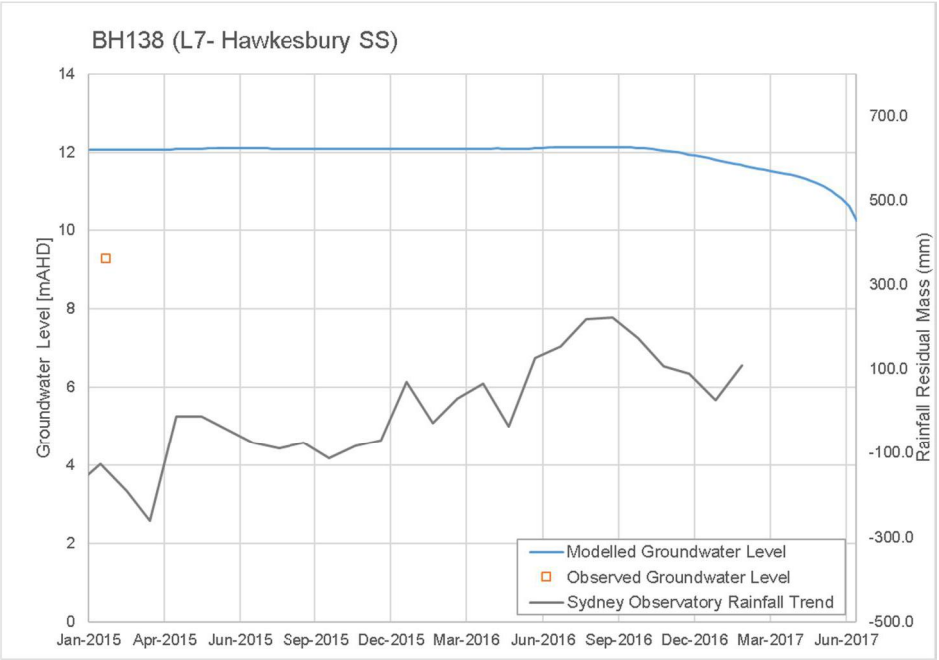
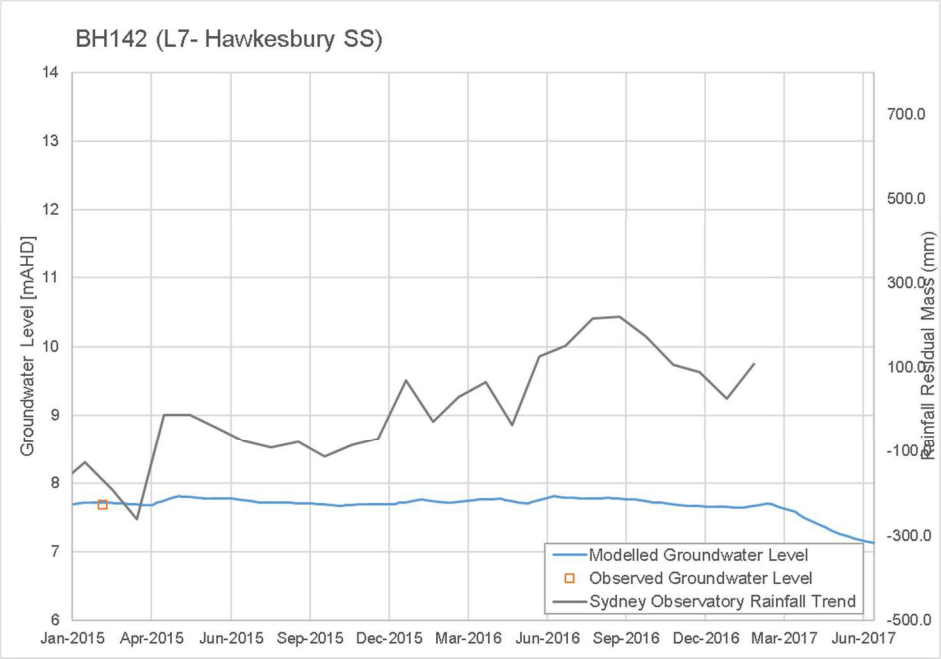


Figure A 19 - Calibration Hydrographs (Layer 6 & Layer 7)







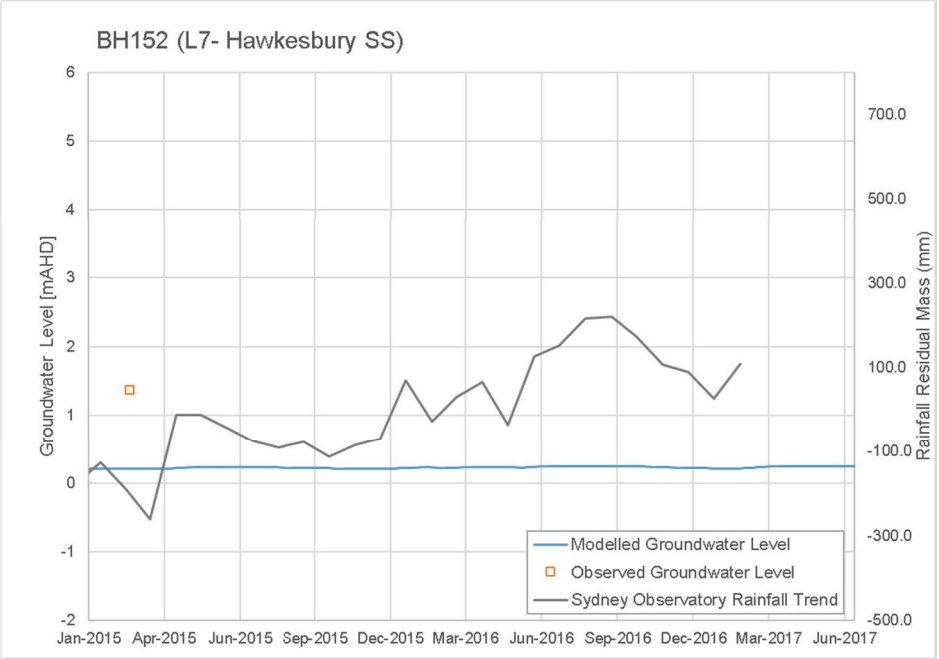


Figure A 20 - Calibration Hydrographs (Layer 7)

ANNEXURE B – DRAWDOWN AT REGISTERED BORES

Bore	Model Layer	Model Node	Use	Depth	Easting	Northing	Drawdown 2023	Drawdown 2100
GW013331	1	24088	Industrial	14.9	332765	6245200	0.00	0.00
GW013514	1	20831	Industrial	9.1	333946	6246040	0.00	0.00
GW013515	1	28988	Domestic	8.2	333075	6244732	0.00	0.00
GW015954	1	25061	Industrial	20.1	332868	6245171	0.00	0.00
GW017195	1	23021	Water Supply	3.3	334484	6243843	0.00	0.00
GW017344	1	32118	Industrial	13.8	333180	6243543	0.00	0.00
GW017345	1	19725	Industrial	13.7	334289	6246182	0.00	0.00
GW017354	1	21934	Industrial	16.4	334320	6245905	0.00	0.00
GW017684	4	231991	Industrial	14.9	333662	6246787	0.00	0.00
GW017718	1	28035	Industrial	21.3	334168	6242852	0.00	0.00
GW017720	1	28034	Industrial	20.4	333987	6242910	0.00	0.00
GW017722	1	29023	Industrial	18.1	334067	6242727	0.00	0.00
GW017782	1	20836	Industrial	15.5	333705	6245833	0.00	0.00
GW017834	1	21936	Industrial	14.9	334295	6245843	0.00	0.00
GW020094	1	26076	Industrial	45.7	334346	6242947	0.00	0.00
GW022240	1	26080	Industrial	25.2	334402	6242702	0.00	0.00
GW023162	1	27004	Water Supply	4.8	333934	6245020	0.00	0.00
GW023164	1	29021	Water Supply	3.6	333835	6242815	0.00	0.00
GW023168	1	21998	Water Supply	4.5	333504	6245479	0.00	0.00
GW023194	4	290126	Water Supply	4.8	329156	6242811	0.79	1.85
GW023408	1	27003	Water Supply	7	334208	6244979	0.00	0.00
GW023443	1	24138	Water Supply	7.6	334575	6243044	0.00	0.00
GW023472	1	27990	Water Supply	3.6	333964	6244204	0.00	0.00
GW023500	1	27005	Water Supply	5.4	333795	6245095	0.00	0.00
GW023525	1	34292	Water Supply	5.9	333046	6243849	0.00	0.00
GW023561	1	27004	Water Supply	5.4	334002	6244975	0.00	0.00
GW023600	1	26015	Water Supply	7.3	334225	6243962	0.00	0.00
GW023605	1	28981	Water Supply	4.5	333711	6243984	0.00	0.00
GW023967	1	27003	Water Supply	2.7	334155	6245070	0.00	0.00
GW023968	1	27004	Water Supply	4.5	334002	6245006	0.00	0.00
GW024023	1	25019	Water Supply	8.2	334227	6245318	0.00	0.00
GW024036	1	39429	Water Supply	6	332099	6243647	0.00	0.00
GW024068	1	31046	Domestic	4.2	332846	6244382	0.00	0.00
GW024109	1	56438	Water Supply	2.1	329430	6243538	1.34	2.15
GW024222	1	25100	Industrial	23.7	334369	6243071	0.00	0.00
GW024244	1	28000	Water Supply	3	333569	6244783	0.00	0.00
GW024374	1	26041	Water Supply	5.1	333100	6245175	0.00	0.00
GW024377	1	23020	Water Supply	4.5	334534	6243937	0.00	0.00
GW024616	1	27006	Domestic	5.6	334153	6244690	0.00	0.00
GW024655	1	36464	Water Supply	9.1	332454	6243843	0.00	0.00
GW024694	1	21948	Water Supply	3	334573	6243890	0.00	0.00
GW025543	1	26065	Industrial	18.5	333623	6243181	0.00	0.00
GW025553	1	28031	Industrial	17	333599	6243088	0.00	0.00

Bore	Model Layer	Model Node	Use	Depth	Easting	Northing	Drawdown 2023	Drawdown 2100
GW025574	1	28035	Water Supply	4.8	334156	6242880	0.00	0.00
GW025729	1	24120	Industrial	21.3	333596	6243242	0.00	0.00
GW025818	1	24133	Recreation	23.7	334368	6243164	0.00	0.00
GW025994	1	35377	Water Supply	13.2	333039	6243705	0.00	0.00
GW026070	1	28979	Domestic	3.6	333926	6244233	0.00	0.00
GW026142	1	20830	Water Supply	12.4	334379	6246075	0.00	0.00
GW026482	1	25019	Water Supply	5.4	334256	6245407	0.00	0.00
GW026787	1	26074	Industrial	24.8	334044	6243100	0.00	0.00
GW026788	1	26072	Industrial	20.4	333944	6243167	0.00	0.00
GW027248	1	15710	Industrial	4.8	332260	6244792	0.00	0.00
GW027749	1	28991	Recreation	16.4	332802	6244553	0.00	0.00
GW027750	1	27997	Recreation	17.3	332774	6244676	0.00	0.00
GW028844	1	21936	Industrial	13.7	334218	6245873	0.00	0.00
GW031808	1	36463	Exploration	18.2	332469	6243842	0.00	0.00
GW033371	1	38498	Industrial	11.8	332654	6243840	0.00	0.00
GW033372	1	38498	Industrial	11.8	332663	6243840	0.00	0.00
GW040219	1	6758	Industrial	6.3	332128	6245128	0.00	0.00
GW040222	1	32088	Industrial	7	333252	6243604	0.00	0.00
GW042179	1	25050	Unknown	24	333786	6245289	0.00	0.00
GW046837	1	28029	Recreation	14.8	333806	6243000	0.00	0.00
GW047122	1	27058	Recreation	19.5	333959	6243033	0.00	0.00
GW047123	1	30019	Recreation	18.9	333143	6244560	0.00	0.00
GW047525	1	27999	Recreation	17.1	333343	6244859	0.00	0.00
GW051725	1	19724	Monitoring	8	334057	6246240	0.00	0.00
GW051726	1	19724	Monitoring	8	334083	6246209	0.00	0.00
GW051727	1	19724	Monitoring	8	334084	6246178	0.00	0.00
GW051728	1	18648	Monitoring	8.3	334185	6246273	0.00	0.00
GW051729	1	19725	Monitoring	8.5	334264	6246181	0.00	0.00
GW051730	1	19725	Monitoring	0	334213	6246150	0.00	0.00
GW051731	1	21936	Monitoring	8	334210	6245956	0.00	0.00
GW060218	1	26079	Recreation	18.3	334374	6242825	0.00	0.00
GW065460	1	11492	Industrial	12	334428	6247078	0.00	0.00
GW065532	1	20836	Industrial	18	333730	6245833	0.00	0.00
GW071907	8	531826	Recreation	180	334034	6247997	0.00	0.00
GW072018	4	258403	Monitoring	18	327883	6251400	0.00	0.02
GW072161	8	581998	Recreation	90.5	329636	6243437	6.14	6.51
GW072214	1	26014	Domestic	5	334258	6244118	0.00	0.00
GW072293	1	28978	Domestic	6.6	333769	6244339	0.00	0.00
GW072328	1	20836	Unknown	0	333730	6245833	0.00	0.00
GW072413	1	28978	Domestic	6	333696	6244333	0.00	0.00
GW072455	1	27010	Domestic	5.8	333968	6243885	0.00	0.00
GW072479	1	26007	Domestic	5.8	334574	6244930	0.00	0.00
GW072622	1	18647	Recreation	0	334406	6246273	0.00	0.00

Bore	Model Layer	Model Node	Use	Depth	Easting	Northing	Drawdown 2023	Drawdown 2100
GW072632	1	27991	Domestic	5	333872	6243961	0.00	0.00
GW072633	1	27991	Domestic	5	333950	6243957	0.00	0.00
GW072634	1	27010	Domestic	6.1	333956	6243873	0.00	0.00
GW072643	1	11954	Unknown	0	331951	6245584	0.06	0.25
GW072897	1	24043	Domestic	5.8	334585	6244006	0.00	0.00
GW072901	1	31047	Domestic	7	332915	6244474	0.00	0.00
GW072958	1	24043	Domestic	5	334566	6244090	0.00	0.00
GW072993	5	326333	Unknown	48.77	333819	6245047	0.00	0.00
GW073477	1	28977	Domestic	5	333780	6244735	0.00	0.00
GW073515	1	26014	Domestic	7	334369	6244109	0.00	0.00
GW073521	1	31049	Domestic	3	332994	6244389	0.00	0.00
GW075022	4	253514	Monitoring	15.75	333767	6242958	0.00	0.00
GW075023	1	30014	Monitoring	18.5	333638	6244016	0.00	0.00
GW075024	4	252501	Monitoring	19.5	332822	6244671	0.00	0.00
GW100003	1	29023	Domestic	5.8	334089	6242726	0.00	0.00
GW100053	1	21445	Recreation	0	332163	6245867	0.34	0.91
GW100209	8	578962	Domestic	108	329946	6243253	0.35	0.50
GW100367	1	27003	Domestic	6	334229	6245090	0.00	0.00
GW100466	1	23012	Domestic	5	334035	6245642	0.00	0.00
GW100484	1	27027	Unknown	0	332935	6245035	0.00	0.00
GW100484	1	27027	Monitoring	4	332935	6245035	0.00	0.00
GW100484	1	27027	Unknown	0	332935	6245035	0.00	0.00
GW100487	1	28974	Unknown	5	333505	6243671	0.00	0.00
GW100493	1	25019	Domestic	9.75	334246	6245360	0.00	0.00
GW100575	1	27004	Domestic	5	334037	6245055	0.00	0.00
GW100674	1	21949	Domestic	5.49	334570	6243812	0.00	0.00
GW100754	8	565778	Industrial	148	332719	6243180	0.00	0.00
GW100803	1	27010	Unknown	6	333971	6243907	0.00	0.00
GW100813	1	25019	Domestic	10.98	334238	6245329	0.00	0.00
GW100852	1	26033	Domestic	6.1	333758	6245165	0.00	0.00
GW100904	1	24036	Domestic	9.76	334373	6245583	0.00	0.00
GW100945	1	27004	Domestic	7.1	334080	6245113	0.00	0.00
GW100966	1	27989	Domestic	5.5	333930	6244441	0.00	0.00
GW100975	1	24039	Domestic	6.1	333996	6245495	0.00	0.00
GW100993	1	27006	Domestic	5.49	334227	6244560	0.00	0.00
GW100997	1	26010	Domestic	8.235	334101	6245153	0.00	0.00
GW101034	1	27059	Domestic	5.185	334280	6242895	0.00	0.00
GW101037	1	25020	Domestic	4.88	334150	6245436	0.00	0.00
GW101136	1	25103	Domestic	7.32	334451	6242969	0.00	0.00
GW101161	1	27003	Domestic	6.1	334104	6245039	0.00	0.00
GW101215	1	25024	Domestic	7.62	334529	6244214	0.00	0.00
GW101221	1	26010	Domestic	6.1	334099	6245316	0.00	0.00
GW101226	1	26009	Domestic	5.3	334308	6245135	0.00	0.00

Bore	Model Layer	Model Node	Use	Depth	Easting	Northing	Drawdown 2023	Drawdown 2100
GW101231	1	27003	Domestic	7	334104	6245008	0.00	0.00
GW101350	1	23093	Monitoring	5.9	332201	6244281	0.00	0.00
GW101351	1	23093	Monitoring	5.05	332200	6244281	0.00	0.00
GW101352	1	23093	Monitoring	5.7	332200	6244281	0.00	0.00
GW101353	1	23093	Monitoring	6	332201	6244281	0.00	0.00
GW101354	1	23093	Monitoring	6	332200	6244281	0.00	0.00
GW101355	1	23093	Monitoring	6	332200	6244281	0.00	0.00
GW101356	1	23093	Monitoring	5.6	332201	6244281	0.00	0.00
GW101357	1	23093	Monitoring	5.9	332200	6244281	0.00	0.00
GW101358	1	23093	Monitoring	6	332200	6244281	0.00	0.00
GW101359	1	23093	Monitoring	6	332200	6244281	0.00	0.00
GW101360	1	23093	Monitoring	6	332200	6244281	0.00	0.00
GW101361	1	23093	Monitoring	4.3	332200	6244281	0.00	0.00
GW101362	1	23093	Monitoring	5.9	332200	6244281	0.00	0.00
GW101446	1	27989	Domestic	6	334038	6244366	0.00	0.00
GW101457	1	28978	Domestic	6	333647	6244460	0.00	0.00
GW101475	1	27989	Domestic	6	333952	6244327	0.00	0.00
GW101477	1	27989	Domestic	6	333939	6244421	0.00	0.00
GW101523	1	30014	Domestic	6.1	333556	6244074	0.00	0.00
GW101533	1	23078	Industrial	20	333064	6245358	0.00	0.00
GW101787	1	27991	Domestic	5.795	333866	6243929	0.00	0.00
GW101813	1	26010	Domestic	8.54	334133	6245150	0.00	0.00
GW102160	1	24104	Monitoring	5	332302	6244172	0.00	0.00
GW102162	1	24104	Monitoring	5	332302	6244172	0.00	0.00
GW102164	1	24104	Monitoring	5	332302	6244172	0.00	0.00
GW102165	1	24104	Monitoring	5	332302	6244172	0.00	0.00
GW102168	1	24104	Monitoring	5	332302	6244172	0.00	0.00
GW102169	1	24104	Monitoring	4.5	332302	6244172	0.00	0.00
GW102171	1	24104	Monitoring	6	332303	6244172	0.00	0.00
GW102172	1	24104	Monitoring	4.5	332302	6244172	0.00	0.00
GW102173	1	24104	Monitoring	4.5	332302	6244172	0.00	0.00
GW102176	1	24104	Monitoring	4.5	332302	6244172	0.00	0.00
GW102178	1	24104	Monitoring	4.4	332303	6244173	0.00	0.00
GW102184	1	24104	Monitoring	4.2	332302	6244173	0.00	0.00
GW102185	1	24104	Monitoring	4.2	332302	6244172	0.00	0.00
GW102186	1	24104	Monitoring	4.2	332302	6244172	0.00	0.00
GW102187	1	24104	Monitoring	4.2	332302	6244172	0.00	0.00
GW102188	1	24104	Monitoring	4	332302	6244172	0.00	0.00
GW102189	1	24104	Monitoring	4	332303	6244172	0.00	0.00
GW102190	1	24104	Monitoring	4	332303	6244172	0.00	0.00
GW102191	1	24104	Monitoring	4	332302	6244172	0.00	0.00
GW102192	1	24104	Monitoring	4	332303	6244172	0.00	0.00
GW102193	1	24104	Monitoring	3.9	332302	6244173	0.00	0.00

Bore	Model Layer	Model Node	Use	Depth	Easting	Northing	Drawdown 2023	Drawdown 2100
GW102194	1	24104	Monitoring	3.7	332302	6244172	0.00	0.00
GW102195	1	24104	Monitoring	3.6	332302	6244172	0.00	0.00
GW102196	1	24104	Monitoring	3.6	332302	6244172	0.00	0.00
GW102197	1	24104	Monitoring	3.6	332303	6244172	0.00	0.00
GW102198	1	24104	Monitoring	3.5	332302	6244172	0.00	0.00
GW102199	1	24104	Monitoring	3.5	332302	6244172	0.00	0.00
GW102200	1	24104	Monitoring	3.5	332302	6244172	0.00	0.00
GW102201	1	24104	Monitoring	3.5	332302	6244172	0.00	0.00
GW102203	1	24104	Monitoring	3.5	332302	6244172	0.00	0.00
GW102204	1	24104	Monitoring	3.3	332303	6244172	0.00	0.00
GW102205	1	24104	Monitoring	3.3	332303	6244172	0.00	0.00
GW102215	3	193749	Drinking	15	324765	6251338	0.68	1.26
GW102356	1	16185	Monitoring	6	333120	6246963	0.01	0.02
GW102357	1	17219	Monitoring	6	333093	6246993	0.01	0.02
GW102358	1	16186	Monitoring	6	333145	6246994	0.01	0.02
GW102359	1	15161	Monitoring	6	333146	6246901	0.00	0.01
GW102360	1	14135	Monitoring	6	333147	6246871	0.00	0.01
GW102361	1	15161	Monitoring	6	333146	6246901	0.00	0.01
GW102362	1	14123	Monitoring	3	333171	6246963	0.00	0.01
GW102363	1	15165	Monitoring	3	333145	6246963	0.01	0.02
GW102364	1	15165	Monitoring	3	333145	6246963	0.01	0.02
GW102365	1	15164	Monitoring	6	333146	6246932	0.00	0.01
GW102366	1	30012	Domestic	7	333597	6244629	0.00	0.00
GW102402	8	589092	Unknown	90	326938	6246390	0.00	0.00
GW102580	5	362464	Monitoring	40	328186	6244163	0.00	0.02
GW102655	5	322687	Monitoring	25	330131	6251717	0.03	0.37
GW102671	4	231746	Monitoring	4.8	331651	6251559	0.00	0.08
GW102672	4	231746	Monitoring	9	331676	6251590	0.00	0.08
GW102741	1	23021	Domestic	7	334509	6243875	0.00	0.00
GW102800	1	26016	Domestic	6.1	334134	6243944	0.00	0.00
GW103193	1	26010	Domestic	6.7	334071	6245158	0.00	0.00
GW103331	1	62488	Monitoring	3.2	328470	6244126	0.00	0.02
GW103332	1	62488	Monitoring	3.2	328470	6244126	0.00	0.02
GW103333	1	62488	Monitoring	3.2	328470	6244126	0.00	0.02
GW103504	1	20935	Monitoring	6.1	333091	6245467	0.00	0.00
GW103505	1	20935	Monitoring	6	333091	6245458	0.00	0.00
GW103506	1	20935	Monitoring	6	333091	6245458	0.00	0.00
GW103507	1	20935	Monitoring	6	333092	6245458	0.00	0.00
GW103508	1	20935	Monitoring	6	333091	6245457	0.00	0.00
GW103588	1	28001	Domestic	7	332905	6244836	0.00	0.00
GW103705	1	32117	Monitoring	4.7	333097	6244213	0.00	0.00
GW103706	1	32117	Monitoring	4.3	333097	6244213	0.00	0.00
GW103707	1	32117	Monitoring	4.2	333097	6244213	0.00	0.00

Bore	Model Layer	Model Node	Use	Depth	Easting	Northing	Drawdown 2023	Drawdown 2100
GW104039	1	26008	Monitoring	7	334518	6244812	0.00	0.00
GW104040	1	26008	Monitoring	7	334515	6244808	0.00	0.00
GW104297	1	30016	Domestic	0	332708	6244483	0.00	0.00
GW104333	1	35394	Monitoring	3.5	332763	6243980	0.00	0.00
GW104334	1	35394	Monitoring	3.5	332782	6243996	0.00	0.00
GW104335	1	36469	Monitoring	3.5	332753	6243978	0.00	0.00
GW104336	1	35394	Monitoring	3.5	332790	6243972	0.00	0.00
GW104337	1	36469	Monitoring	3.5	332766	6243953	0.00	0.00
GW104338	1	36469	Monitoring	3.5	332802	6243948	0.00	0.00
GW104448	1	9667	Monitoring	3.5	331715	6244936	0.01	0.04
GW104449	1	8679	Monitoring	3.5	331677	6244959	0.02	0.05
GW104450	1	9670	Monitoring	3.5	331630	6244904	0.02	0.05
GW104747	1	23021	Domestic	5.49	334536	6243810	0.00	0.00
GW104866	1	27982	Domestic	6.71	333772	6243773	0.00	0.00
GW104872	1	24036	Domestic	10	334439	6245657	0.00	0.00
GW104902	1	34290	Domestic	7.1	332787	6244151	0.00	0.00
GW104922	1	27992	Domestic	7	333878	6243837	0.00	0.00
GW104988	1	28988	Domestic	7	333077	6244789	0.00	0.00
GW104990	1	31044	Domestic	6	333377	6244086	0.00	0.00
GW105117	1	28980	Recreation	14	333738	6244041	0.00	0.00
GW105141	1	24036	Domestic	10	334465	6245477	0.00	0.00
GW105150	1	28977	Domestic	5	333691	6244772	0.00	0.00
GW105152	1	27989	Domestic	5	334033	6244332	0.00	0.00
GW105215	5	367668	Domestic	15	325448	6246456	0.00	0.00
GW105317	2	120043	Monitoring	6.5	331965	6247846	1.28	9.66
GW105527	1	9536	Monitoring	5	333069	6246148	0.00	0.00
GW105528	1	15548	Monitoring	5	333273	6246037	0.00	0.00
GW105529	1	10498	Monitoring	5	333097	6246168	0.00	0.00
GW105580	1	61514	Monitoring	3.5	328812	6244162	0.01	0.06
GW105581	1	61515	Monitoring	3.5	328792	6244173	0.01	0.05
GW105582	1	61776	Monitoring	3.5	328763	6244179	0.01	0.05
GW105583	1	61776	Monitoring	4	328750	6244154	0.01	0.05
GW105938	1	35844	Unknown	0	332733	6247637	0.00	0.00
GW106046	1	14518	Unknown	0	333636	6246554	0.00	0.00
GW106145	1	26009	Domestic	5.79	334358	6245089	0.00	0.00
GW106159	2	110851	Domestic	3	326801	6252194	0.00	0.00
GW106192	1	21537	Domestic	6	333418	6247611	0.00	0.02
GW106987	1	30009	Domestic	7	333649	6243891	0.00	0.00
GW107233	1	25097	Recreation	21.5	334110	6243199	0.00	0.00
GW107395	1	28980	Monitoring	3.6	333672	6244150	0.00	0.00
GW107396	1	28979	Monitoring	3.5	333740	6244260	0.00	0.00
GW107397	1	28980	Monitoring	3.6	333746	6244110	0.00	0.00
GW107406	4	286023	Monitoring	5	329048	6245678	0.00	0.01

Bore	Model Layer	Model Node	Use	Depth	Easting	Northing	Drawdown 2023	Drawdown 2100
GW107407	4	286023	Monitoring	7	329063	6245678	0.00	0.01
GW107753	1	61779	Monitoring	5	328820	6244219	0.01	0.05
GW107754	1	61777	Monitoring	4.8	328806	6244202	0.01	0.05
GW107755	1	62025	Monitoring	4.8	328797	6244223	0.01	0.05
GW107756	1	62029	Monitoring	5	328784	6244215	0.01	0.05
GW107976	1	28003	Drinking	3.5	333211	6244864	0.00	0.00
GW107993	4	289325	Recreation	13.6	328242	6243424	1.71	10.13
GW108104	1	24089	Industrial	0	333038	6245307	0.00	0.00
GW108406	1	57055	Domestic	8	329510	6243455	1.70	2.55
GW108497	1	17727	Unknown	8	332753	6245547	0.00	0.00
GW108588	1	57655	Domestic	8	329440	6243429	2.07	3.14
GW108616	1	24036	Domestic	18	334451	6245617	0.00	0.00
GW109085	4	229987	Monitoring	5.68	333786	6251263	0.00	0.00
GW109086	4	229987	Monitoring	5.68	333781	6251262	0.00	0.00
GW109087	4	229252	Monitoring	8.5	333783	6251252	0.00	0.00
GW109191	8	597721	Recreation	186	325255	6243188	6.66	6.89
GW109209	4	241938	Domestic	4.5	331813	6252542	0.00	0.02
GW109230	1	45225	Monitoring	1.8	331802	6249055	0.02	0.62
GW109231	3	194889	Monitoring	3.2	331787	6249063	0.16	2.30
GW109253	1	31086	Monitoring	10.3	333499	6242782	0.00	0.00
GW109254	1	32157	Monitoring	9.7	333476	6242768	0.00	0.00
GW109255	1	32156	Monitoring	7.3	333441	6242772	0.00	0.00
GW109500	4	250175	Monitoring	4.8	333698	6248974	0.00	0.00
GW109501	4	254078	Monitoring	6	333441	6249156	0.00	0.02
GW109502	4	255102	Monitoring	6.4	333442	6249090	0.00	0.02
GW109503	1	30605	Monitoring	5.2	333460	6249045	0.00	0.02
GW109504	1	16548	Monitoring	7.48	334296	6246560	0.00	0.00
GW109533	1	29021	Monitoring	6	333919	6242864	0.00	0.00
GW109534	1	29021	Monitoring	6	333893	6242863	0.00	0.00
GW109535	1	29021	Monitoring	6	333891	6242870	0.00	0.00
GW109536	1	29021	Monitoring	6	333891	6242876	0.00	0.00
GW109537	1	29021	Monitoring	6	333887	6242882	0.00	0.00
GW109538	1	29021	Monitoring	6	333885	6242889	0.00	0.00
GW109539	1	29021	Monitoring	6	333928	6242873	0.00	0.00
GW109540	1	29021	Monitoring	6	333890	6242896	0.00	0.00
GW109541	1	29021	Monitoring	6	333890	6242904	0.00	0.00
GW109542	1	29021	Monitoring	6	333895	6242922	0.00	0.00
GW109543	1	17590	Monitoring	11.3	334237	6246484	0.00	0.00
GW109544	1	16547	Monitoring	14	334417	6246524	0.00	0.00
GW109545	1	16548	Monitoring	13.9	334306	6246557	0.00	0.00
GW109546	1	17588	Monitoring	8.14	334355	6246419	0.00	0.00
GW109547	1	17588	Monitoring	13.6	334362	6246437	0.00	0.00
GW109646	4	255088	Monitoring	8.2	333312	6249293	0.00	0.03

Bore	Model Layer	Model Node	Use	Depth	Easting	Northing	Drawdown 2023	Drawdown 2100
GW109648	4	253090	Monitoring	6.2	333342	6249333	0.00	0.02
GW109649	4	254072	Monitoring	7.2	333320	6249352	0.00	0.02
GW109712	4	235789	Monitoring	5.8	332788	6251938	0.00	0.00
GW109713	4	235789	Monitoring	6	332750	6251951	0.00	0.00
GW109714	4	236822	Monitoring	5.9	332745	6252032	0.00	0.00
GW109715	4	236824	Monitoring	5.9	332556	6252060	0.00	0.00
GW109716	4	235811	Monitoring	6	332729	6251981	0.00	0.00
GW109729	2	118597	Monitoring	6	332074	6247641	0.22	3.61
GW109730	2	118597	Monitoring	6.5	332089	6247634	0.22	3.61
GW109731	2	118597	Monitoring	6	332066	6247634	0.22	3.61
GW109732	2	118593	Monitoring	4.3	332071	6247629	0.22	3.61
GW109733	1	43765	Monitoring	2.4	332082	6247631	0.04	3.34
GW109744	1	8516	Monitoring	4	334420	6247577	0.00	0.00
GW109745	1	8516	Monitoring	3.5	334439	6247544	0.00	0.00
GW109746	1	7542	Monitoring	4.2	334445	6247573	0.00	0.00
GW109747	1	7542	Monitoring	3.8	334469	6247580	0.00	0.00
GW109748	1	7542	Monitoring	3.8	334497	6247592	0.00	0.00
GW109749	1	7542	Monitoring	4.5	334468	6247562	0.00	0.00
GW109750	1	8516	Monitoring	3.5	334461	6247540	0.00	0.00
GW109751	1	7542	Monitoring	3.5	334438	6247592	0.00	0.00
GW109752	1	7542	Monitoring	3.4	334499	6247569	0.00	0.00
GW109789	1	13481	Monitoring	5	333709	6246662	0.00	0.00
GW109790	1	14523	Monitoring	4	333740	6246626	0.00	0.00
GW109791	1	14523	Monitoring	4.1	333721	6246619	0.00	0.00
GW109792	1	14519	Monitoring	4.2	333687	6246622	0.00	0.00
GW109821	4	251948	Monitoring	35	331819	6245899	5.06	6.82
GW109825	3	185449	Monitoring	22	331689	6245853	5.85	8.29
GW109963	4	283173	Domestic	8	329446	6243406	2.32	3.40
GW109964	4	282695	Domestic	8	329426	6243419	2.28	3.40
GW109965	1	57053	Domestic	8	329489	6243467	1.73	2.62
GW109966	1	57652	Domestic	3	329373	6243465	2.35	3.75
GW110010	4	286285	Monitoring	8.5	329035	6245672	0.00	0.01
GW110011	4	286023	Monitoring	8.7	329061	6245687	0.00	0.01
GW110012	4	286023	Monitoring	8	329035	6245705	0.00	0.01
GW110013	4	286023	Monitoring	5	329049	6245718	0.00	0.01
GW110014	4	286023	Monitoring	7	329069	6245707	0.00	0.01
GW110118	4	284154	Monitoring	6	329422	6245830	0.00	0.01
GW110119	1	59529	Monitoring	3.5	329372	6245821	0.00	0.01
GW110120	4	284562	Monitoring	6	329413	6245861	0.00	0.01
GW110121	1	59659	Monitoring	3.5	329454	6245840	0.00	0.01
GW110122	4	283707	Monitoring	3.5	329500	6245833	0.00	0.01
GW110174	5	339230	Monitoring	30.1	328299	6250692	0.02	0.08
GW110175	3	189565	Monitoring	3.75	328303	6250694	0.01	0.04

Bore	Model Layer	Model Node	Use	Depth	Easting	Northing	Drawdown 2023	Drawdown 2100
GW110176	5	338353	Monitoring	37.01	327939	6250491	0.16	0.37
GW110177	1	39025	Monitoring	3.75	327939	6250492	0.09	0.21
GW110182	4	263528	Monitoring	7.2	328036	6250571	0.08	0.23
GW110247	8	569039	Domestic	210	332357	6248363	0.21	2.40
GW110351	5	331931	Recreation	60	332651	6247224	0.11	0.25
GW110352	5	324349	Recreation	40	334026	6245327	0.00	0.00
GW110370	1	31666	Monitoring	4	332598	6250123	0.00	0.00
GW110371	1	31666	Monitoring	4	332598	6250115	0.00	0.00
GW110372	1	31666	Monitoring	4	332606	6250121	0.00	0.00
GW110373	1	31666	Monitoring	4	332590	6250126	0.00	0.00
GW110374	1	31666	Monitoring	4	332603	6250122	0.00	0.00
GW110427	1	26008	Monitoring	7	334587	6244801	0.00	0.00
GW110428	1	25016	Monitoring	4	334591	6244823	0.00	0.00
GW110456	1	5186	Monitoring	3.2	332781	6246011	0.00	0.00
GW110457	1	4322	Monitoring	3.6	332822	6245945	0.00	0.00
GW110496	4	271616	Monitoring	4	330809	6249527	0.76	5.14
GW110497	4	271616	Monitoring	4	330787	6249544	0.75	4.72
GW110498	4	271616	Monitoring	4	330795	6249554	0.43	3.85
GW110899	5	360319	Domestic	48	324658	6248717	0.00	0.01
GW111014	1	6605	Monitoring	6.5	334576	6247666	0.00	0.00
GW111016	1	7542	Monitoring	4.4	334468	6247664	0.00	0.00
GW111080	1	7542	Monitoring	5	334555	6247560	0.00	0.00
GW111081	1	7542	Monitoring	4	334545	6247561	0.00	0.00
GW111082	1	7542	Monitoring	4	334532	6247563	0.00	0.00
GW111087	4	284986	Monitoring	8.7	329693	6248632	0.01	2.48
GW111088	4	284986	Monitoring	9	329706	6248636	0.01	2.48
GW111089	4	284986	Monitoring	9	329715	6248641	0.01	2.48
GW111164	1	28343	Domestic	8	332686	6246860	0.04	0.09
GW111320	1	15101	Monitoring	5.2	332305	6245845	0.16	0.52
GW111321	1	11983	Monitoring	5	332322	6245742	0.08	0.29
GW111329	4	243978	Monitoring	6	332704	6250560	0.00	0.00
GW111330	1	19498	Monitoring	4	332729	6250538	0.00	0.00
GW111331	1	19499	Monitoring	6	332742	6250509	0.00	0.00
GW111344	1	59889	Monitoring	4	329132	6244166	0.04	0.17
GW111345	1	59478	Monitoring	4	329154	6244179	0.04	0.18
GW111346	1	59476	Monitoring	4	329177	6244147	0.05	0.21
GW111351	3	204327	Monitoring	9	331436	6247601	9.37	28.01
GW111352	2	128744	Monitoring	8	331445	6247600	9.03	28.99
GW111353	2	129495	Monitoring	7	331440	6247590	8.57	28.00
GW111405	1	7542	Monitoring	4.8	334518	6247580	0.00	0.00
GW111406	1	7542	Monitoring	4.8	334513	6247557	0.00	0.00
GW111407	1	7542	Monitoring	4.8	334508	6247572	0.00	0.00
GW111408	3	193457	Monitoring	4.4	332066	6249142	0.02	1.01

Bore	Model Layer	Model Node	Use	Depth	Easting	Northing	Drawdown 2023	Drawdown 2100
GW111456	1	33251	Monitoring	5.2	333201	6242889	0.00	0.00
GW111457	1	33252	Monitoring	6.2	333244	6242859	0.00	0.00
GW111487	1	17565	Monitoring	2.4	334579	6246369	0.00	0.00
GW111570	1	14384	Monitoring	6	333701	6252417	0.00	0.00
GW111571	1	14384	Monitoring	6	333707	6252420	0.00	0.00
GW111653	1	45682	Monitoring	2.4	329146	6250135	8.93	16.22
GW111654	2	119813	Monitoring	3	329345	6250163	4.69	13.73
GW111663	4	270182	Monitoring	4	329182	6250138	7.30	15.50
GW111686	4	285907	Monitoring	3.5	329728	6246909	0.00	0.07
GW111687	4	285907	Monitoring	4.25	329742	6246916	0.00	0.07
GW305694	4	296098	Domestic	5	326438	6244811	0.00	0.01

ANNEXURE C – ZOOMED IN M4-M5 LINK DRAWDOWN MAPS

WATER TABLE DRAWDOWN AT PROJECT OPENING

Drawdown (m)

- 2 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 16
- 17 - 18
- 19 - 20
- 21 - 22
- 23 - 24
- 25 - 26
- 27 - 28
- 29 - 30
- 31 - 32
- 33 - 34
- 35 - 36
- 37 - 38
- 39 - 40
- 41 - 42
- 43 - 44
- 45 - 46
- 47 - 48
- 49 - 50
- 51 - 52
- 53 - 54
- 55 - 56
- Ventilation_Tunnels

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

Scale: 10,000 @A4
GDA 1994 MGA Zone 56

0 0.075 0.15 0.3 0.45 km

WestConnex M4-M5 Link

M4-M5 Link Drawdown at Project Opening (2023)

Water Table - Rozelle
[Model Run TR020]

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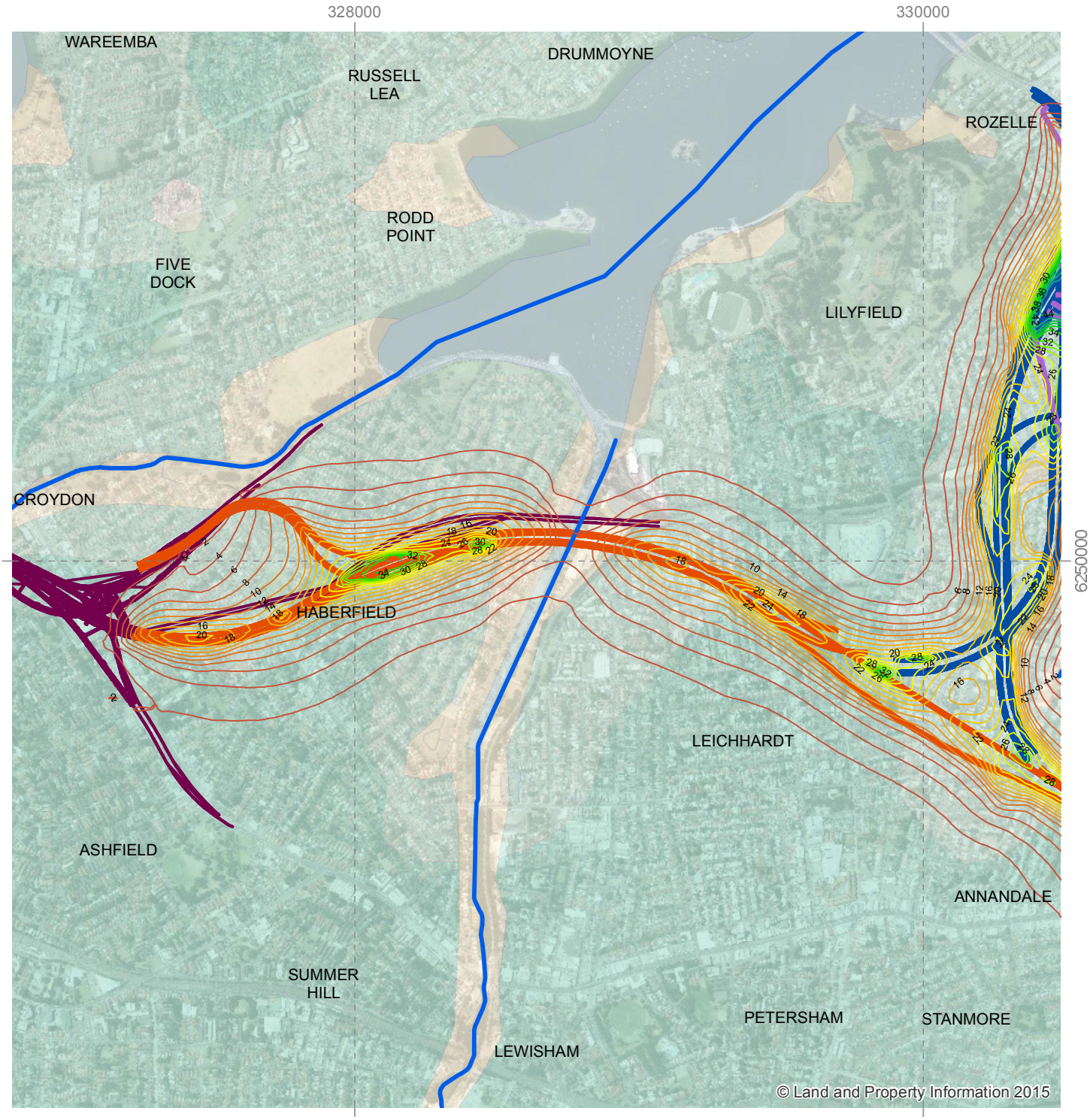

Drawdown (m)

- 2 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
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- 15 - 16
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- 41 - 42
- 43 - 44
- 45 - 46
- 47 - 48
- 49 - 50
- 51 - 52
- 53 - 54
- 55 - 56
- Ventilation_Tunnels

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

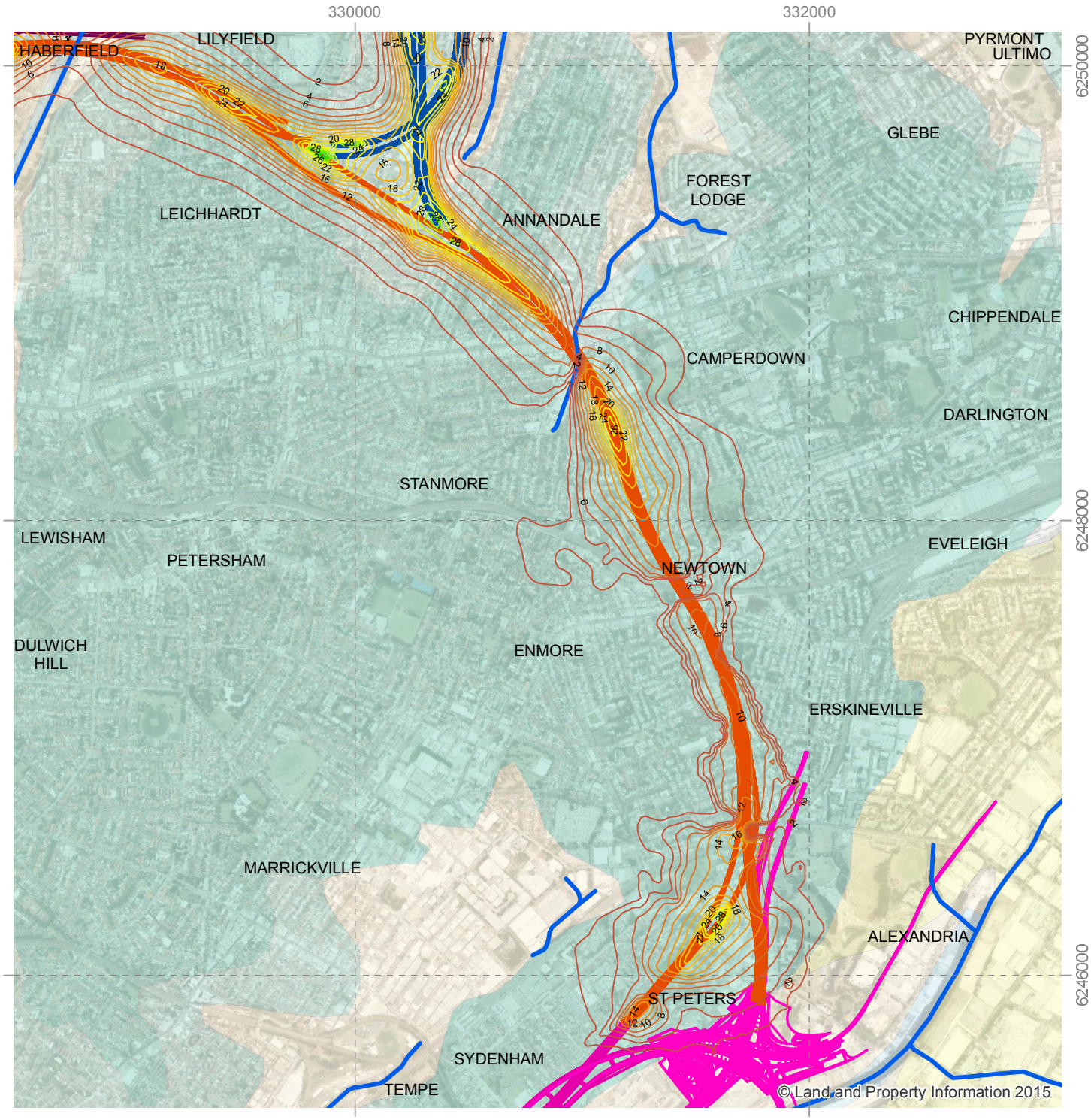
Scale: 20,000 @A4
GDA 1994 MGA Zone 56

0 0.15 0.3 0.6 0.9 km

WestConnex M4-M5 Link

M4-M5 Link Drawdown at Proiect Opening (2023)
Water Table - Mainline NW
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening_MainlineNW.mxd



Drawdown (m)

- 2 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 16
- 17 - 18
- 19 - 20
- 21 - 22
- 23 - 24
- 25 - 26
- 27 - 28
- 29 - 30
- 31 - 32
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- 35 - 36
- 37 - 38
- 39 - 40
- 41 - 42
- 43 - 44
- 45 - 46
- 47 - 48
- 49 - 50
- 51 - 52
- 53 - 54
- 55 - 56
- Ventilation_Tunnels

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

Scale: 25,000 @A4
GDA 1994 MGA Zone 56

0 0.2 0.4 0.8 1.2 km

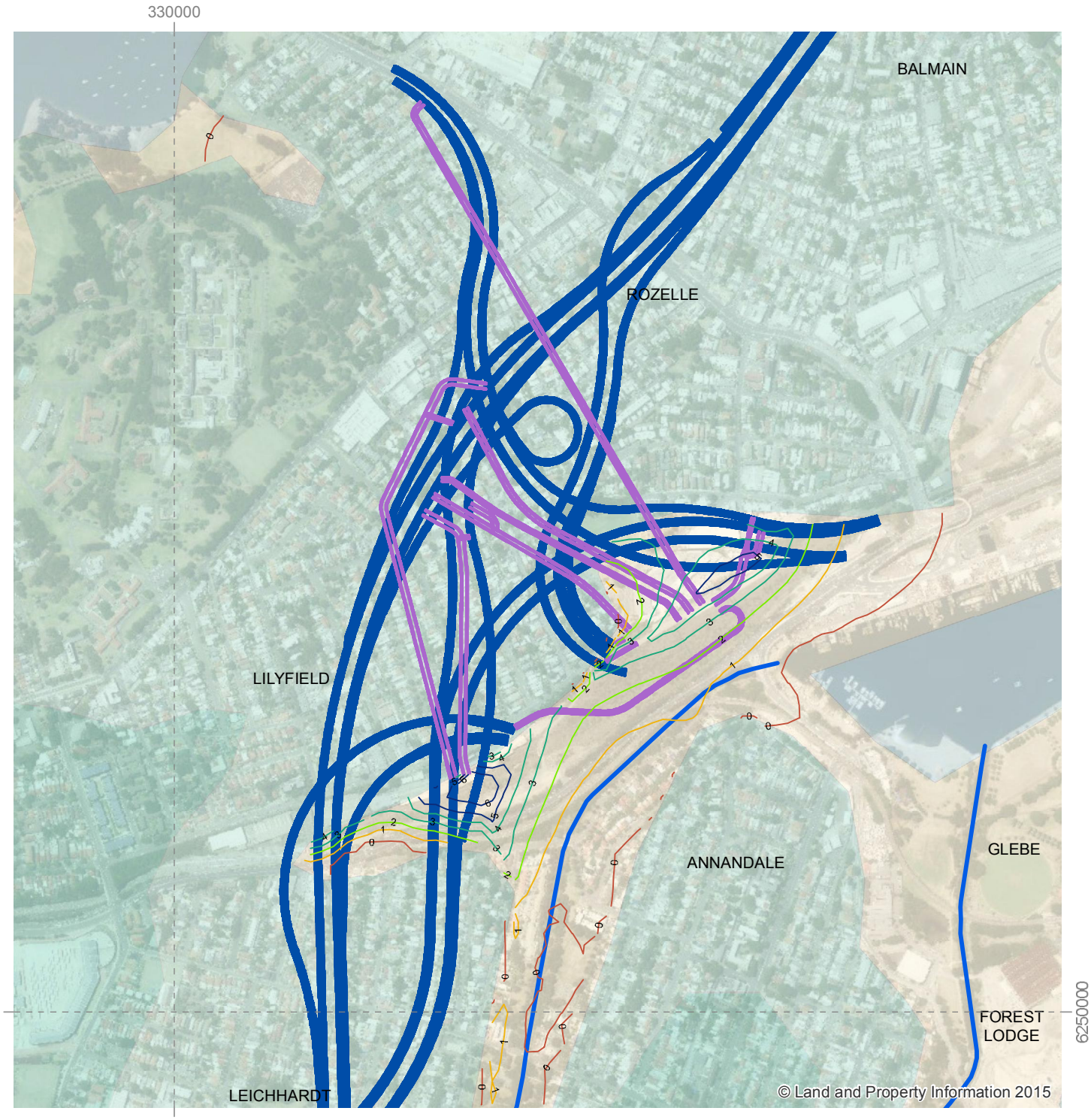
WestConnex M4-M5 Link

M4-M5 Link Drawdown at Project Opening (2023)

Water Table - Mainline SE
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening_MainlineSE.mxd

UNCONSOLIDATED SEDIMENT DRAWDOWN AT PROJECT OPENING



Drawdown (m)

- 0
- 1
- 2
- 3 - 4
- 5 - 6
- Ventilation_Tunnels

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

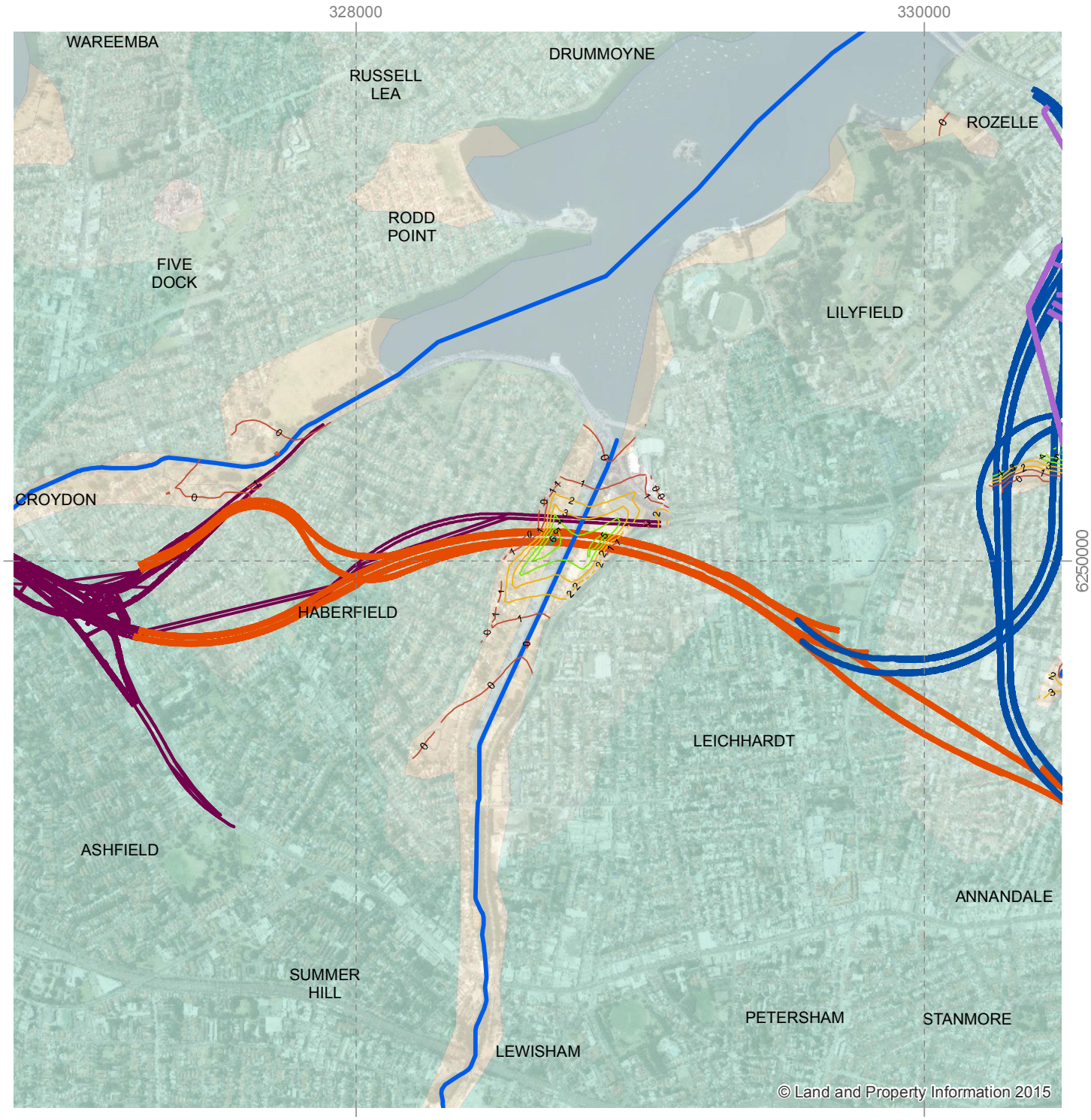
- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

Scale: 10,000 @A4
GDA 1994 MGA Zone 56

0 0.075 0.15 0.3 0.45 km

WestConnex M4-M5 Link
M4-M5 Link Drawdown
at Project Opening (2023)
Alluvium and Botany Sands - L1 - Rozelle
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening_Rozelle.mxd



Drawdown (m)

- 0 - 1
- 2 - 3
- 4 - 5
- 6 - 7
- 8 - 10
- Ventilation_Tunnels

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

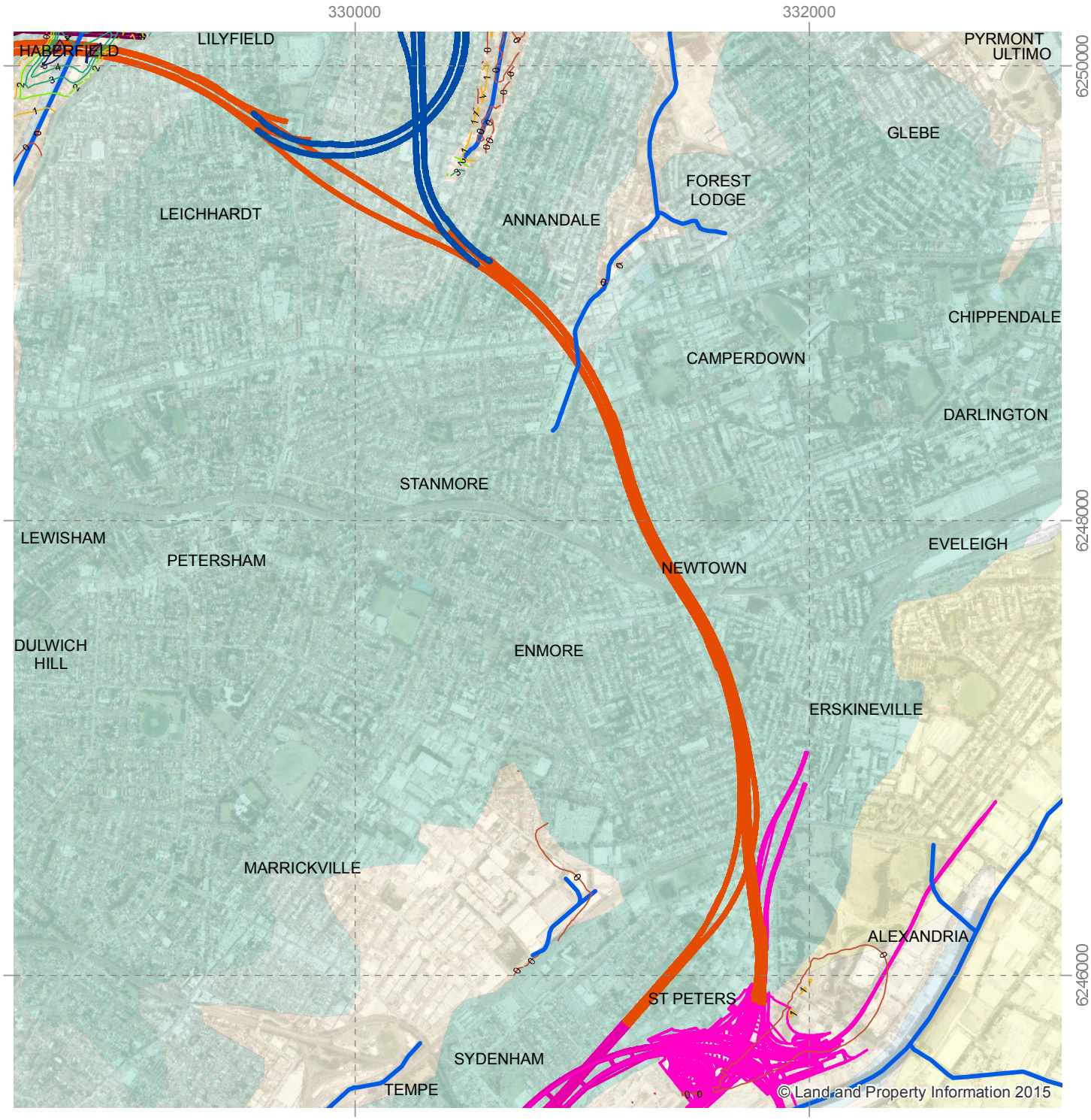
- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

Scale: 20,000 @A4
GDA 1994 MGA Zone 56

0 0.15 0.3 0.6 0.9 km

WestConnex M4-M5 Link
M4-M5 Link Drawdown
at Project Opening (2023)
Alluvium and Botany Sands - L1 - Mainline NW
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening_MainlineNW.mxd



Drawdown (m)

- 0
- 1
- 2
- 3 - 4
- 5 - 6
- Ventilation_Tunnels

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

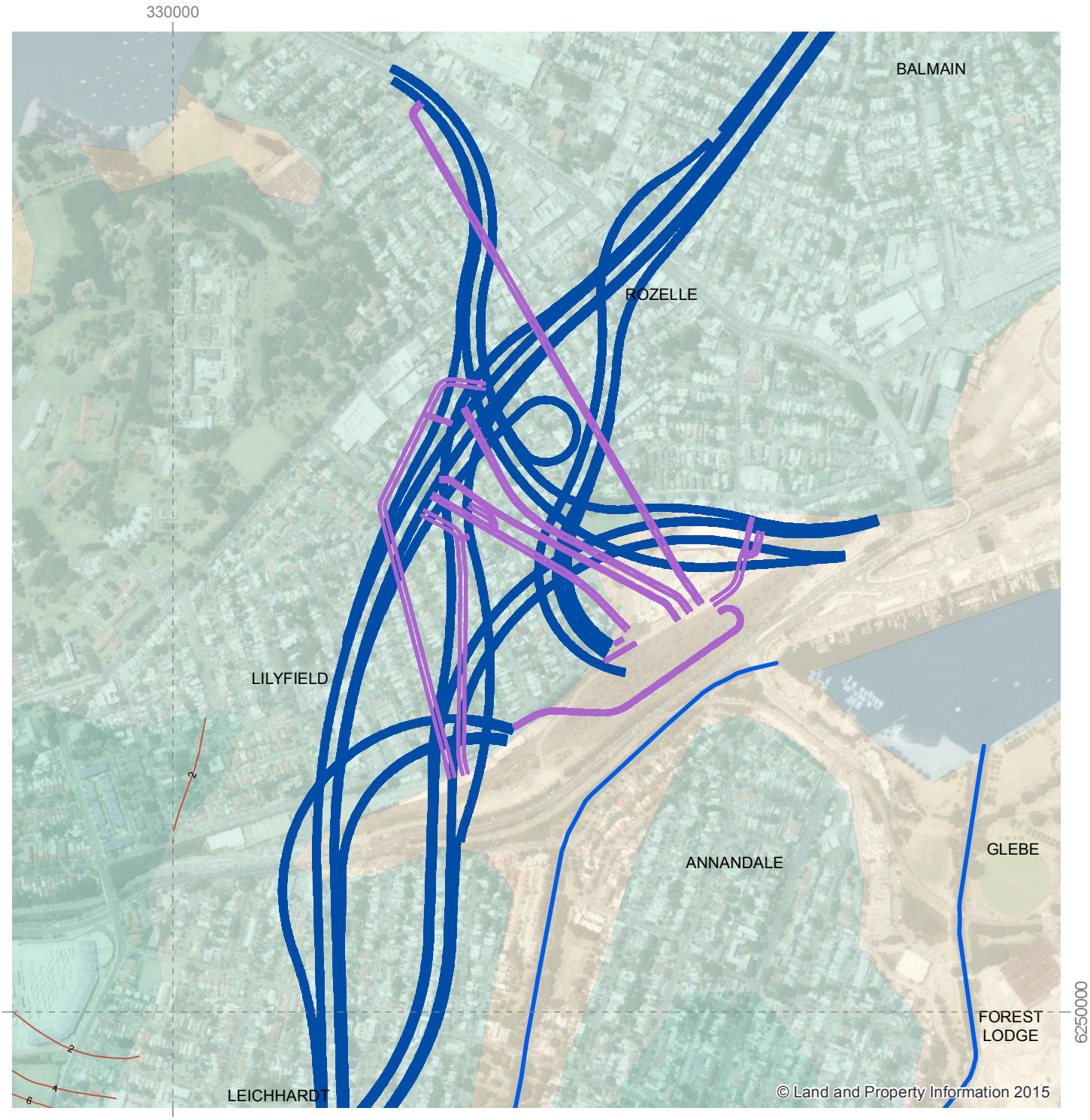
Scale: 25,000 @A4
GDA 1994 MGA Zone 56

0 0.2 0.4 0.8 1.2 km

WestConnex M4-M5 Link
M4-M5 Link Drawdown
at Project Opening (2023)
Alluvium and Botany Sands - L1 - Mainline SE
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening_MainlineSE.mxd

ASHFIELD SHALE DRAWDOWN AT PROJECT OPENING



Drawdown (m)

- 2 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 16
- 17 - 18
- 19 - 20
- 21 - 22
- 23 - 24
- 25 - 26
- 27 - 28
- 29 - 30
- 31 - 32
- 33 - 34
- 35 - 36
- 37 - 38
- 39 - 40
- 41 - 42
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- 45 - 46
- 47 - 48
- 49 - 50
- 51 - 52
- 53 - 54
- 55 - 56
- Ventilation_Tunnels

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

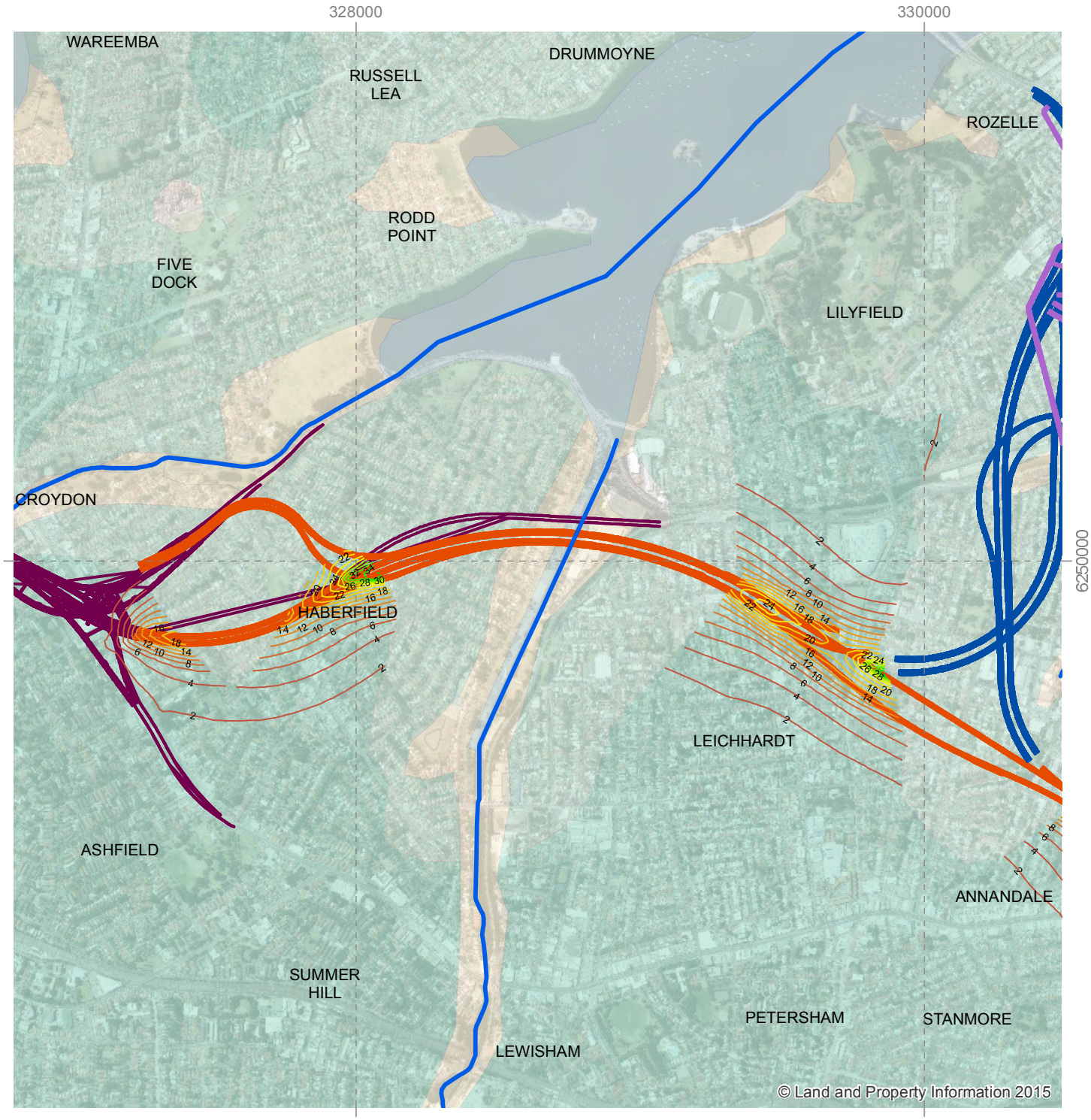
Scale: 10,000 @A4
GDA 1994 MGA Zone 56

0 0.075 0.15 0.3 0.45 km

WestConnex M4-M5 Link

M4-M5 Link Drawdown at Project Opening (2023)
Ashfield Shale - L3 - Rozelle
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening_Rozelle.mxd



Drawdown (m)

- 2 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 16
- 17 - 18
- 19 - 20
- 21 - 22
- 23 - 24
- 25 - 26
- 27 - 28
- 29 - 30
- 31 - 32
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- 35 - 36
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- 39 - 40
- 41 - 42
- 43 - 44
- 45 - 46
- 47 - 48
- 49 - 50
- 51 - 52
- 53 - 54
- 55 - 56
- Ventilation_Tunnels

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

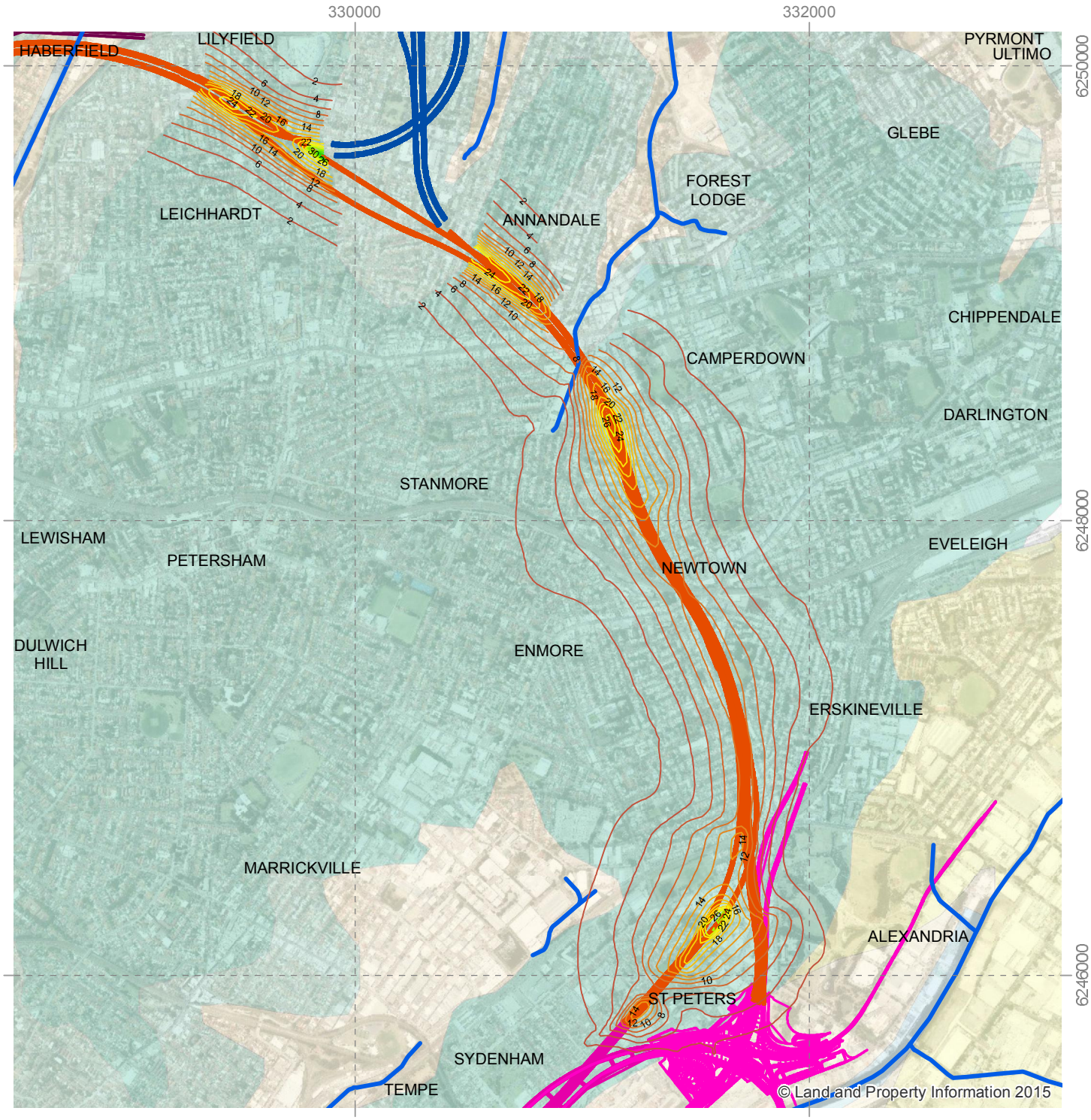
Scale: 20,000 @A4
GDA 1994 MGA Zone 56

0 0.15 0.3 0.6 0.9 km

WestConnex M4-M5 Link

M4-M5 Link Drawdown at Project Opening (2023)
Ashfield Shale - L3 - Mainline NW
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening_MainlineNW.mxd



Drawdown (m)

- 2 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 16
- 17 - 18
- 19 - 20
- 21 - 22
- 23 - 24
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- 41 - 42
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- 45 - 46
- 47 - 48
- 49 - 50
- 51 - 52
- 53 - 54
- 55 - 56
- Ventilation_Tunnels

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

Scale: 25,000 @A4
GDA 1994 MGA Zone 56

0 0.2 0.4 0.8 1.2 km

WestConnex M4-M5 Link

M4-M5 Link Drawdown at Project Opening (2023)
Ashfield Shale - L3 - Mainline SE
[Model Run TR020]

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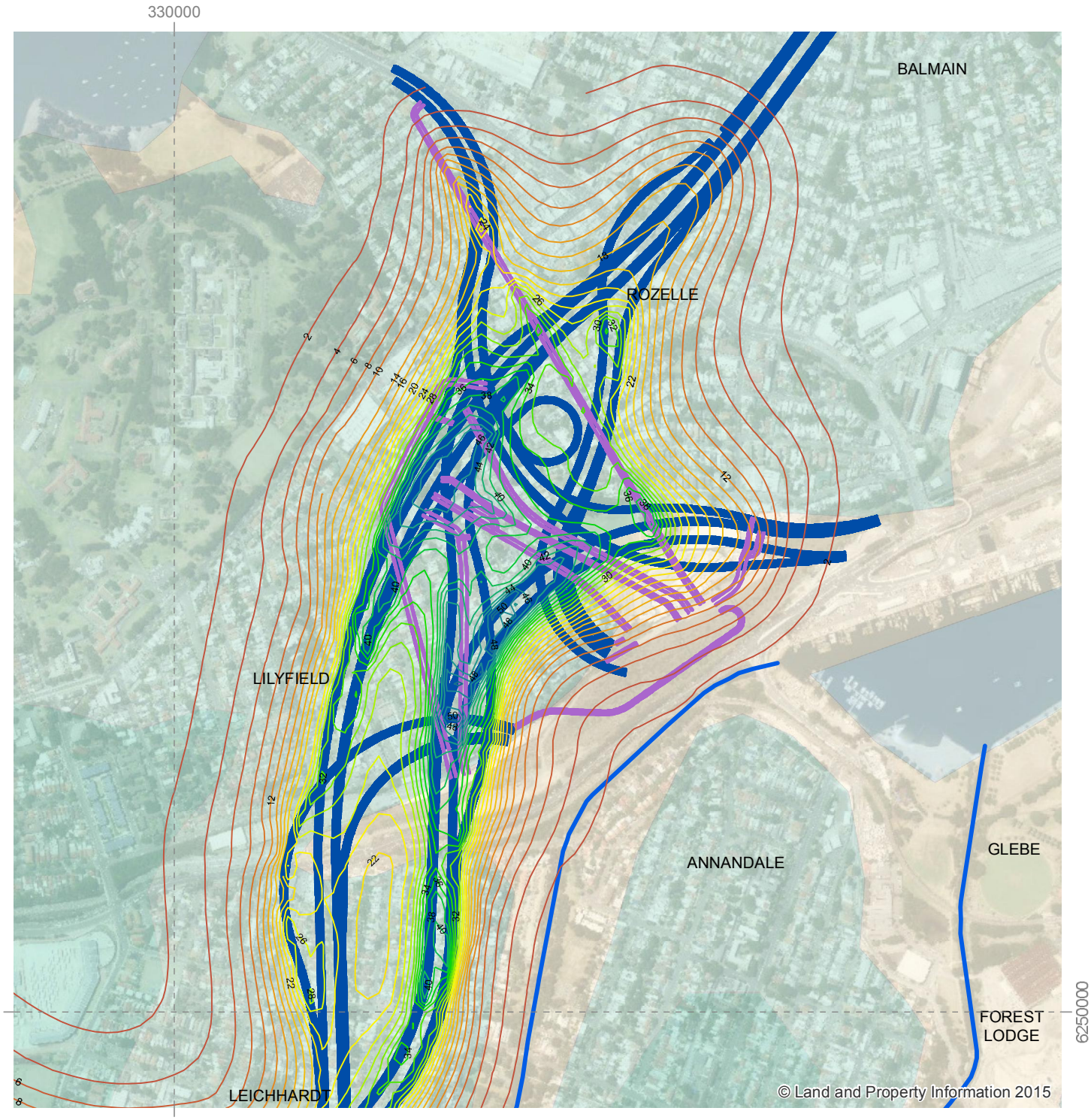
HAWKESBURY SANDSTONE DRAWDOWN AT PROJECT OPENING



Drawdown (m)

- 2 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 16
- 17 - 18
- 19 - 20
- 21 - 22
- 23 - 24
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- 35 - 36
- 37 - 38
- 39 - 40
- 41 - 42
- 43 - 44
- 45 - 46
- 47 - 48
- 49 - 50
- 51 - 52
- 53 - 54
- 55 - 56
- Ventilation_Tunnels

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

Scale: 10,000 @A4
GDA 1994 MGA Zone 56

0 0.075 0.15 0.3 0.45 km

WestConnex M4-M5 Link

M4-M5 Link Drawdown at Project Opening (2023)
Hawkesbury Sandstone - L6 - Rozelle
[Model Run TR020]

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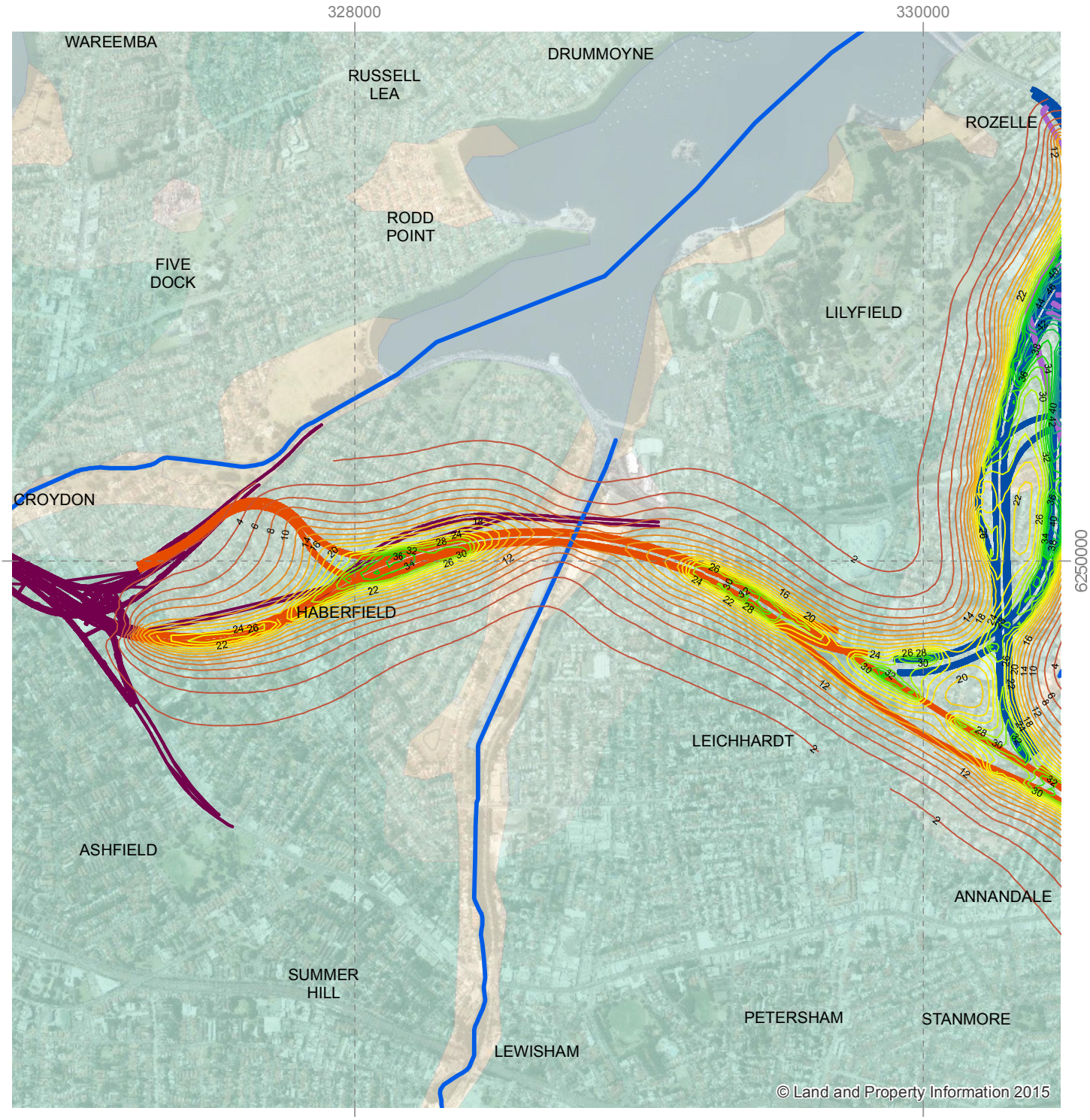

Drawdown (m)

- 2 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 16
- 17 - 18
- 19 - 20
- 21 - 22
- 23 - 24
- 25 - 26
- 27 - 28
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- 31 - 32
- 33 - 34
- 35 - 36
- 37 - 38
- 39 - 40
- 41 - 42
- 43 - 44
- 45 - 46
- 47 - 48
- 49 - 50
- 51 - 52
- 53 - 54
- 55 - 56
- Ventilation_Tunnels

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

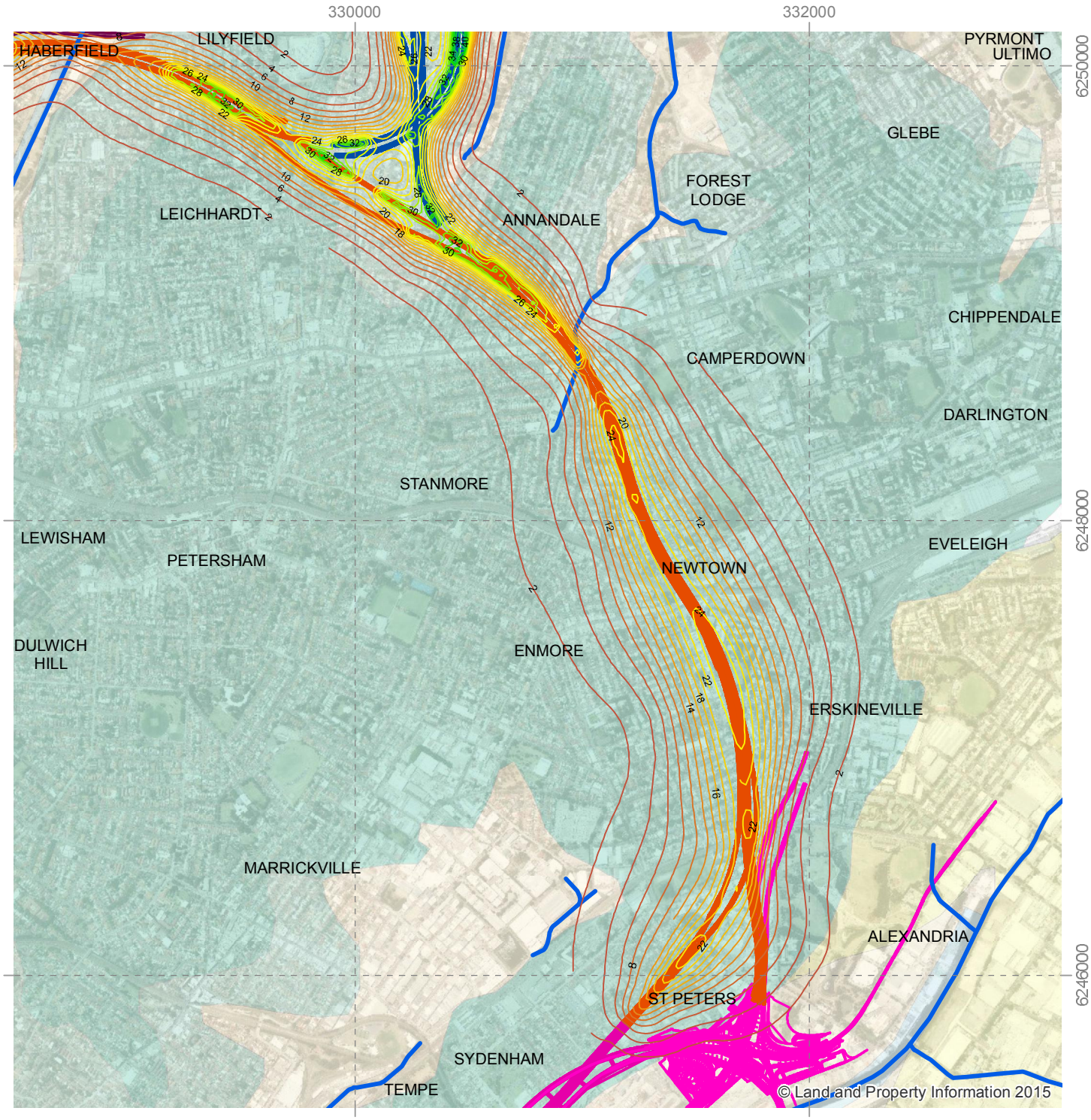
Scale: 20,000 @A4
GDA 1994 MGA Zone 56

0 0.15 0.3 0.6 0.9 km

WestConnex M4-M5 Link

M4-M5 Link Drawdown at Project Opening (2023)
Hawkesbury Sandstone - L6 - Mainline NW
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening_MainlineNW.mxd



Drawdown (m)

- 2 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 16
- 17 - 18
- 19 - 20
- 21 - 22
- 23 - 24
- 25 - 26
- 27 - 28
- 29 - 30
- 31 - 32
- 33 - 34
- 35 - 36
- 37 - 38
- 39 - 40
- 41 - 42
- 43 - 44
- 45 - 46
- 47 - 48
- 49 - 50
- 51 - 52
- 53 - 54
- 55 - 56
- Ventilation_Tunnels

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

Scale: 25,000 @A4
GDA 1994 MGA Zone 56

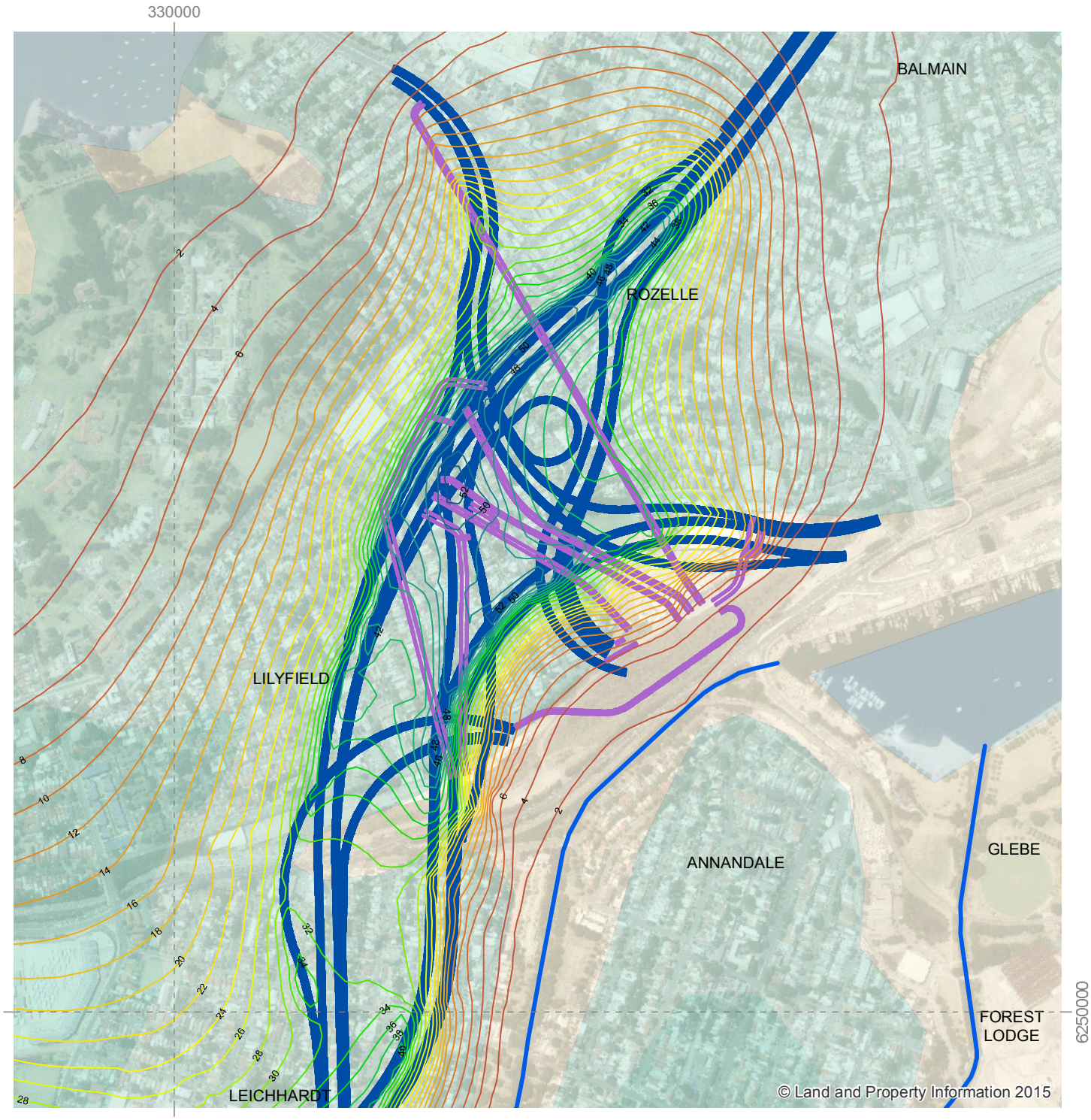
0 0.2 0.4 0.8 1.2 km

WestConnex M4-M5 Link

M4-M5 Link Drawdown at Project Opening (2023)
Hawkesbury Sandstone - L6 - Mainline SE
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening_MainlineSE.mxd

WATER TABLE DRAWDOWN AT YEAR 2100



Drawdown (m)

- 2 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 16
- 17 - 18
- 19 - 20
- 21 - 22
- 23 - 24
- 25 - 26
- 27 - 28
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- 31 - 32
- 33 - 34
- 35 - 36
- 37 - 38
- 39 - 40
- 41 - 42
- 43 - 44
- 45 - 46
- 47 - 48
- 49 - 50
- 51 - 52
- 53 - 54
- 55 - 56
- Ventilation_Tunnels

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

Scale: 10,000 @A4
GDA 1994 MGA Zone 56

0 0.075 0.15 0.3 0.45 km

WestConnex M4-M5 Link

M4-M5 Link Drawdown at Year 2100
Alluvium and Botany Sands - L1 - Rozelle
[Model Run TR020]

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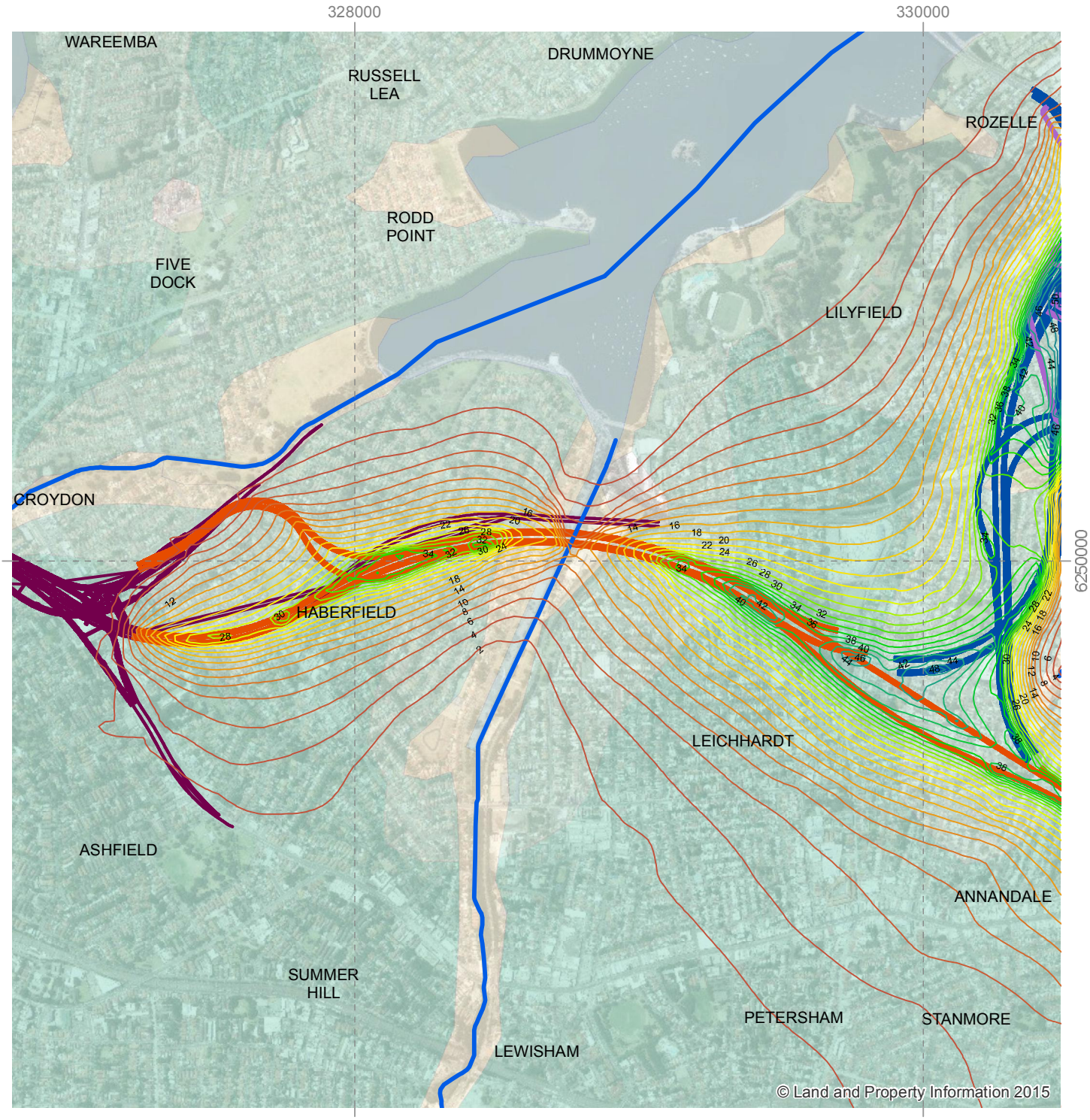


Drawdown (m)

- 2 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 16
- 17 - 18
- 19 - 20
- 21 - 22
- 23 - 24
- 25 - 26
- 27 - 28
- 29 - 30
- 31 - 32
- 33 - 34
- 35 - 36
- 37 - 38
- 39 - 40
- 41 - 42
- 43 - 44
- 45 - 46
- 47 - 48
- 49 - 50
- 51 - 52
- 53 - 54
- 55 - 56
- Ventilation_Tunnels

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

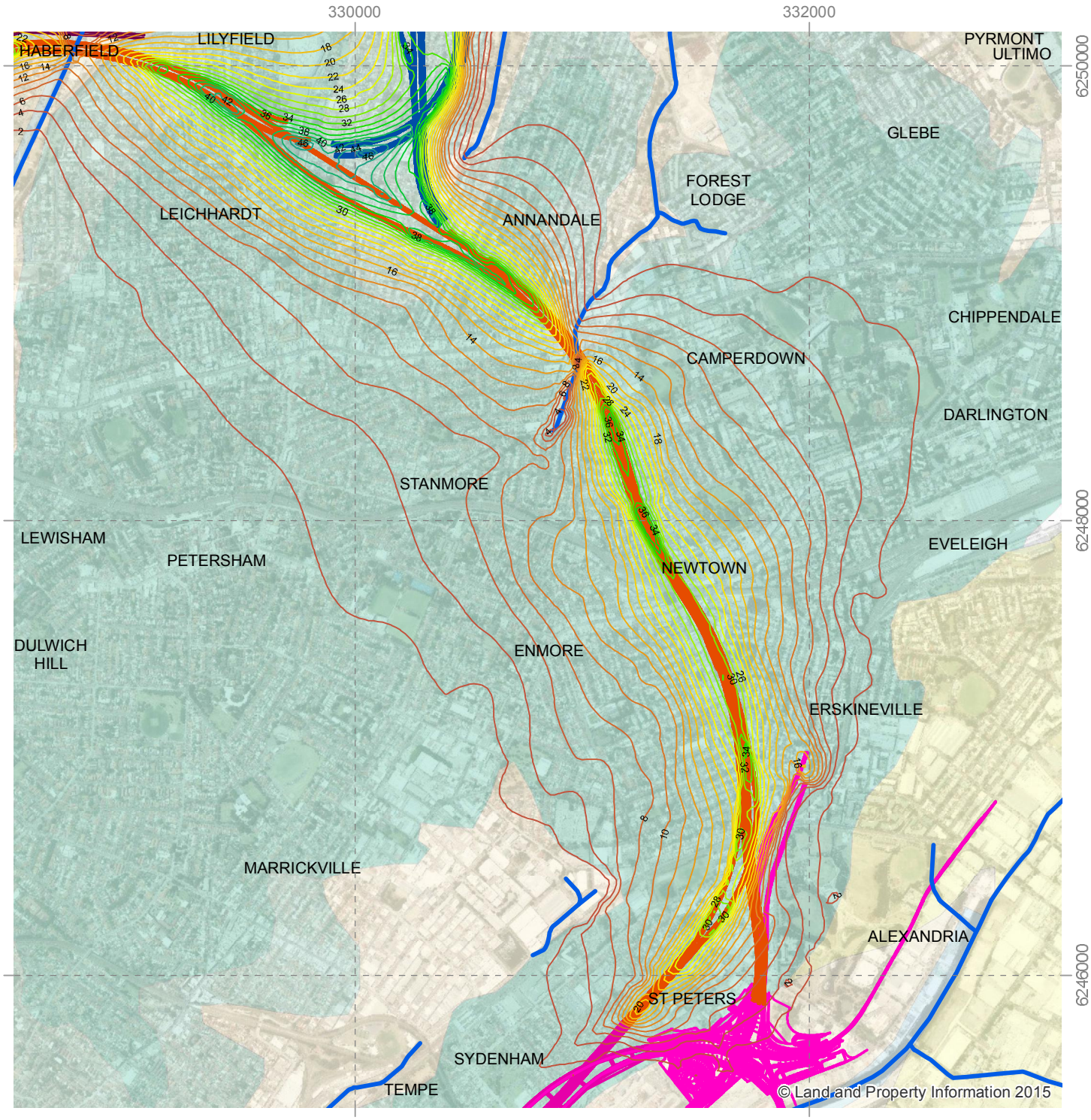
Scale: 20,000 @A4
GDA 1994 MGA Zone 56

0 0.15 0.3 0.6 0.9 km

WestConnex M4-M5 Link

M4-M5 Link Drawdown at Year 2100
Alluvium and Botany Sands - L1 - Mainline NW
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening_MainlineNW.mxd



Drawdown (m)

- 2 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 16
- 17 - 18
- 19 - 20
- 21 - 22
- 23 - 24
- 25 - 26
- 27 - 28
- 29 - 30
- 31 - 32
- 33 - 34
- 35 - 36
- 37 - 38
- 39 - 40
- 41 - 42
- 43 - 44
- 45 - 46
- 47 - 48
- 49 - 50
- 51 - 52
- 53 - 54
- 55 - 56
- Ventilation_Tunnels

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

Scale: 25,000 @A4
GDA 1994 MGA Zone 56

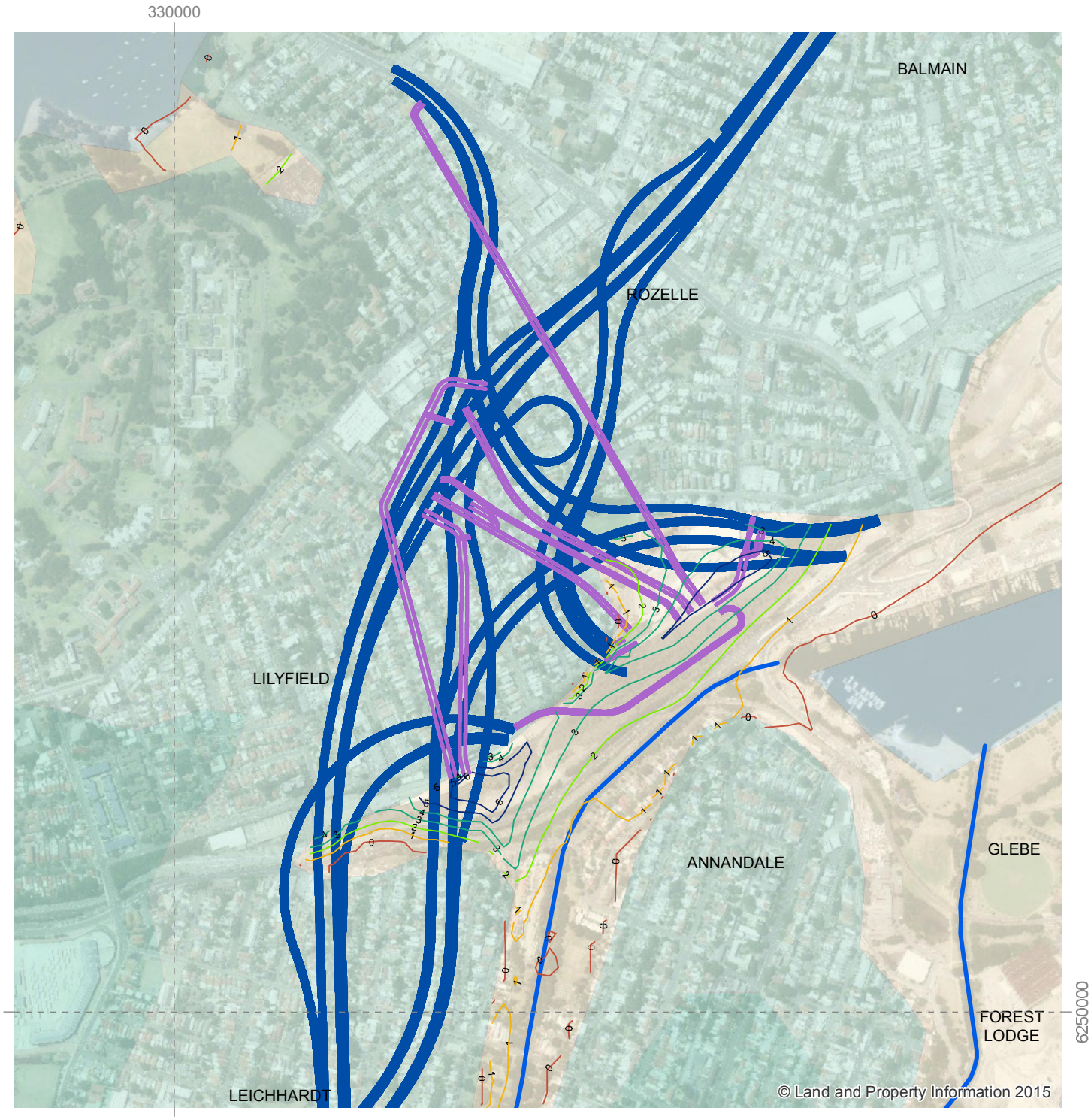
0 0.2 0.4 0.8 1.2 km

WestConnex M4-M5 Link

M4-M5 Link Drawdown at Year 2100
Alluvium and Botany Sands - L1 - Mainline SE
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening_MainlineSE.mxd

UNCONSOLIDATED SEDIMENT DRAWDOWN AT YEAR 2100



Drawdown (m)

- 0
- 1
- 2
- 3 - 4
- 5 - 6
- Ventilation_Tunnels

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

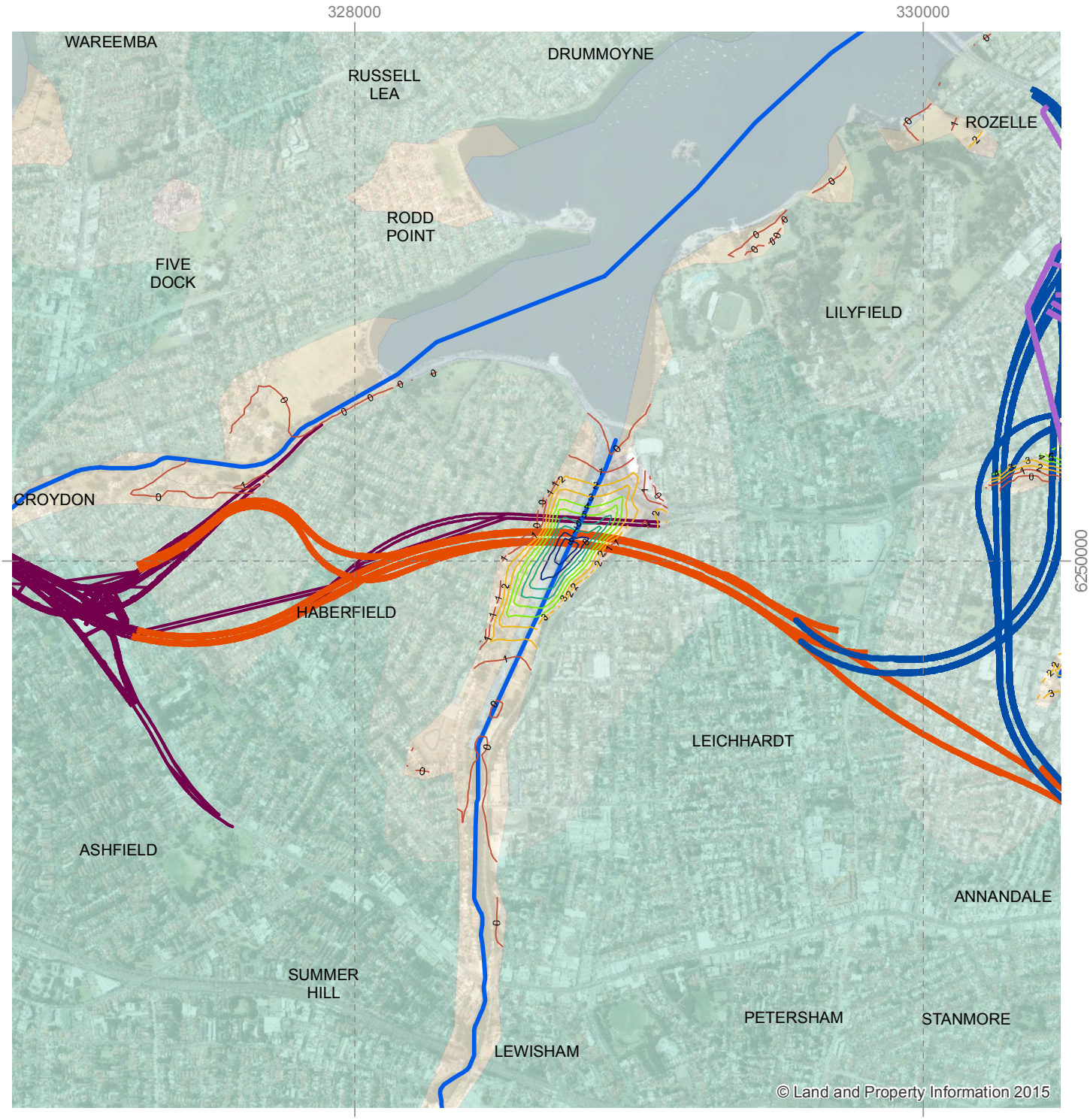
- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

Scale: 10,000 @A4
GDA 1994 MGA Zone 56

0 0.075 0.15 0.3 0.45 km

WestConnex M4-M5 Link
M4-M5 Link Drawdown
at Year 2100
Alluvium and Botany Sands - L1 - Rozelle
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening_Rozelle.mxd



Drawdown (m)

- 0 - 1
- 2 - 3
- 4 - 5
- 6 - 7
- 8 - 10
- Ventilation_Tunnels

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

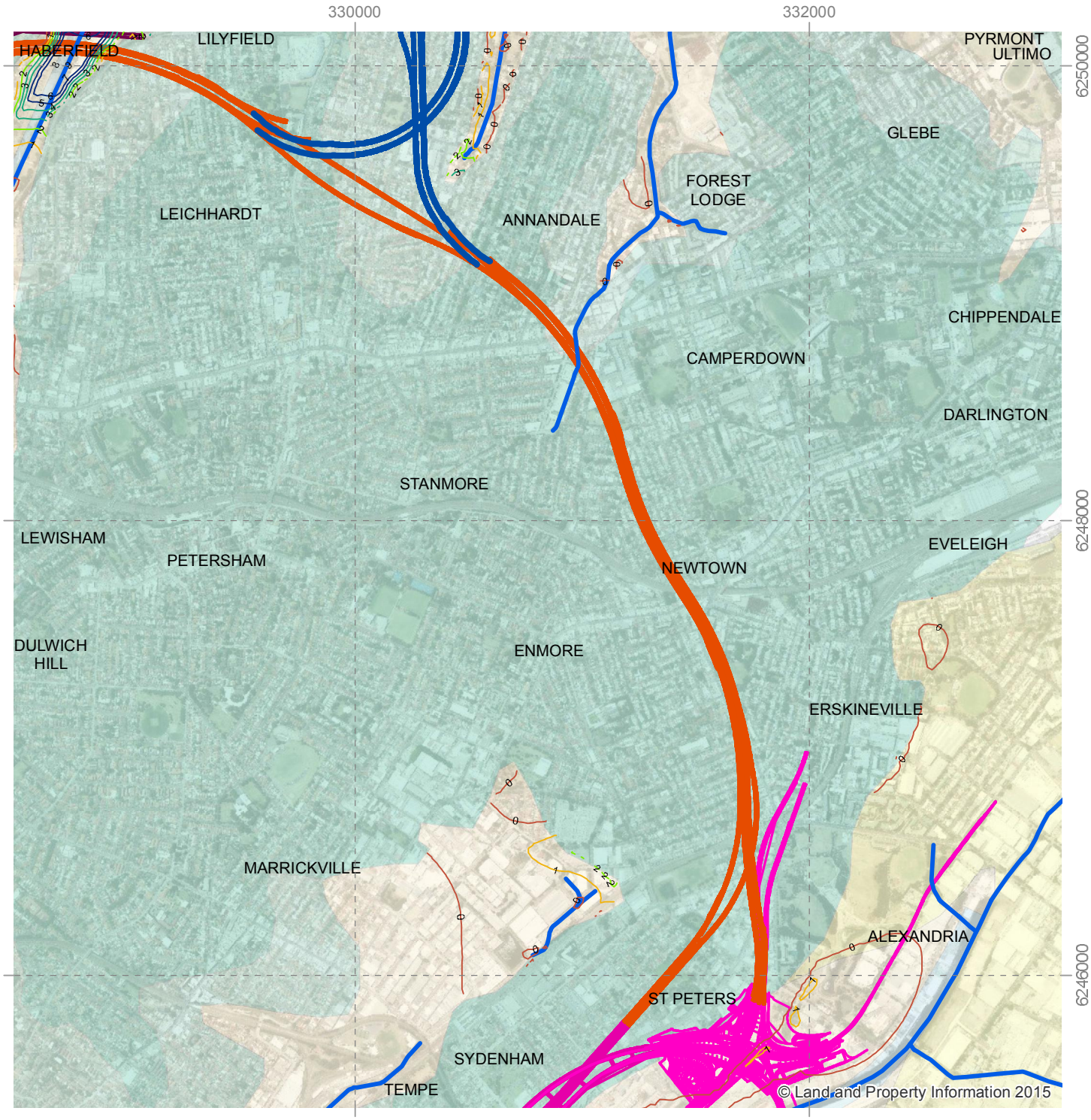
- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

Scale: 20,000 @A4
GDA 1994 MGA Zone 56

0 0.15 0.3 0.6 0.9 km

WestConnex M4-M5 Link
M4-M5 Link Drawdown at Year 2100
Alluvium and Botany Sands - L1 - Mainline NW
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening_MainlineNW.mxd



Drawdown (m)

- 0
- 1
- 2
- 3 - 4
- 5 - 6
- Ventilation_Tunnels

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

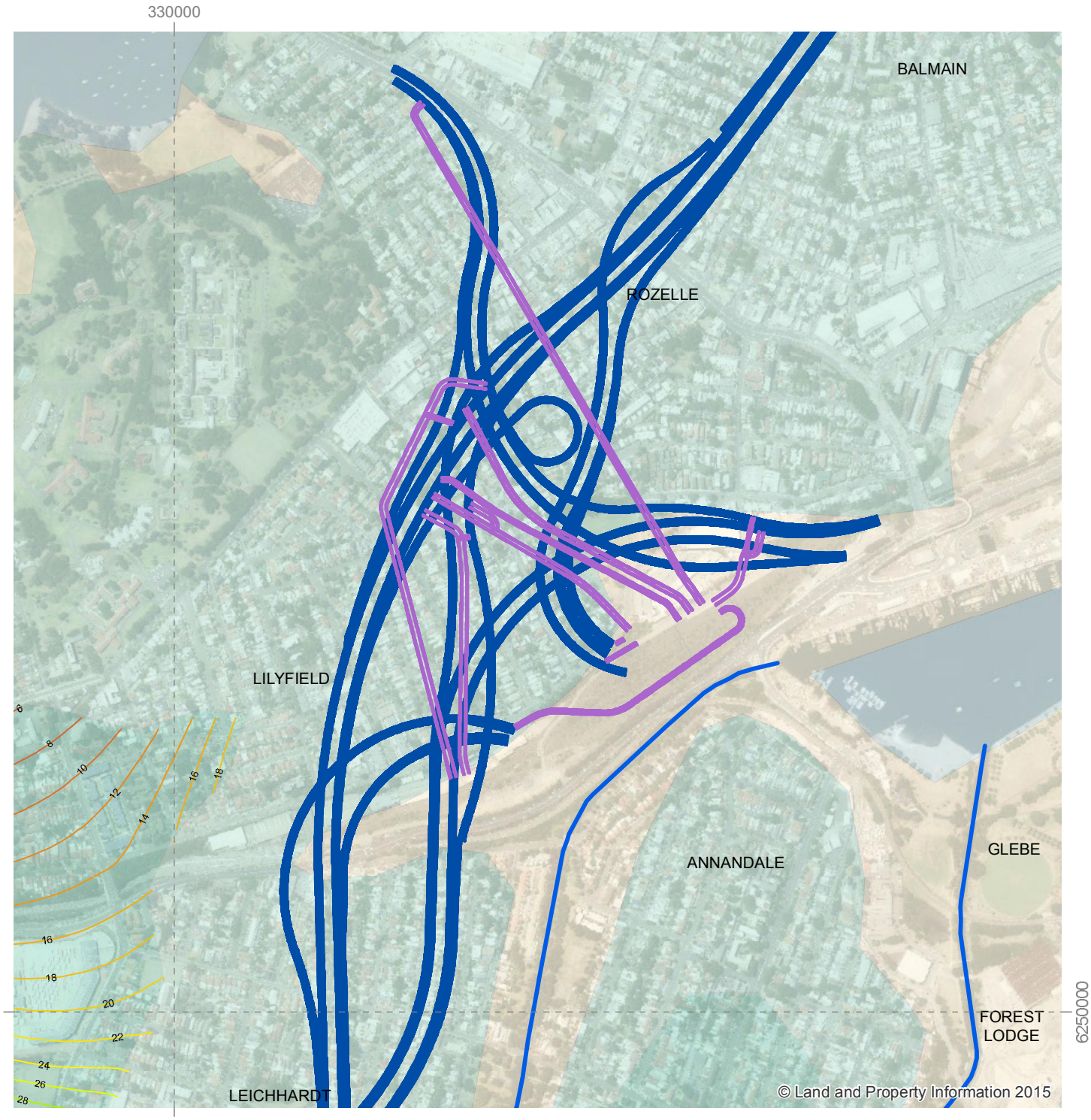
Scale: 25,000 @A4
GDA 1994 MGA Zone 56

0 0.2 0.4 0.8 1.2 km

WestConnex M4-M5 Link
M4-M5 Link Drawdown
at Year 2100
Alluvium and Botany Sands - L1 - Mainline SE
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening_MainlineSE.mxd

ASHFIELD SHALE DRAWDOWN AT YEAR 2100



Drawdown (m)

- 2 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 16
- 17 - 18
- 19 - 20
- 21 - 22
- 23 - 24
- 25 - 26
- 27 - 28
- 29 - 30
- 31 - 32
- 33 - 34
- 35 - 36
- 37 - 38
- 39 - 40
- 41 - 42
- 43 - 44
- 45 - 46
- 47 - 48
- 49 - 50
- 51 - 52
- 53 - 54
- 55 - 56
- Ventilation_Tunnels

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

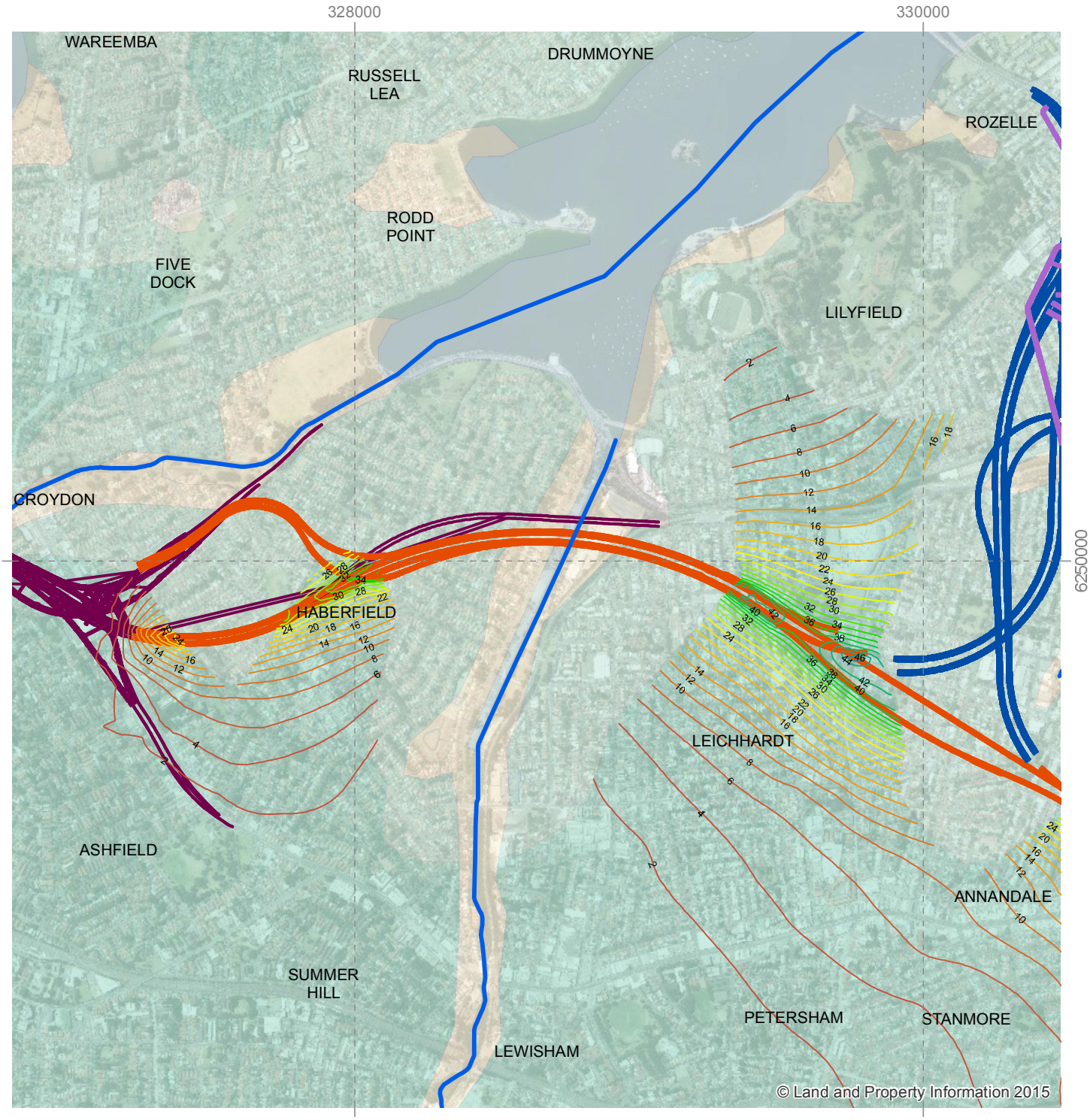
Scale: 10,000 @A4
GDA 1994 MGA Zone 56

0 0.075 0.15 0.3 0.45 km

WestConnex M4-M5 Link

M4-M5 Link Drawdown at Year 2100
Ashfield Shale - L3 - Rozelle
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening_Rozelle.mxd



Drawdown (m)

- 2 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 16
- 17 - 18
- 19 - 20
- 21 - 22
- 23 - 24
- 25 - 26
- 27 - 28
- 29 - 30
- 31 - 32
- 33 - 34
- 35 - 36
- 37 - 38
- 39 - 40
- 41 - 42
- 43 - 44
- 45 - 46
- 47 - 48
- 49 - 50
- 51 - 52
- 53 - 54
- 55 - 56
- Ventilation_Tunnels

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

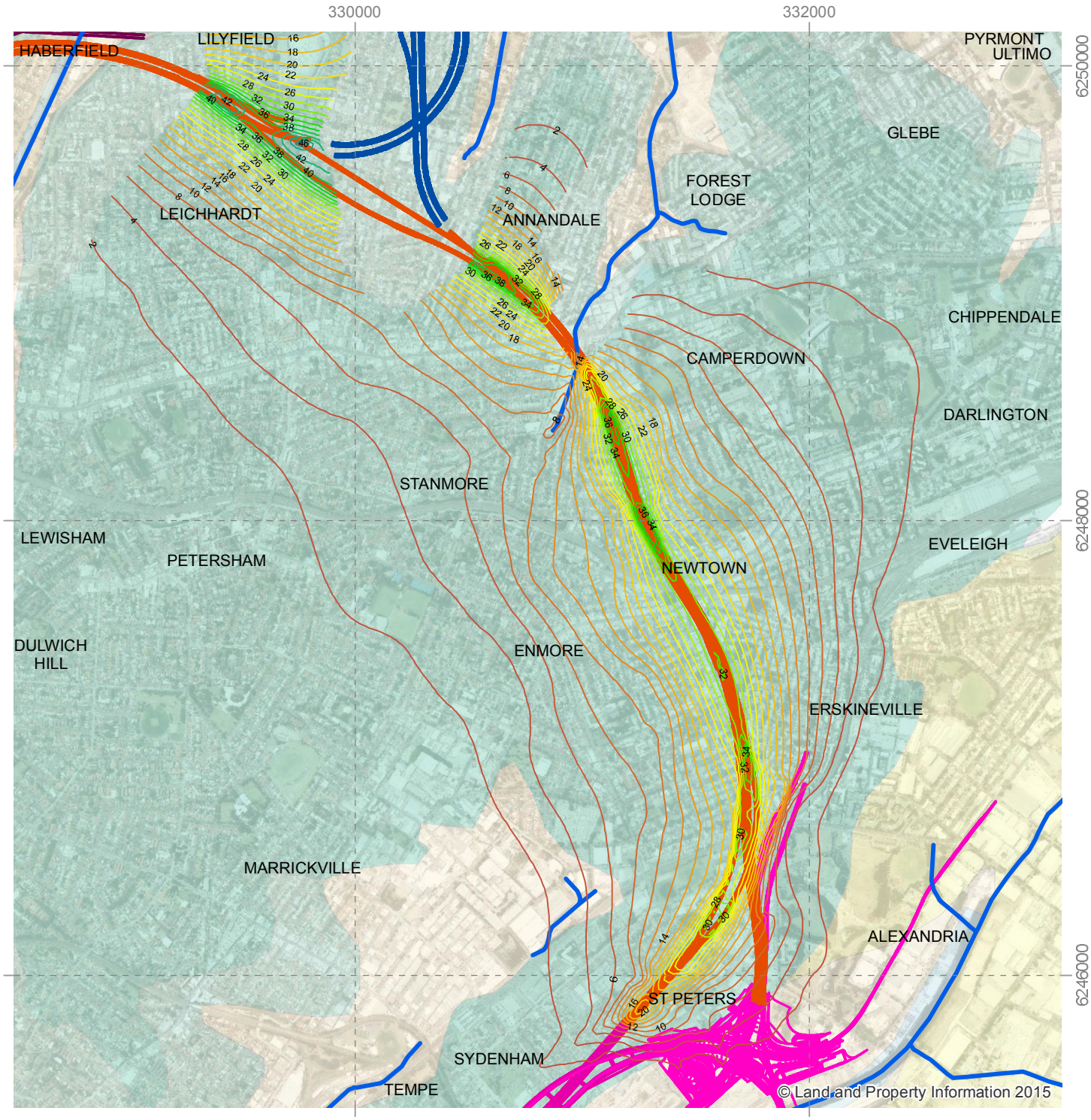
Scale: 20,000 @A4
GDA 1994 MGA Zone 56

0 0.15 0.3 0.6 0.9 km

WestConnex M4-M5 Link

M4-M5 Link Drawdown at Year 2100
Ashfield Shale - L3 - Mainline NW
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening_MainlineNW.mxd



Drawdown (m)

- 2 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 16
- 17 - 18
- 19 - 20
- 21 - 22
- 23 - 24
- 25 - 26
- 27 - 28
- 29 - 30
- 31 - 32
- 33 - 34
- 35 - 36
- 37 - 38
- 39 - 40
- 41 - 42
- 43 - 44
- 45 - 46
- 47 - 48
- 49 - 50
- 51 - 52
- 53 - 54
- 55 - 56
- Ventilation_Tunnels

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

Scale: 25,000 @A4
GDA 1994 MGA Zone 56

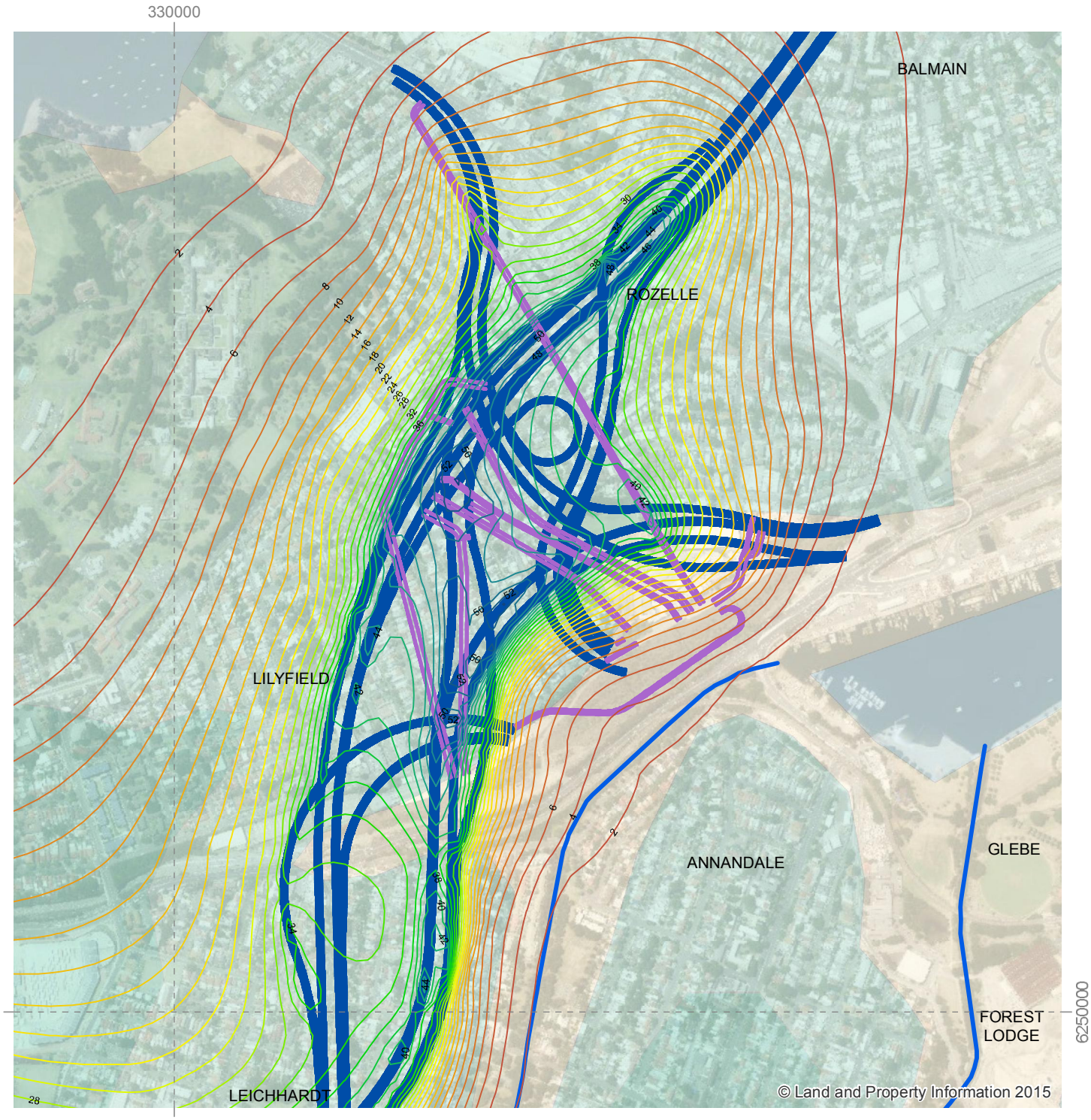
0 0.2 0.4 0.8 1.2 km

WestConnex M4-M5 Link

M4-M5 Link Drawdown at Year 2100
Ashfield Shale - L3 - Mainline SE
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening_MainlineSE.mxd

HAWKESBURY SANDSTONE DRAWDOWN AT YEAR 2100



Drawdown (m)

- 2 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 16
- 17 - 18
- 19 - 20
- 21 - 22
- 23 - 24
- 25 - 26
- 27 - 28
- 29 - 30
- 31 - 32
- 33 - 34
- 35 - 36
- 37 - 38
- 39 - 40
- 41 - 42
- 43 - 44
- 45 - 46
- 47 - 48
- 49 - 50
- 51 - 52
- 53 - 54
- 55 - 56
- Ventilation_Tunnels

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

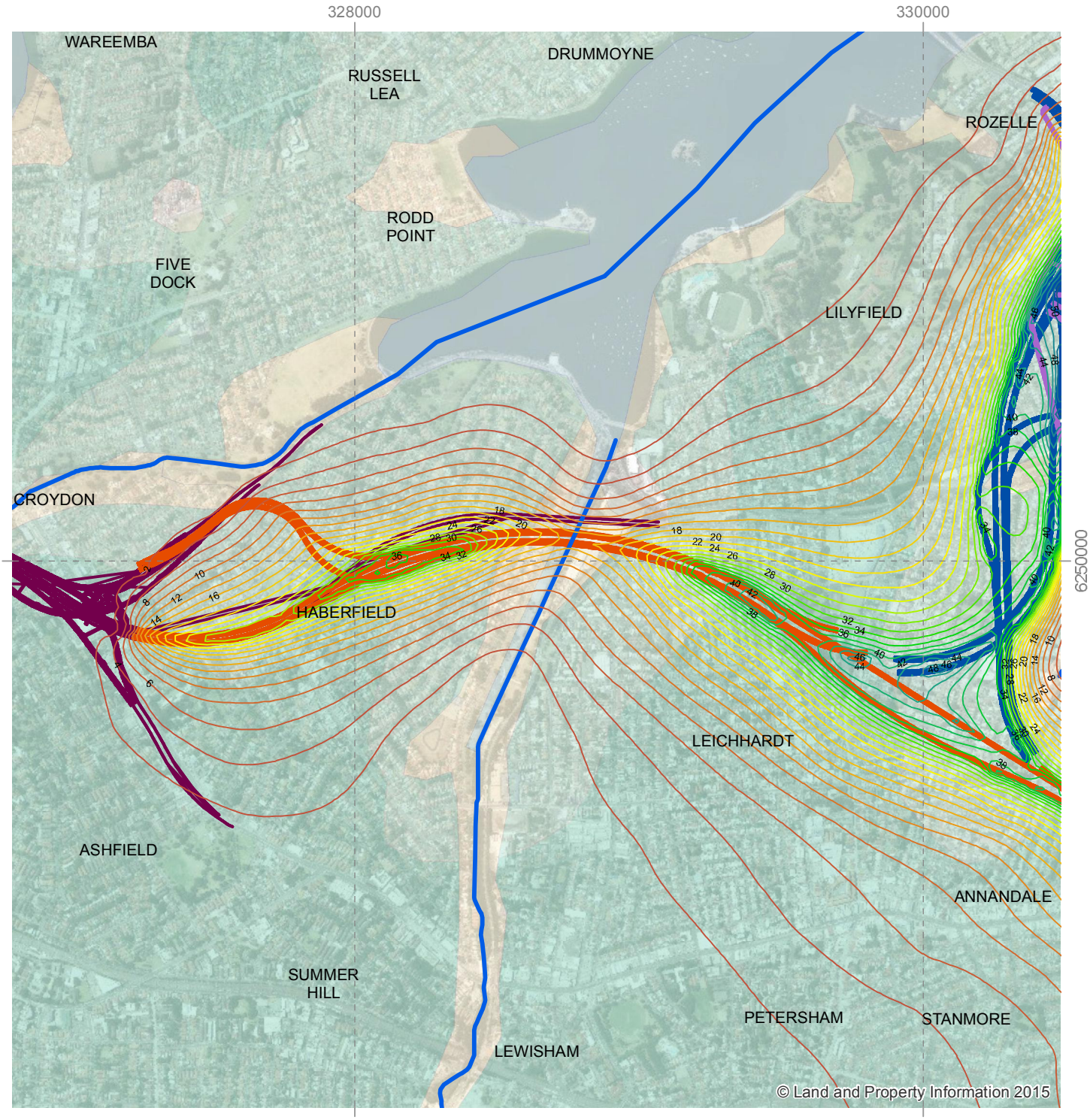
Scale: 10,000 @A4
GDA 1994 MGA Zone 56

0 0.075 0.15 0.3 0.45 km

WestConnex M4-M5 Link

M4-M5 Link Drawdown at Year 2100
Hawkesbury Sandstone - L6 - Rozelle
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening_Rozelle.mxd



Drawdown (m)

- 2 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 16
- 17 - 18
- 19 - 20
- 21 - 22
- 23 - 24
- 25 - 26
- 27 - 28
- 29 - 30
- 31 - 32
- 33 - 34
- 35 - 36
- 37 - 38
- 39 - 40
- 41 - 42
- 43 - 44
- 45 - 46
- 47 - 48
- 49 - 50
- 51 - 52
- 53 - 54
- 55 - 56
- Ventilation_Tunnels

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

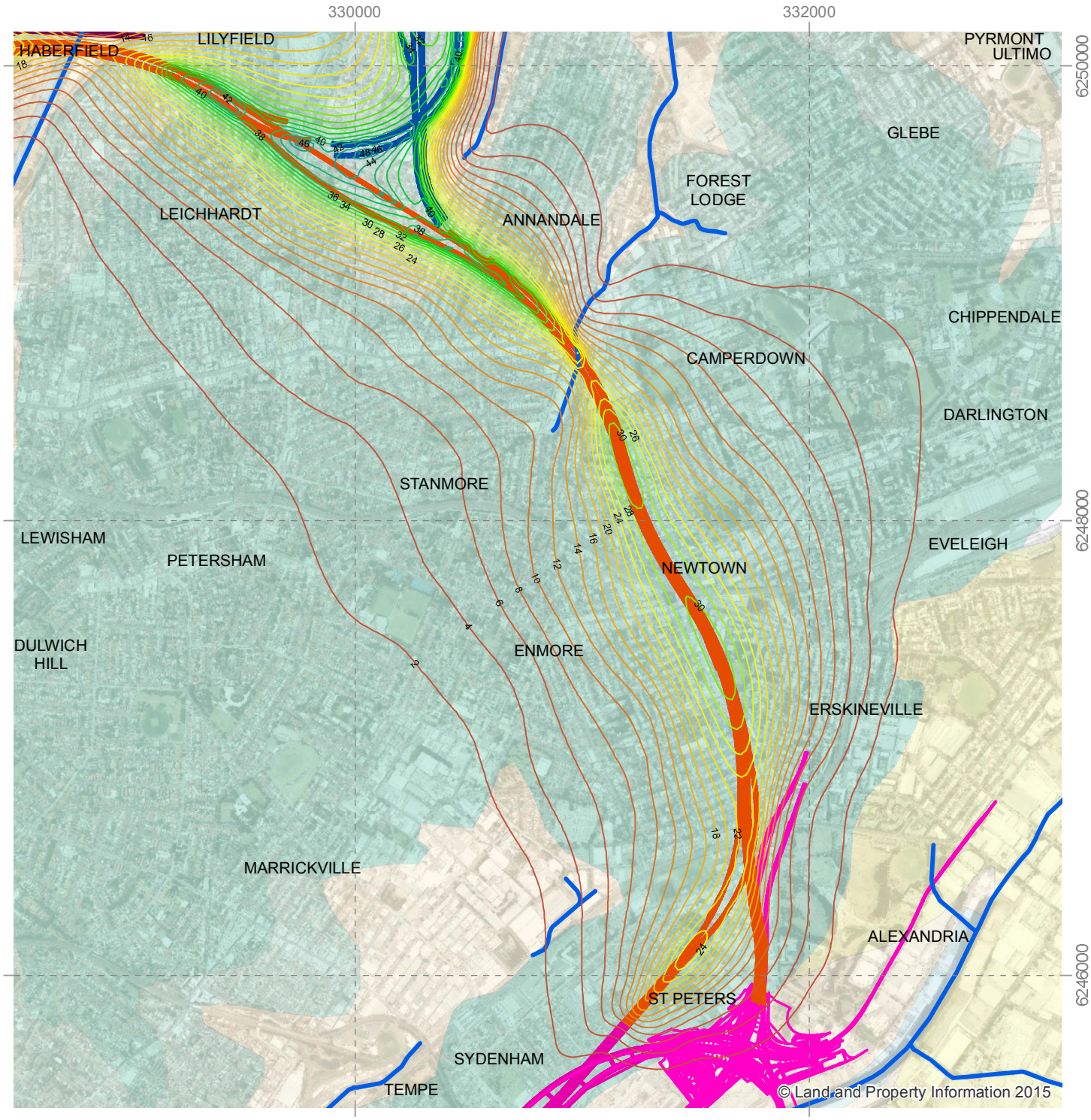
Scale: 20,000 @A4
GDA 1994 MGA Zone 56

0 0.15 0.3 0.6 0.9 km

WestConnex M4-M5 Link

M4-M5 Link Drawdown at Year 2100
Hawkesbury Sandstone - L6 - Mainline NW
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening_MainlineNW.mxd



Drawdown (m)

- 2 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 16
- 17 - 18
- 19 - 20
- 21 - 22
- 23 - 24
- 25 - 26
- 27 - 28
- 29 - 30
- 31 - 32
- 33 - 34
- 35 - 36
- 37 - 38
- 39 - 40
- 41 - 42
- 43 - 44
- 45 - 46
- 47 - 48
- 49 - 50
- 51 - 52
- 53 - 54
- 55 - 56
- Ventilation_Tunnels

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

Scale: 25,000 @A4
GDA 1994 MGA Zone 56

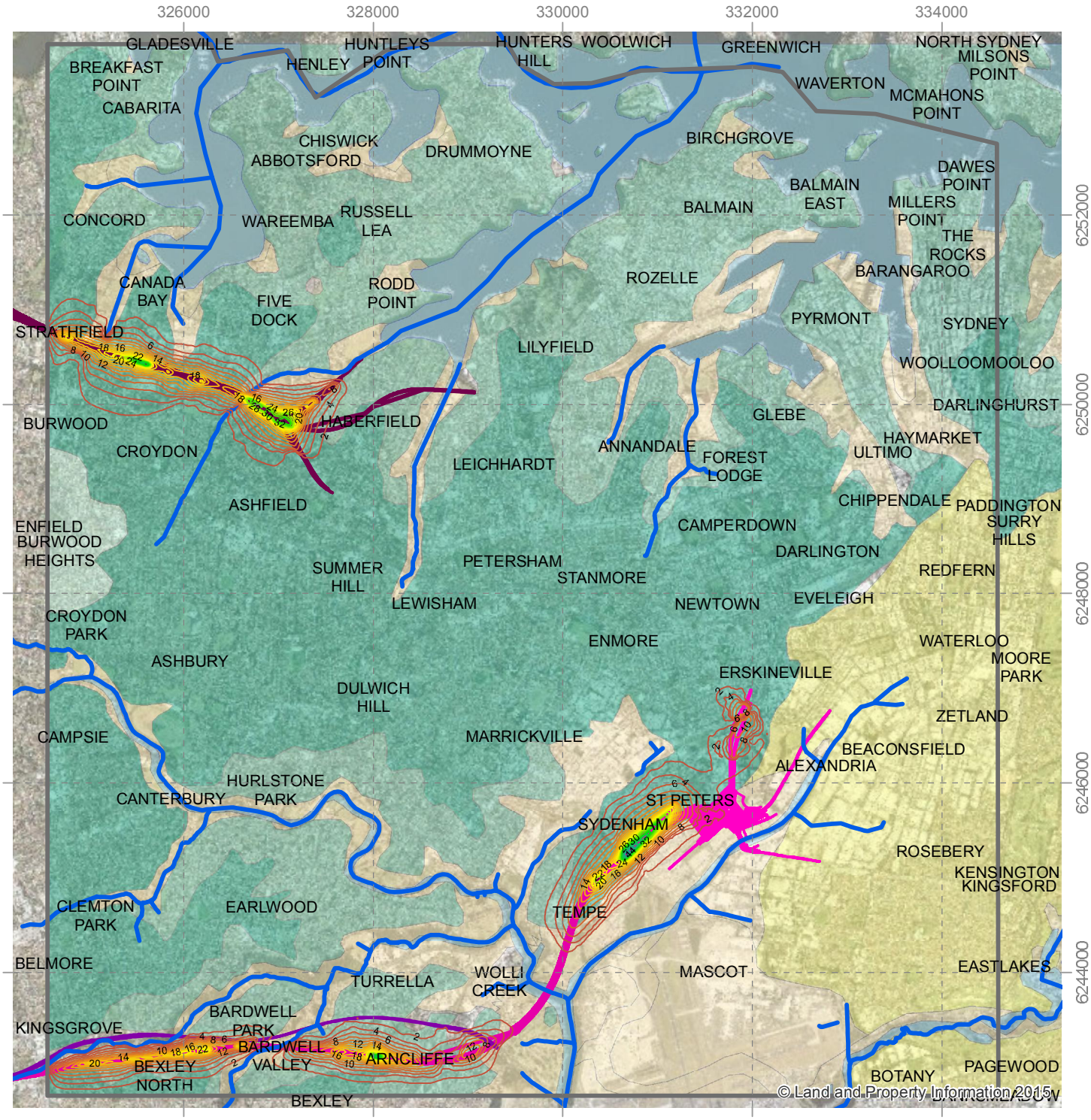
0 0.2 0.4 0.8 1.2 km

WestConnex M4-M5 Link

M4-M5 Link Drawdown at Year 2100
Hawkesbury Sandstone - L6 - Mainline SE
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening_MainlineSE.mxd

ANNEXURE D – DRAWDOWN DUE TO M4 EAST AND NEW M5 (NO M4-M5 LINK)



Drawdown (m)

- 2 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 16
- 17 - 18
- 19 - 20
- 21 - 22
- 23 - 24
- 25 - 26
- 27 - 28
- 29 - 30
- 31 - 32
- 33 - 34
- 35 - 36
- 37 - 38
- 39 - 40
- 41 - 42
- 43 - 44
- 45 - 46
- 47 - 48
- 49 - 50
- 51 - 52
- 53 - 54
- 55 - 56

- Model Boundary
- River/Creek/Channel
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

Scale: 60,000 @A4
GDA 1994 MGA Zone 56

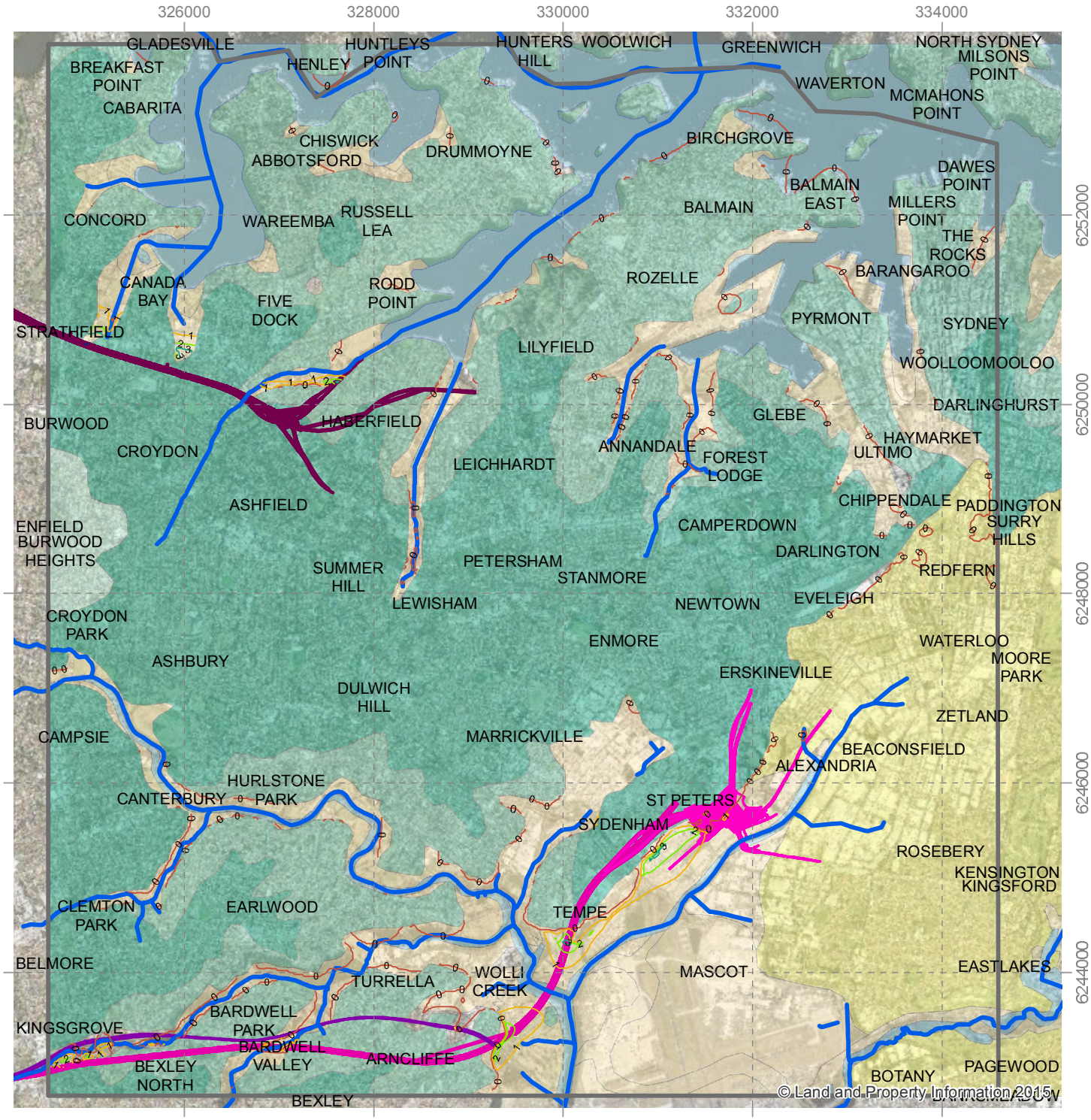
0 0.5 1 2 3 km

WestConnex M4-M5 Link

M4 East and New M5 Cumulative Drawdown at Project Opening (2023)

Water Table
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening.mxd



Drawdown (m)

- 0
- 1
- 2
- 3
- 4

- Model Boundary
- River/Creek/Channel
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

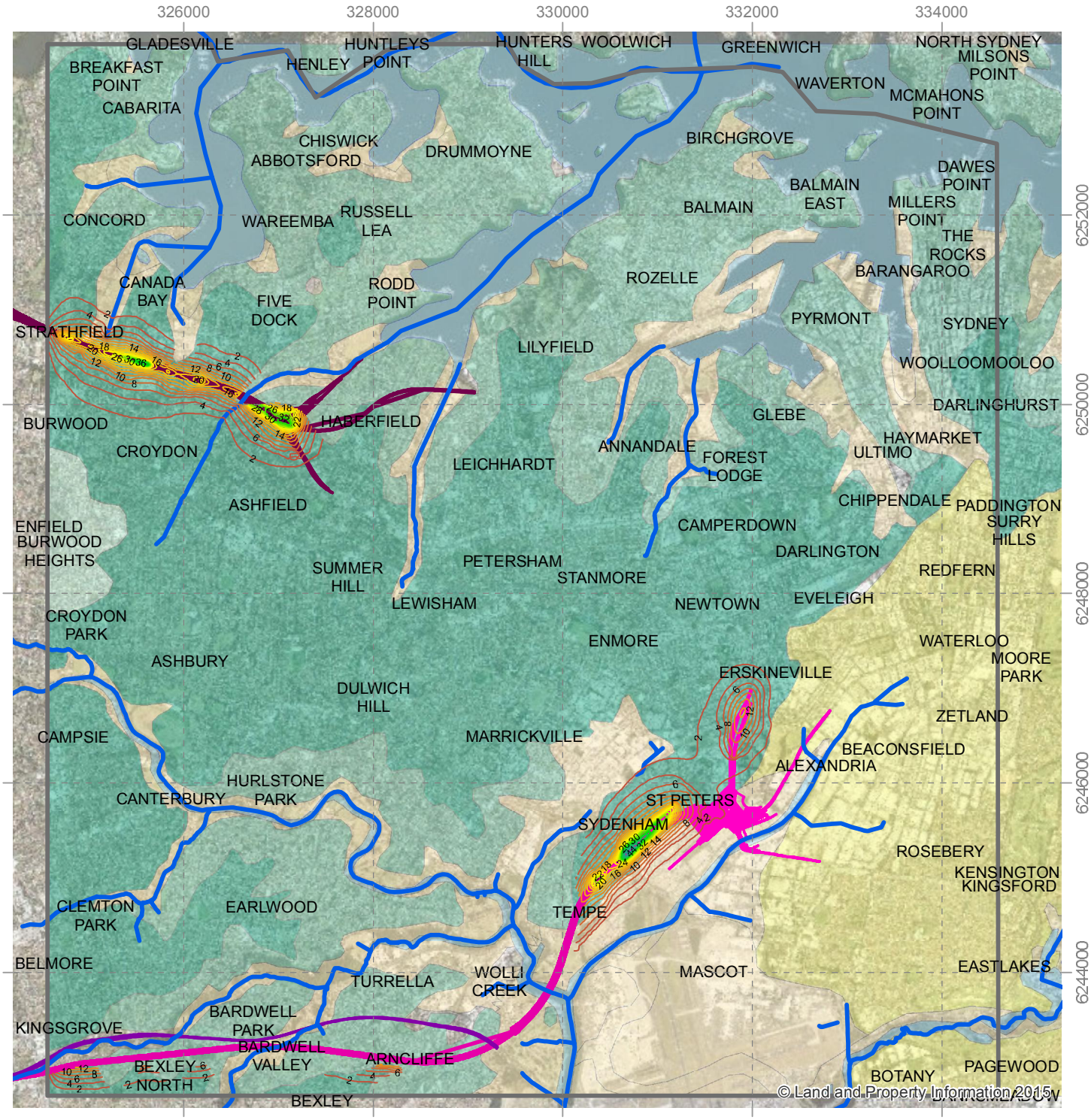
Scale: 60,000 @A4
GDA 1994 MGA Zone 56

0 0.5 1 2 3 km

WestConnex M4-M5 Link

M4 East and New M5
Unconsolidated Sediment Cumulative Drawdown
at Project Opening (2023)
Alluvium and Botany Sands - L1
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\GroundwaterLevel.mxd



Drawdown (m)

- 2 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 16
- 17 - 18
- 19 - 20
- 21 - 22
- 23 - 24
- 25 - 26
- 27 - 28
- 29 - 30
- 31 - 32
- 33 - 34
- 35 - 36
- 37 - 38
- 39 - 40
- 41 - 42
- 43 - 44
- 45 - 46
- 47 - 48
- 49 - 50
- 51 - 52
- 53 - 54
- 55 - 56

- Model Boundary
- River/Creek/Channel
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

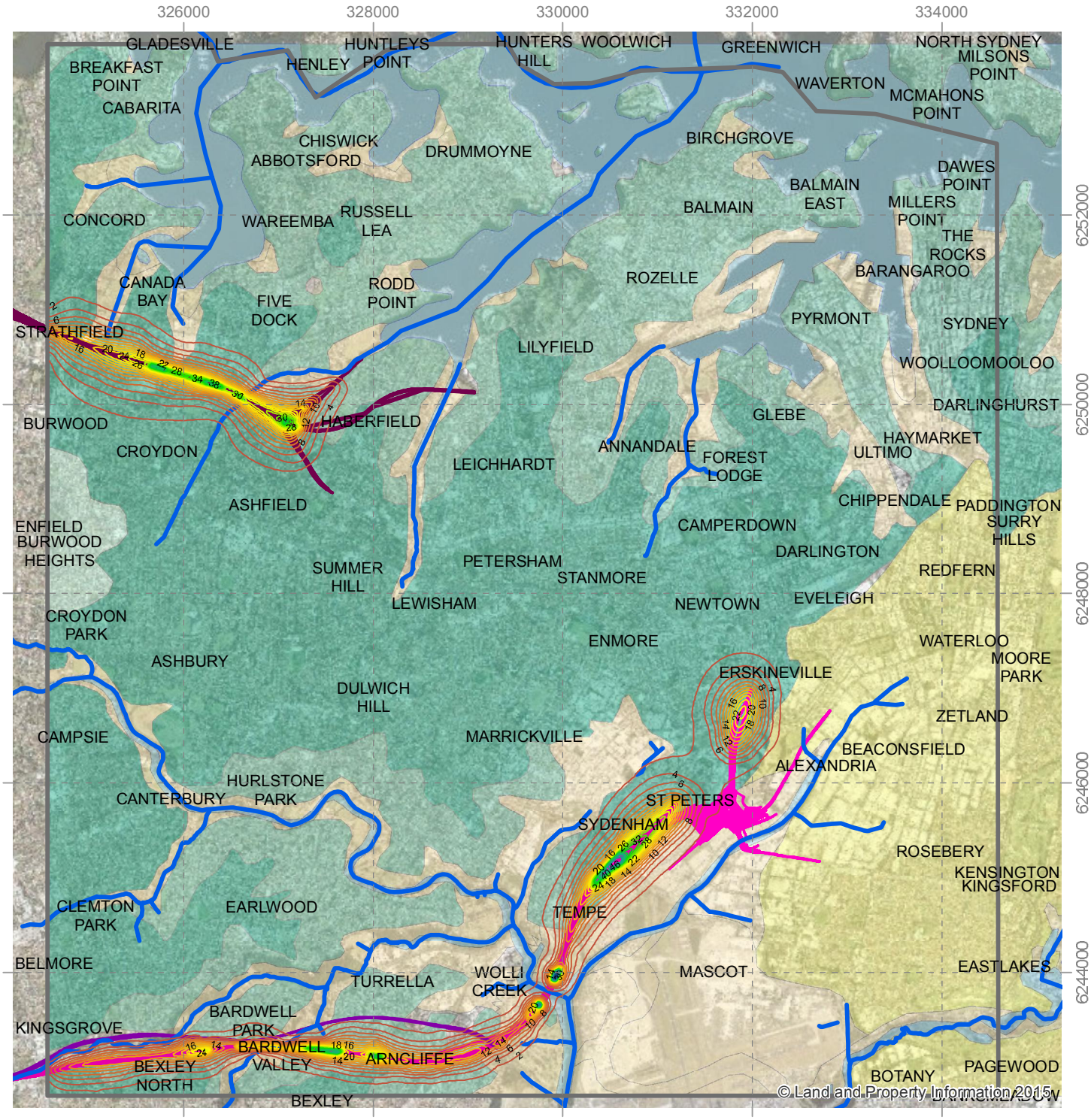
Scale: 60,000 @A4
GDA 1994 MGA Zone 56

0 0.5 1 2 3 km

WestConnex M4-M5 Link

M4 East and New M5 Cumulative Drawdown at Project Opening (2023)
Ashfield Shale - L3
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening.mxd



Drawdown (m)

- 2 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 16
- 17 - 18
- 19 - 20
- 21 - 22
- 23 - 24
- 25 - 26
- 27 - 28
- 29 - 30
- 31 - 32
- 33 - 34
- 35 - 36
- 37 - 38
- 39 - 40
- 41 - 42
- 43 - 44
- 45 - 46
- 47 - 48
- 49 - 50
- 51 - 52
- 53 - 54
- 55 - 56

- Model Boundary
- River/Creek/Channel
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

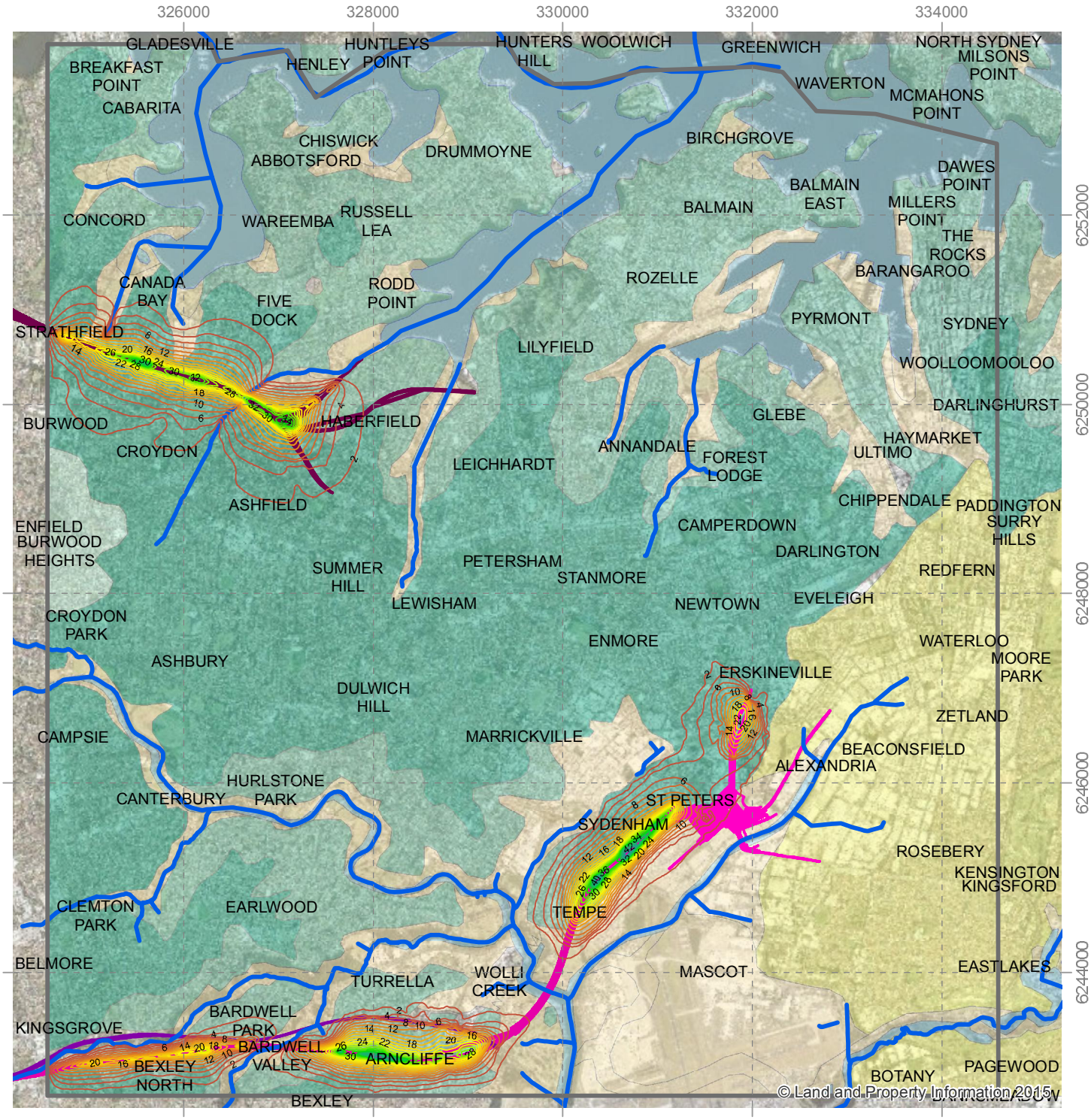
Scale: 60,000 @A4
GDA 1994 MGA Zone 56

0 0.5 1 2 3 km

WestConnex M4-M5 Link

M4 East and New M5 Cumulative Drawdown at Project Opening (2023) Hawkesbury Sandstone - L6 [Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening.mxd



Drawdown (m)

- 2 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 16
- 17 - 18
- 19 - 20
- 21 - 22
- 23 - 24
- 25 - 26
- 27 - 28
- 29 - 30
- 31 - 32
- 33 - 34
- 35 - 36
- 37 - 38
- 39 - 40
- 41 - 42
- 43 - 44
- 45 - 46
- 47 - 48
- 49 - 50
- 51 - 52
- 53 - 54
- 55 - 56

- Model Boundary
- River/Creek/Channel
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

Scale: 60,000 @A4
GDA 1994 MGA Zone 56

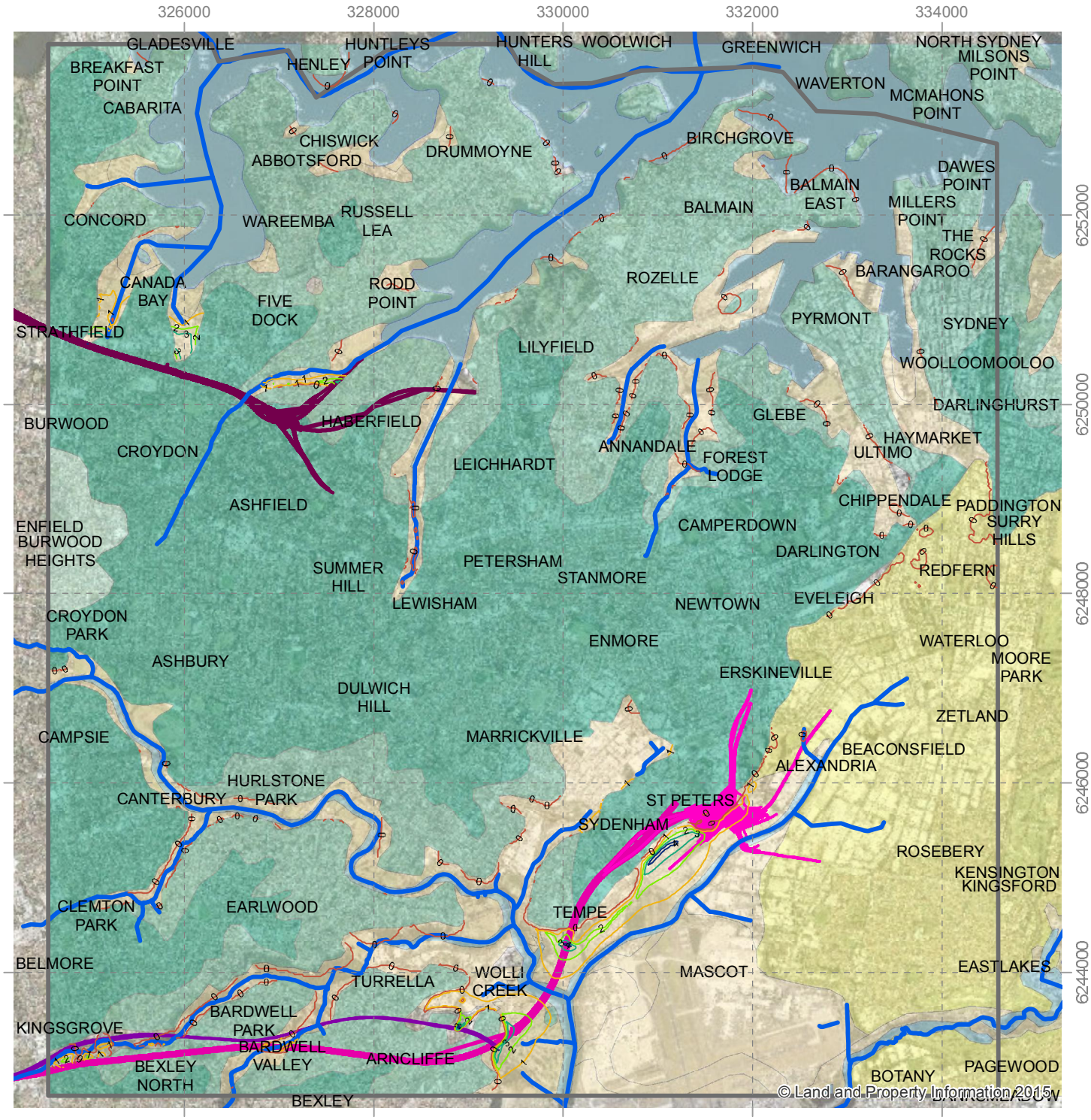
0 0.5 1 2 3 km

WestConnex M4-M5 Link

M4 East and New M5 Cumulative Drawdown at Year 2100

Water Table
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening.mxd



Drawdown (m)

- 0
- 1
- 2
- 3
- 4

- Model Boundary
- River/Creek/Channel
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

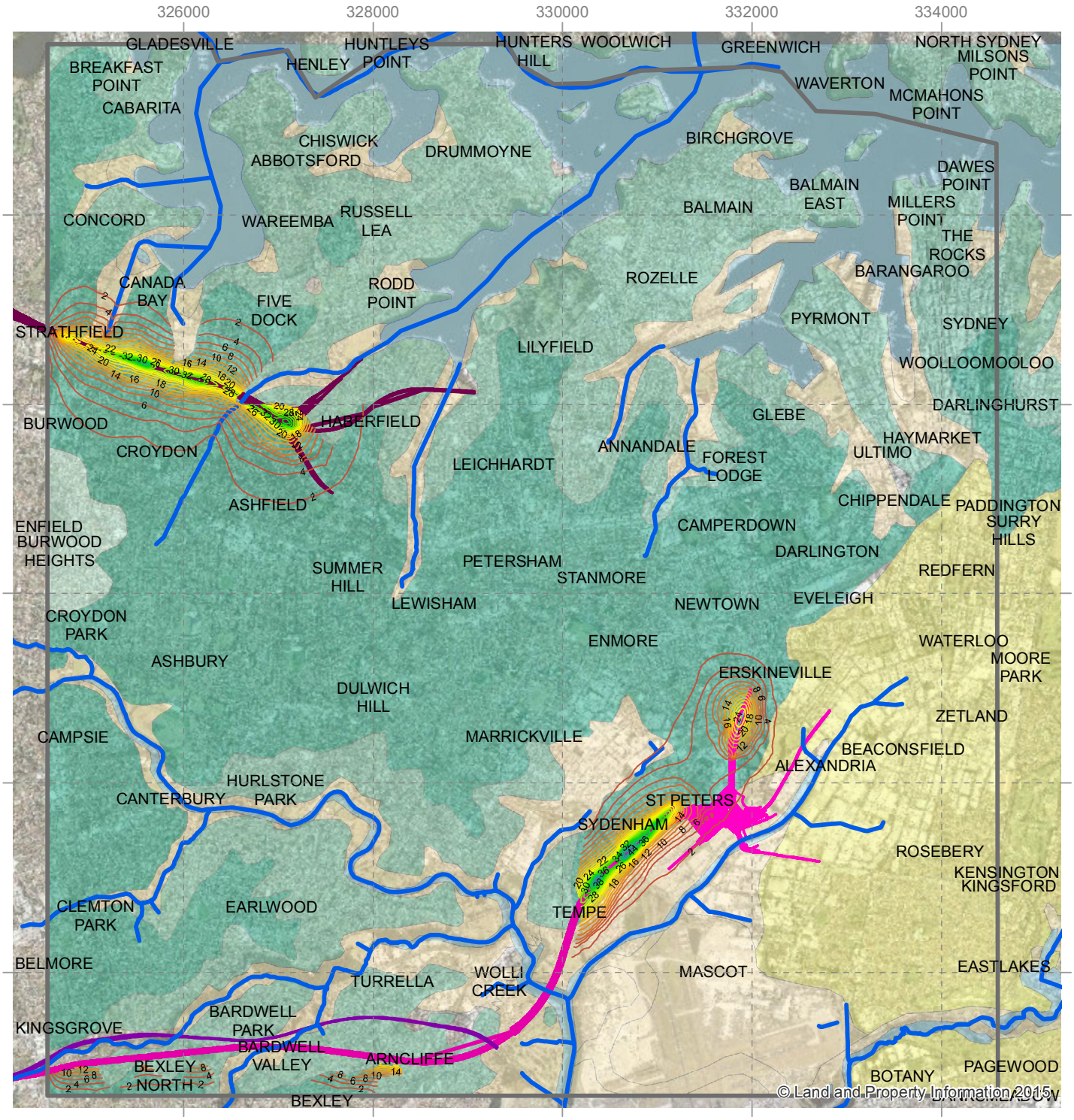
Scale: 60,000 @A4
GDA 1994 MGA Zone 56

0 0.5 1 2 3 km

WestConnex M4-M5 Link

M4 East and New M5
Unconsolidated Sediment Cumulative Drawdown
at Year 2100
Alluvium and Botany Sands - L1
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\GroundwaterLevel.mxd



Drawdown (m)

- 2 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 16
- 17 - 18
- 19 - 20
- 21 - 22
- 23 - 24
- 25 - 26
- 27 - 28
- 29 - 30
- 31 - 32
- 33 - 34
- 35 - 36
- 37 - 38
- 39 - 40
- 41 - 42
- 43 - 44
- 45 - 46
- 47 - 48
- 49 - 50
- 51 - 52
- 53 - 54
- 55 - 56

- Model Boundary
- River/Creek/Channel
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

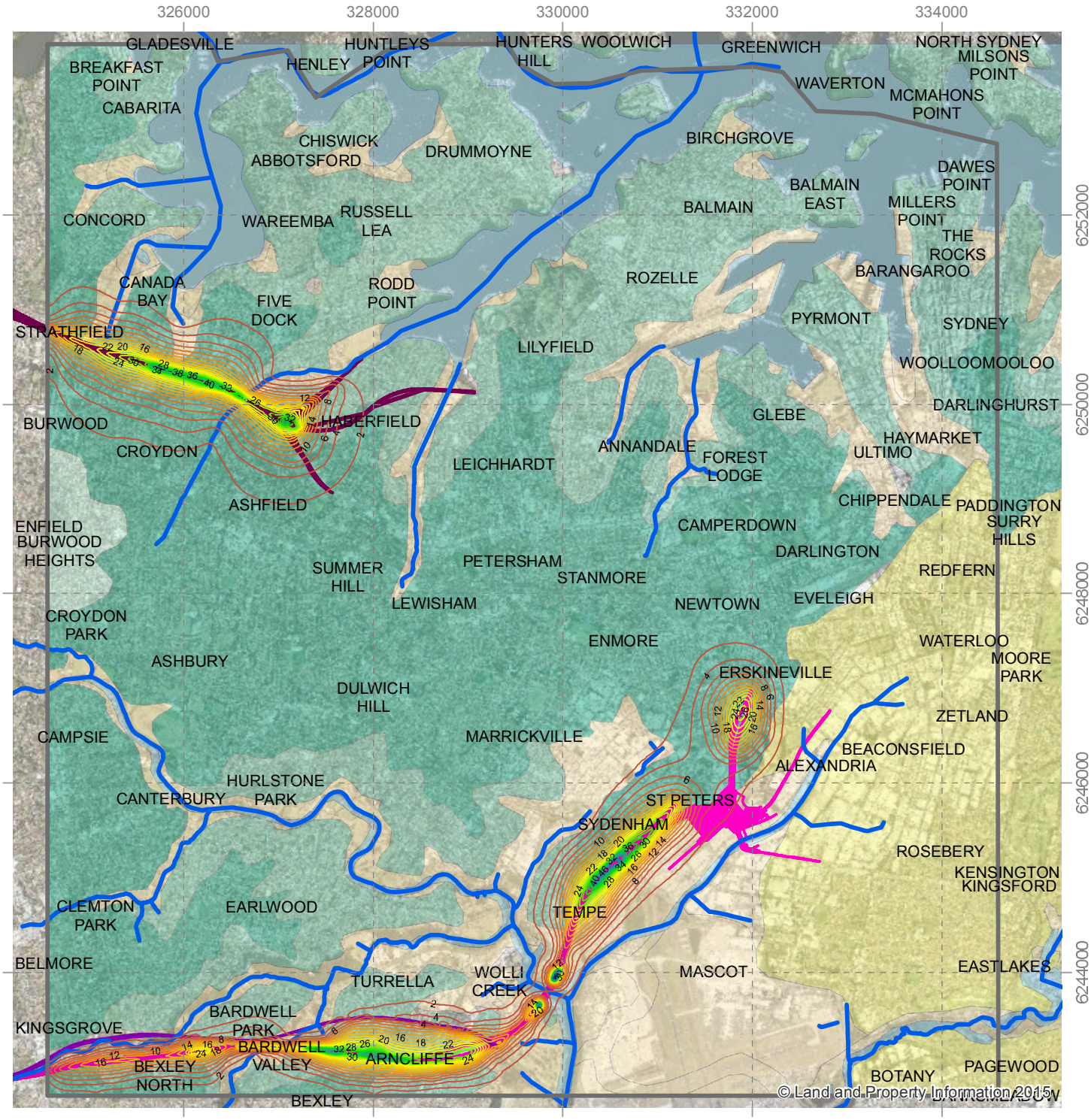
Scale: 60,000 @A4
GDA 1994 MGA Zone 56

0 0.5 1 2 3 km

WestConnex M4-M5 Link

M4 East and New M5 Cumulative Drawdown at Year 2100
Ashfield Shale - L3
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening.mxd



Drawdown (m)

- 2 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 16
- 17 - 18
- 19 - 20
- 21 - 22
- 23 - 24
- 25 - 26
- 27 - 28
- 29 - 30
- 31 - 32
- 33 - 34
- 35 - 36
- 37 - 38
- 39 - 40
- 41 - 42
- 43 - 44
- 45 - 46
- 47 - 48
- 49 - 50
- 51 - 52
- 53 - 54
- 55 - 56

- Model Boundary
- River/Creek/Channel
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

Scale: 60,000 @A4
GDA 1994 MGA Zone 56

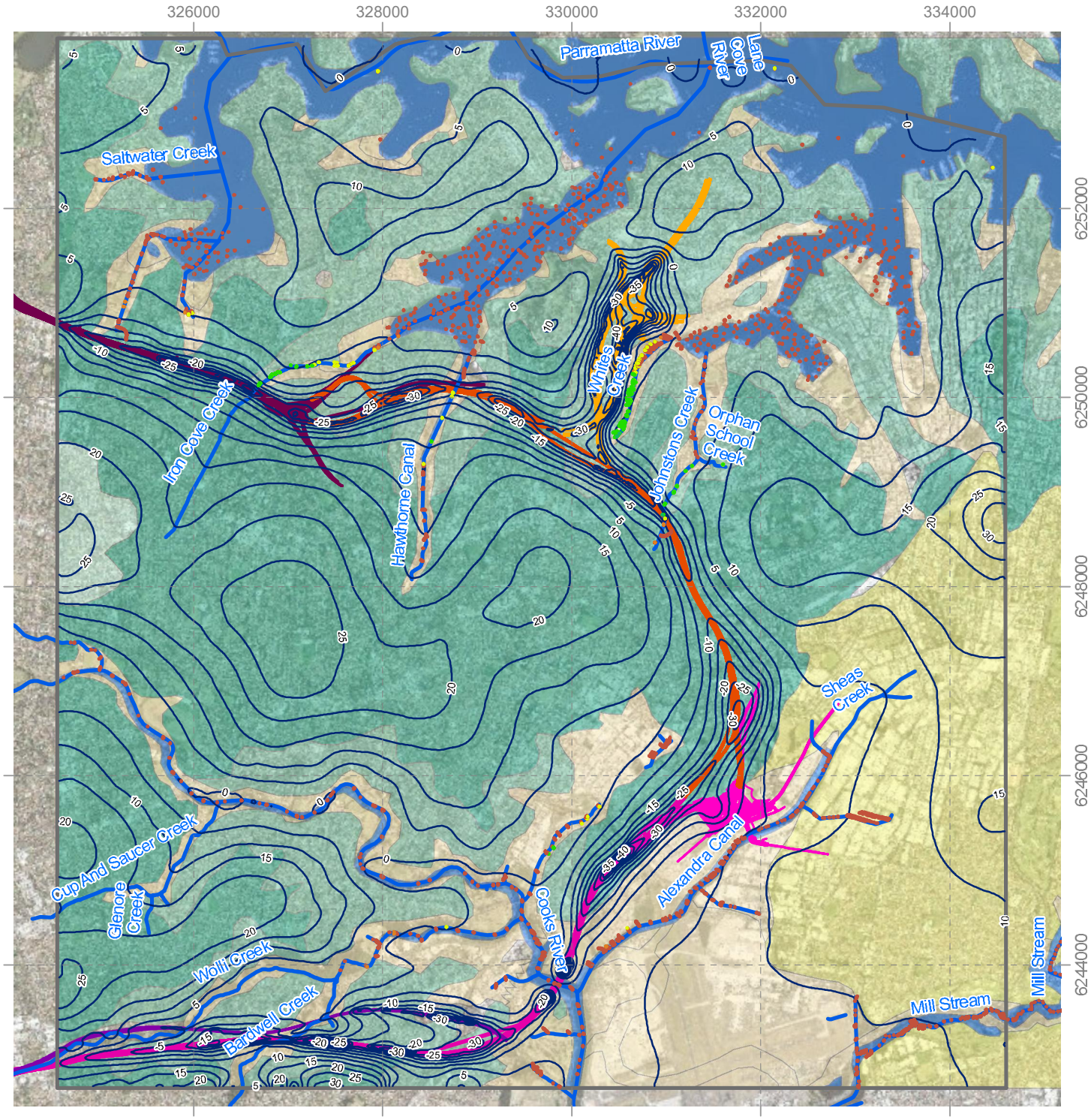
0 0.5 1 2 3 km

WestConnex M4-M5 Link

M4 East and New M5 Cumulative Drawdown at Year 2100
Hawkesbury Sandstone - L6
[Model Run TR020]

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Drawdown_Incremental_Alluvium_Opening.mxd

ANNEXURE E – FORWARD PARTICLE TRACKING FROM TIDAL WATER COURSES AT 2, 5, 10, 50, 100 AND 1000 YEARS



Layer

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- Simulated Groundwater Elevation (mAHD)

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

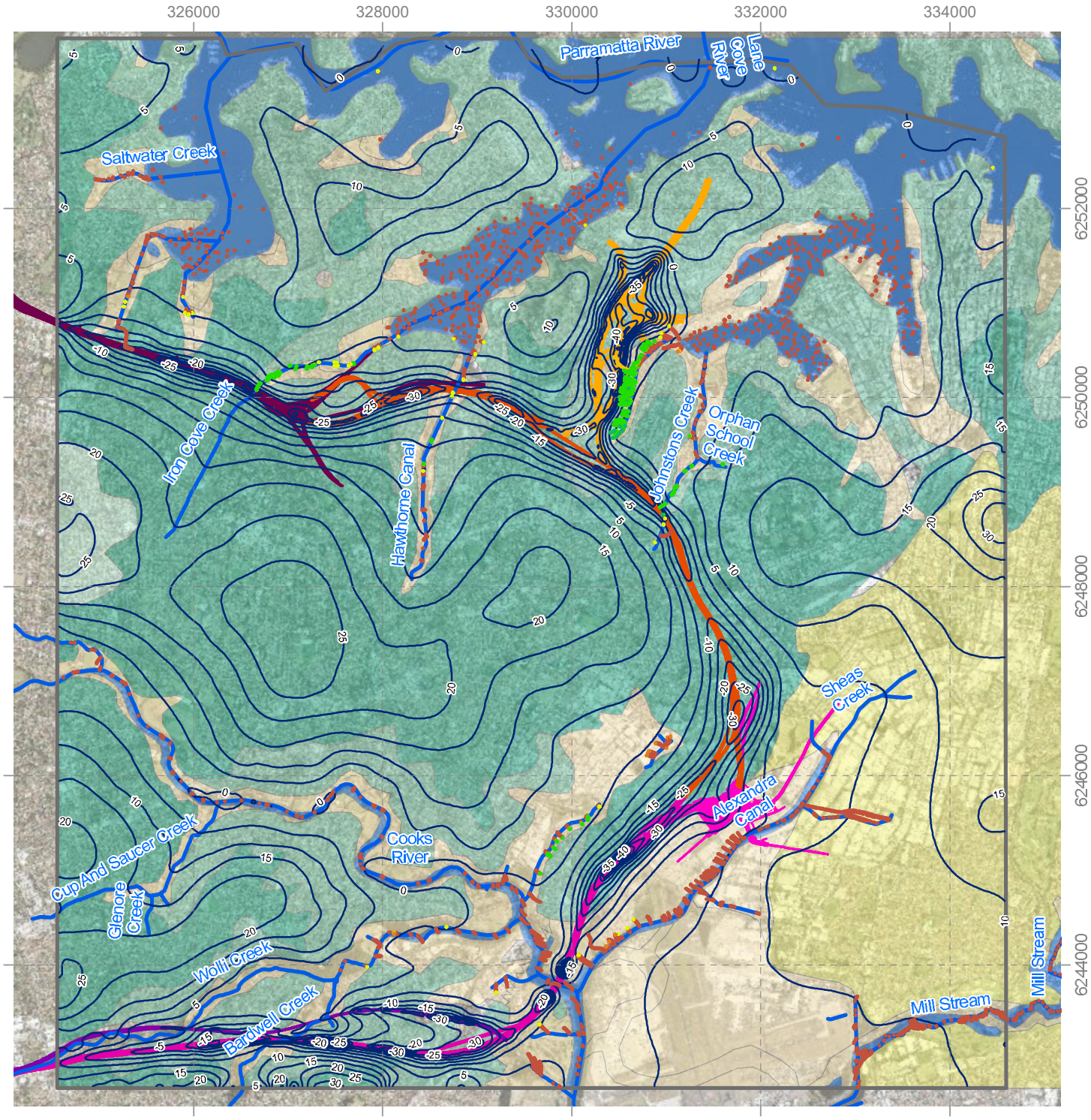
Scale: 60,000 @A4
GDA 1994 MGA Zone 56

0 0.5 1 2 3 km

WestConnex M4-M5 Link

Forward Tracking from Tidal Areas
Particle Layer
Travel Time <2yrs

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Forward_tracking_layer10.0_2yrs.mxd



Layer

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- Simulated Groundwater Elevation (mAHD)

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

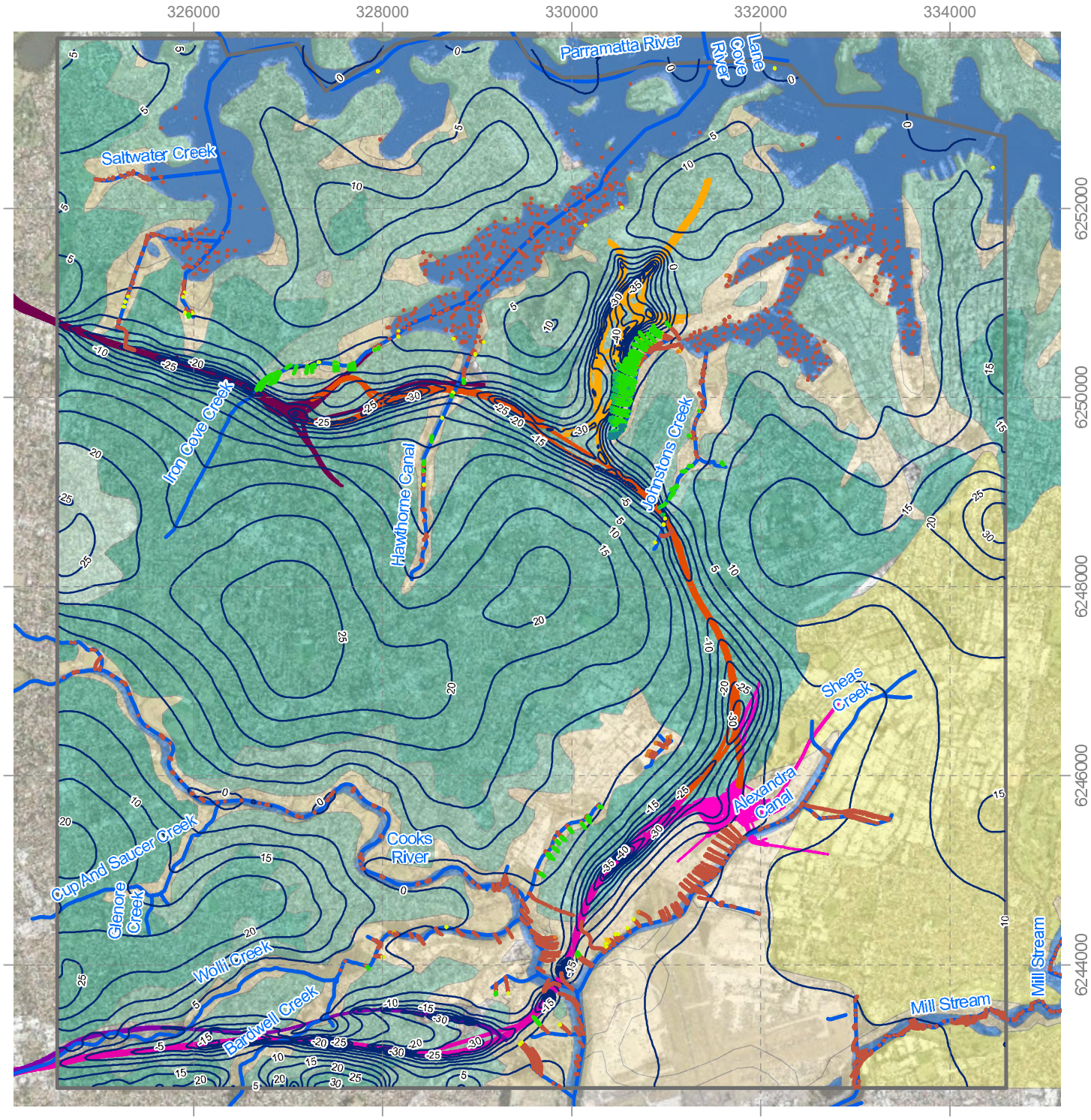
Scale: 60,000 @A4
GDA 1994 MGA Zone 56

0 0.5 1 2 3 km

WestConnex M4-M5 Link

Forward Tracking from Tidal Areas
Particle Layer
Travel Time <5yrs

X:\HYDROSIM\WESTCONNEX\GIS\Maps\Working\Forward_tracking_layer10.0_2yrs.mxd



Layer

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- Simulated Groundwater Elevation (mAHD)

- Model Boundary
- River/Creek/Channel
- Rozelle_Interchange
- M4M5_Mainline
- M5_East
- WCX New M5
- WCX M4 East

Outcrop Geology

- Alluvium
- Botany Sands
- Bringelly Shale
- Ashfield Shale
- Hawkesbury Sandstone
- Water

Scale: 60,000 @A4
GDA 1994 MGA Zone 56

0 0.5 1 2 3 km

WestConnex M4-M5 Link

Forward Tracking from Tidal Areas
Particle Layer
Travel Time <10yrs

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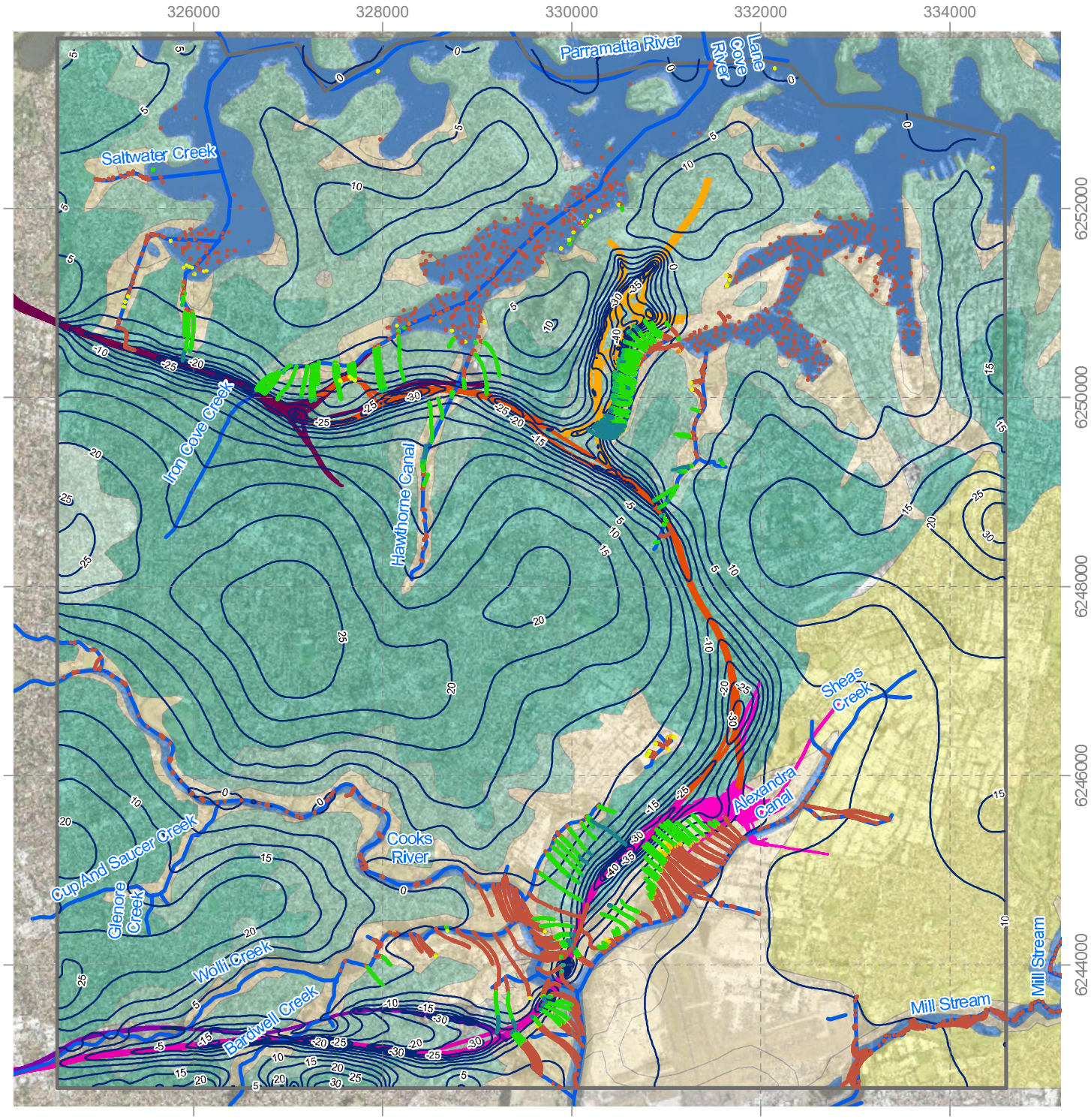

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Scale: 60,000 @A4
GDA 1994 MGA Zone 56

0 0.5 1 2 3 km

WestConnex M4-M5 Link

Forward Tracking from Tidal Areas
Particle Layer
Travel Time <50yrs

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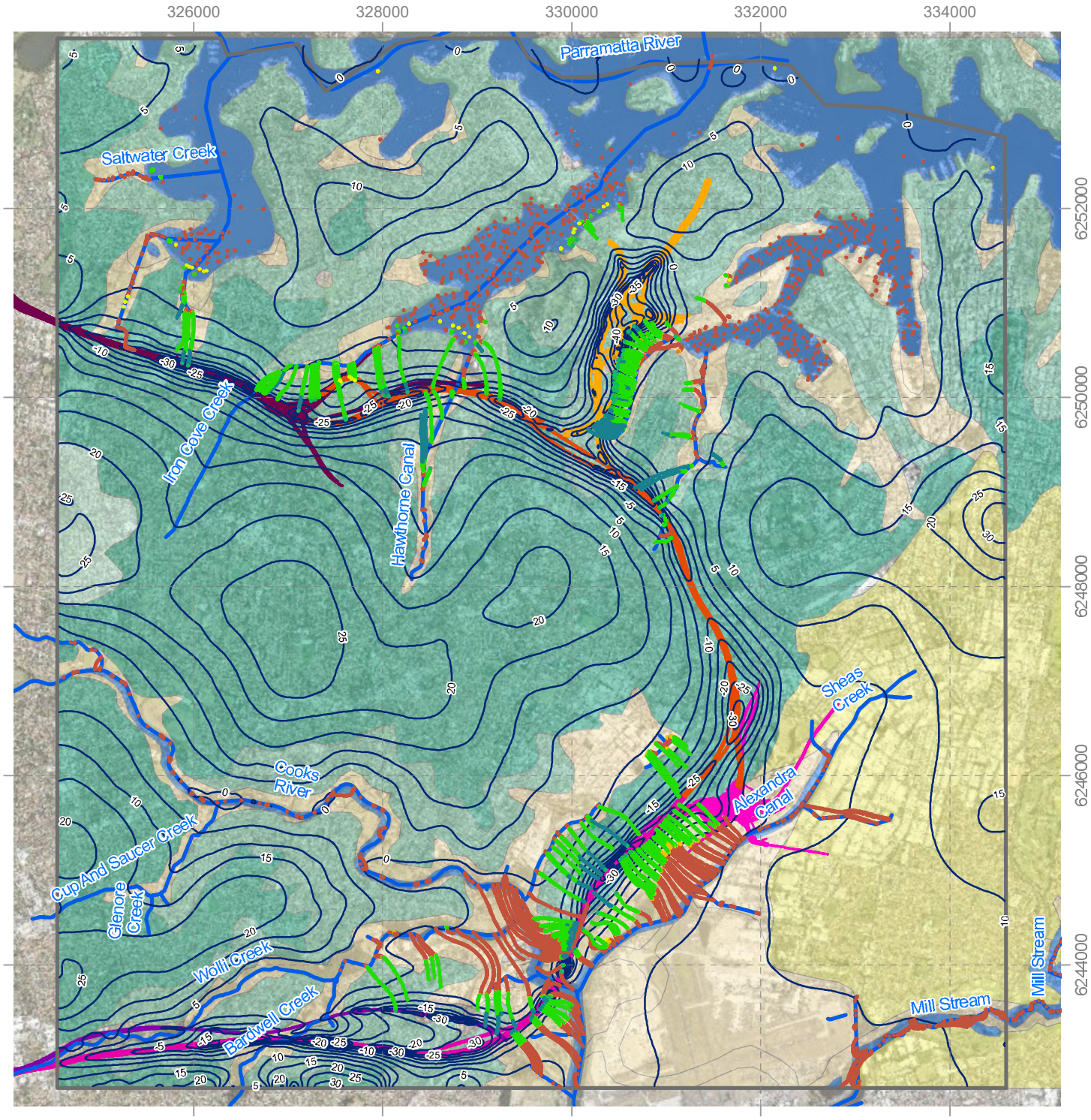

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Scale: 60,000 @A4
GDA 1994 MGA Zone 56

0 0.5 1 2 3 km

WestConnex M4-M5 Link

Forward Tracking from Tidal Areas
Particle Layer
Travel Time <100yrs

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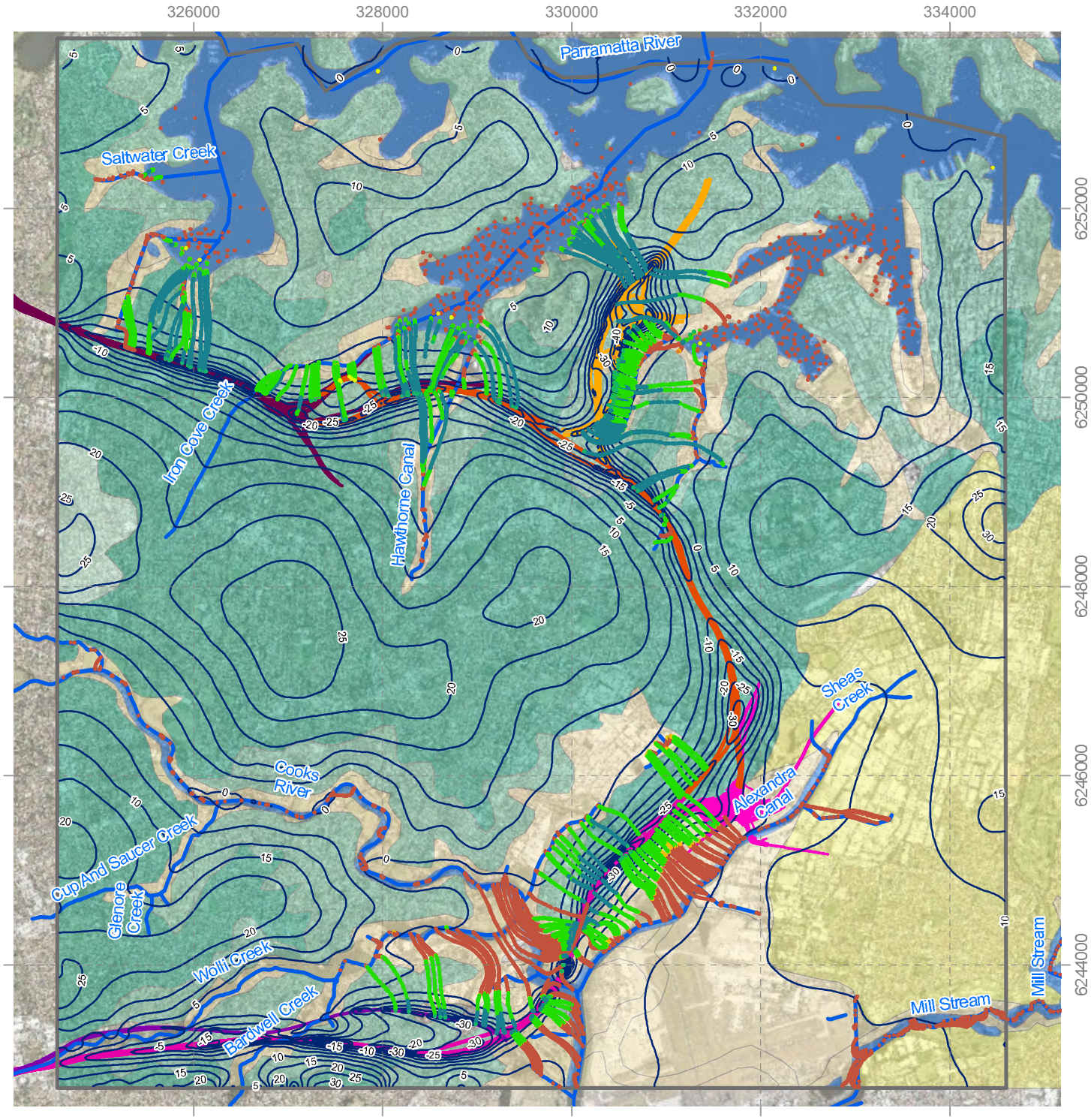

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Simulated Groundwater Elevation (mAHD)

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River/Creek/Channel

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Scale: 60,000 @A4
GDA 1994 MGA Zone 56

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WestConnex M4-M5 Link

Forward Tracking from Tidal Areas
Particle Layer
Travel Time <1000yrs

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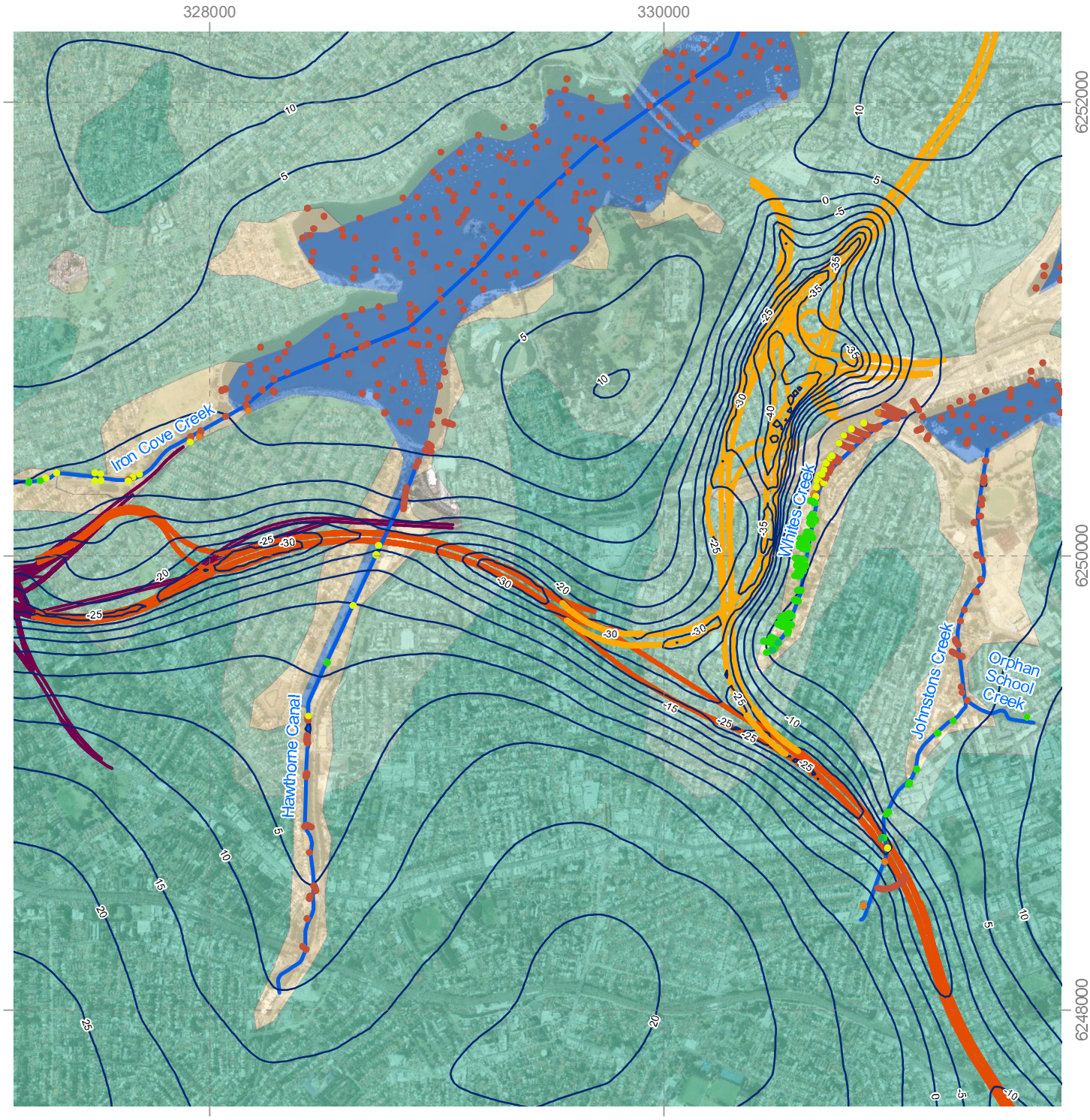

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Scale: 25,000 @A4
GDA 1994 MGA Zone 56

0 0.25 0.5 1 1.5 km

WestConnex M4-M5 Link

Forward Tracking from Tidal Areas
Particle Layer
Travel Time <2yrs

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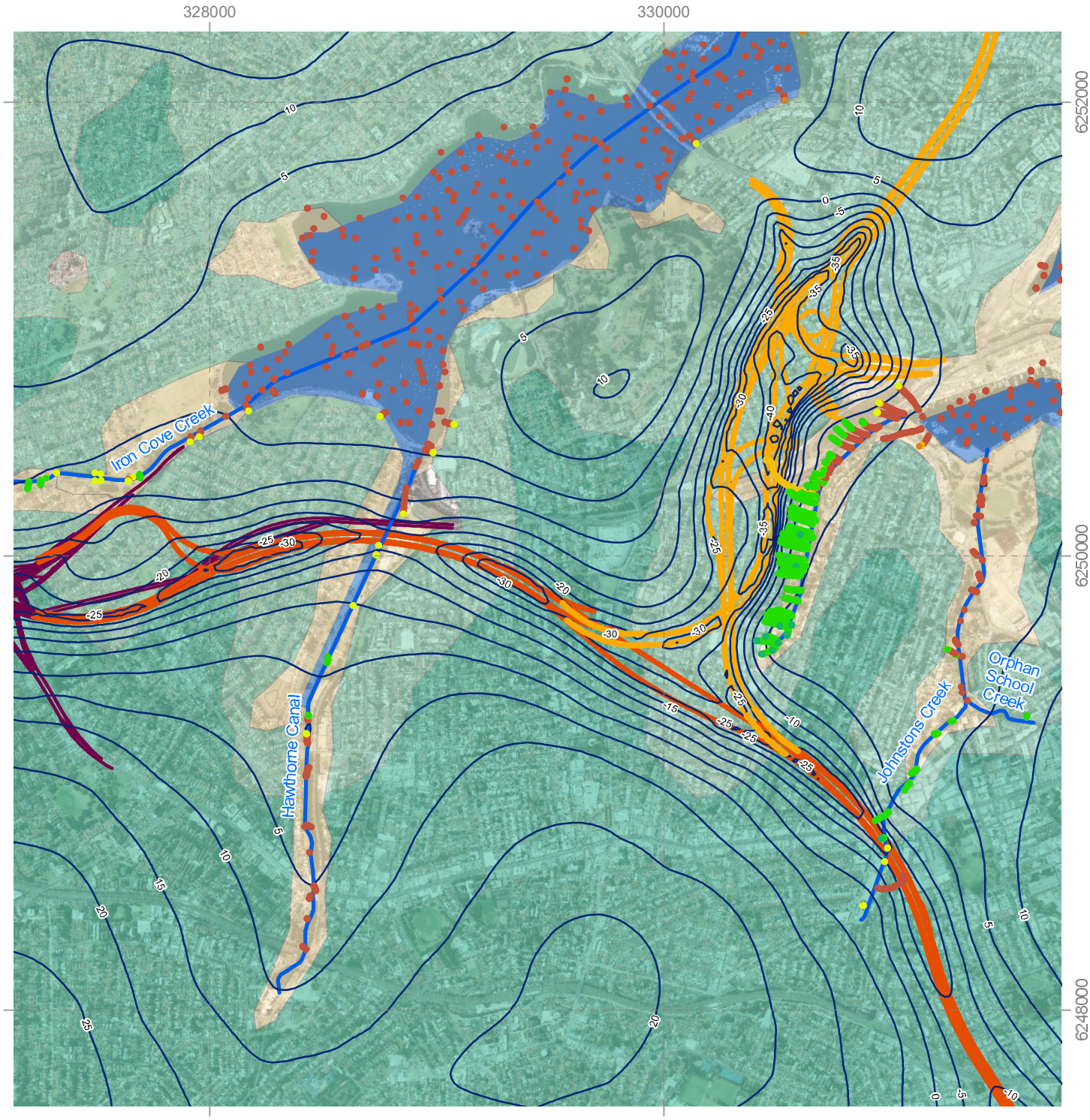

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GDA 1994 MGA Zone 56

0 0.25 0.5 1 1.5 km

WestConnex M4-M5 Link

Forward Tracking from Tidal Areas
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Travel Time <5yrs

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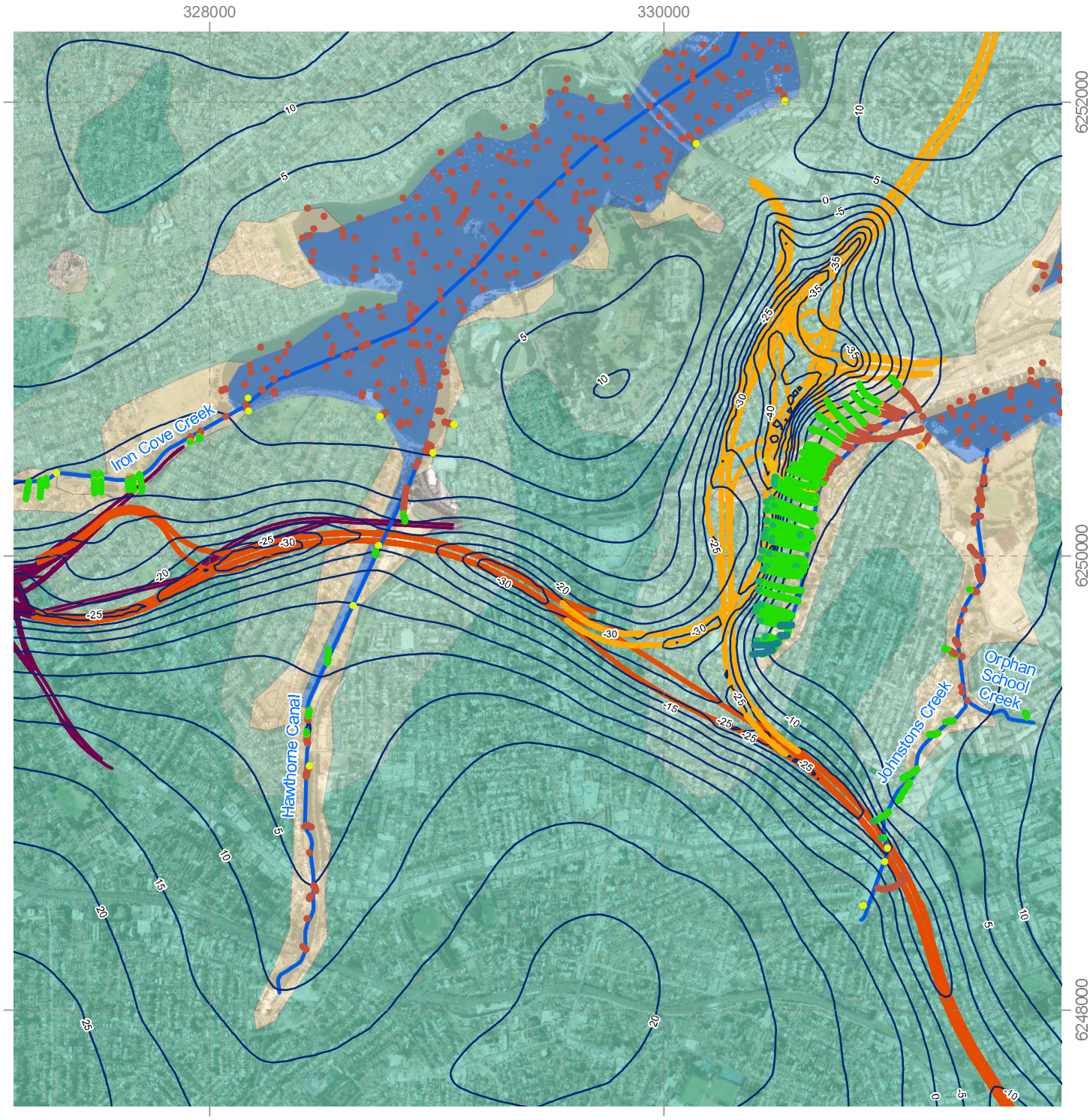

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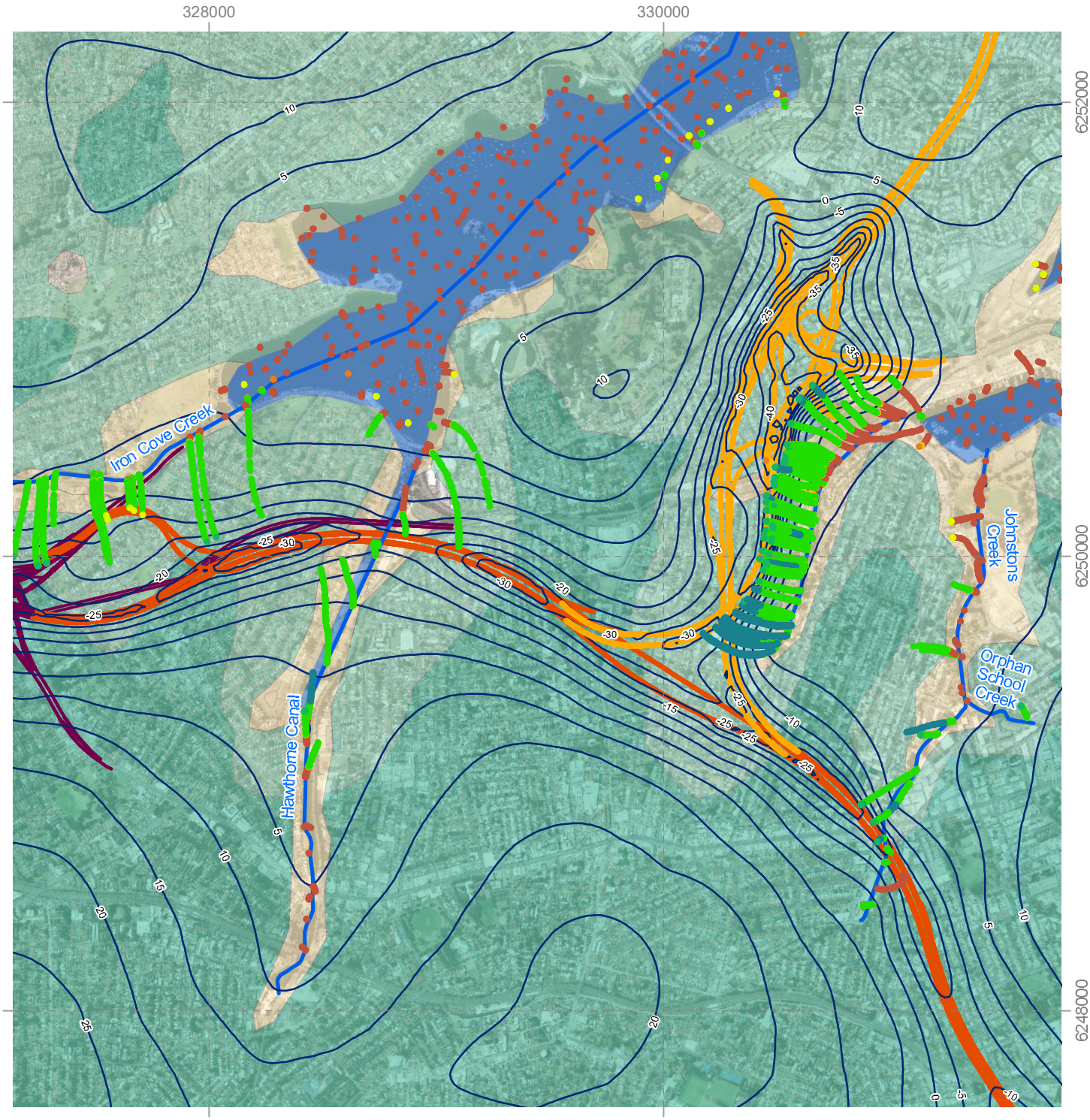

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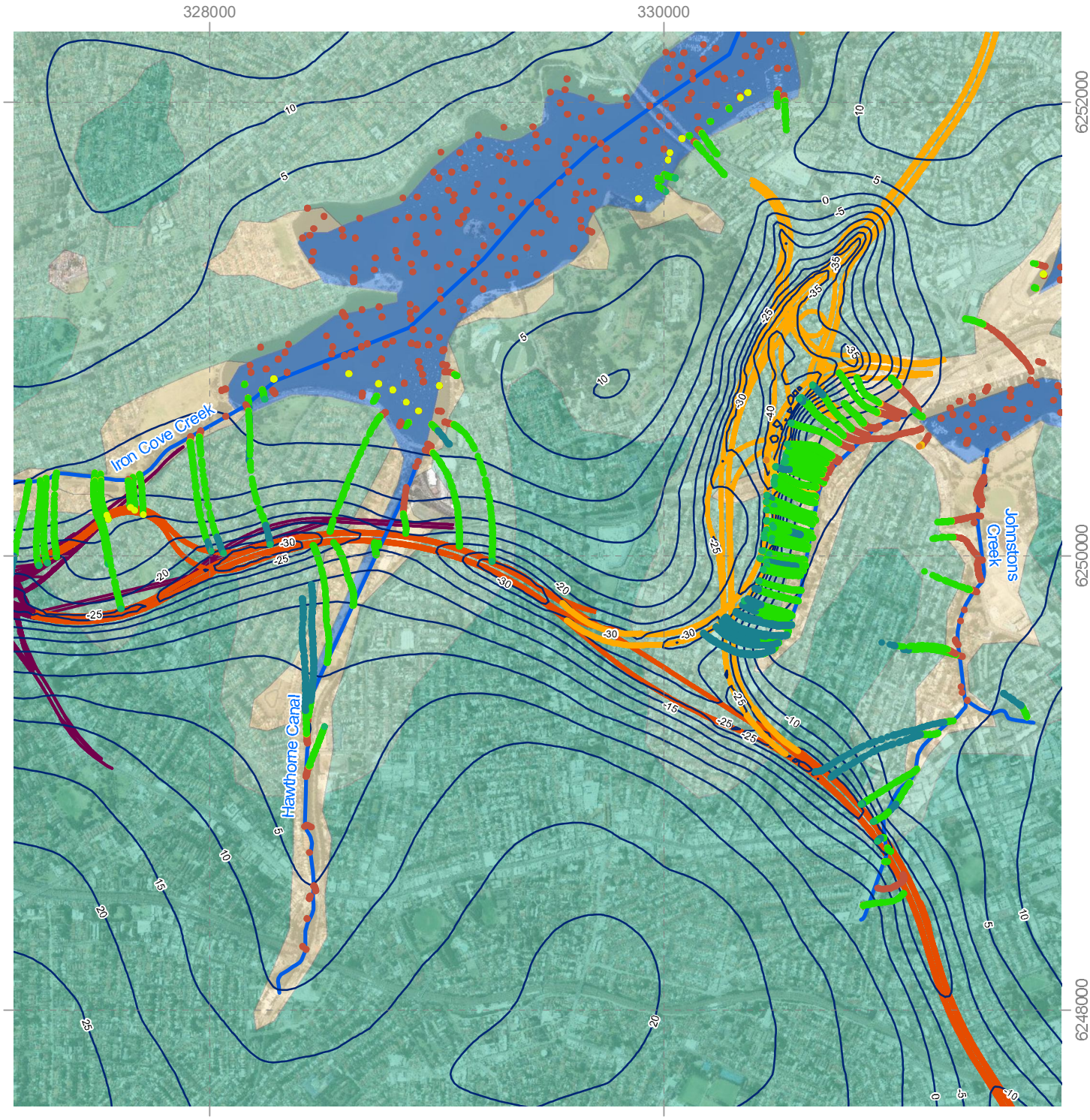

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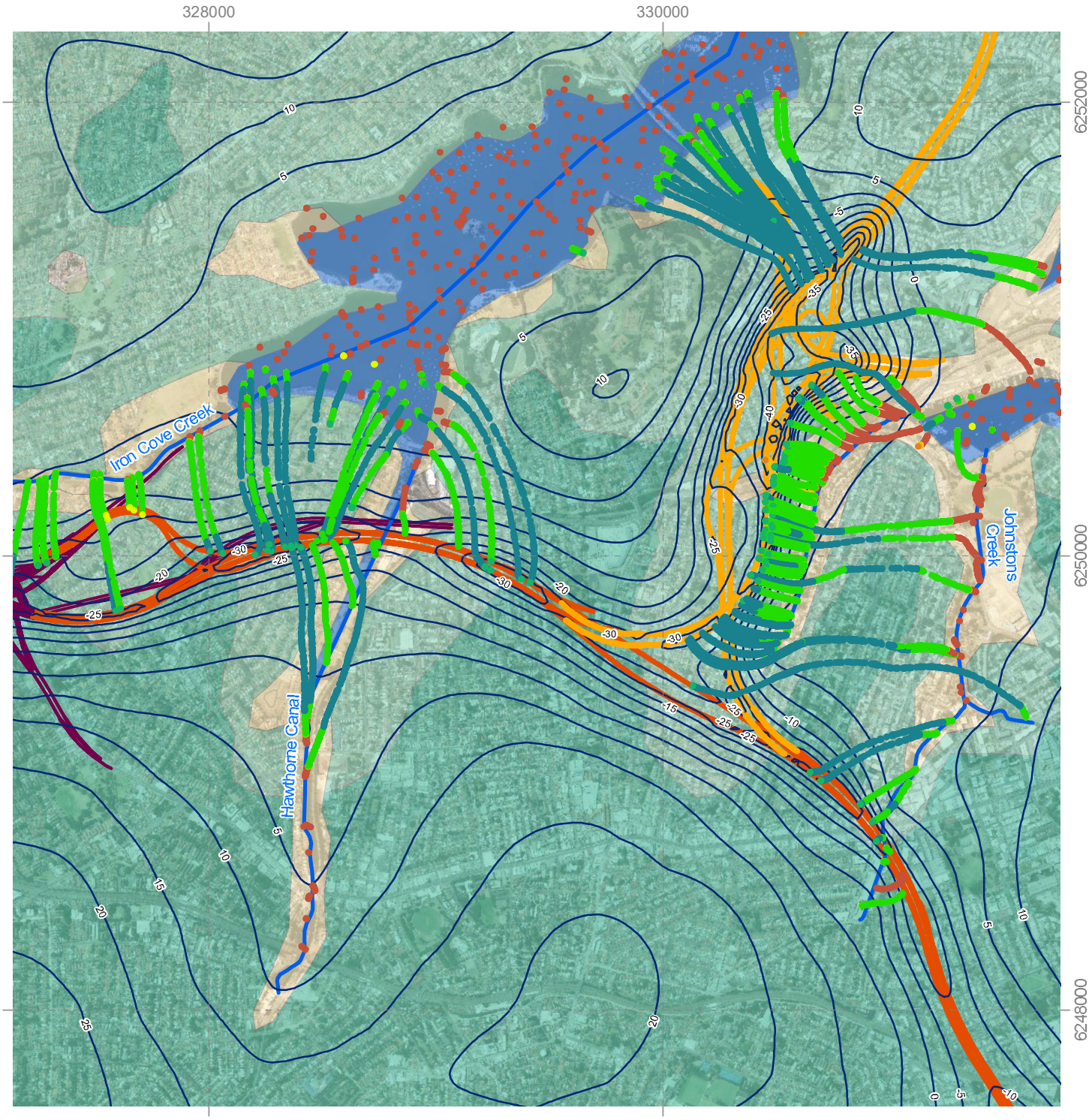

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