

Sample Number	Utmx	Utmn	EL Name	Geomorphology	Outcrop Description	Lithology	Formation	Description of sample	Sed. structure	Alteration	Cps (bkgd)	Cps (max)	Sample Number	Sample Code	Primary Colour	Grain Size	Mag-Sus	Friability
LP02B10001	391000	8570276	EL 2855	flat sloping pavement, terrace next to abutment	well jointed	sandstone	Marlgowa Sandstone	med. To fine grained, 2W, 1qvn				61	LP02B10001	B	5YR6/6		0.01	3
LP02B10002	389103	8569715	EL 2855	flat sloping pavement, terrace next to abutment	well jointed	sandstone	Marlgowa Sandstone	2O, med. to fine grained weakly ferruginous bleached sandstone	ripple marks			54	LP02B10002	B	2.5Y7/6		0.01	2
LP02B10003	390859	8573594	EL 2855	stepped pavement	well bedded, jointed fine to medium grained, cross bedded	sandstone	Marlgowa Sandstone	1OW	ripple marks/beds, cross beds			38	LP02B10003	B	2.5Y7/4		0.02	2
LP02B10004	389000	8577330	EL 2855	low small broken outcrop	3WA, few scattered pebbles	sandstone	Marlgowa Sandstone	fine to medium grained pebbly sdst, 2AI					LP02B10004	B	2.5Y6/4		0.02	2
LP02B10005	386994	8576003	EL 2855	low broken stepped pavement	2WI, weathered, fine to medium grained, mottled appearance	sandstone	Marlgowa Sandstone	fine to medium grained, 2RW,	ripple marks / beds	1her mottled		63	LP02B10005	B	2.5Y5/3		0.02	2
LP02B10006	384000	8575004	EL 2855	breakaway tors, rubble	well bedded sdst, ~10cm thick multiple beds, 1AW	sandstone	Marlgowa Sandstone	fine to med. Grained, 2FW	ripple marks / beds			43	LP02B10006	B	2.5Y7/4		1.02	2
LP02B10007	384999	8575995	EL 2855	breakaway tors, rubble	well bedded sdst, ~10cm thick multiple beds, 1AW	sandstone	Marlgowa Sandstone	fine to medium grained, 2WO, few scattered pebbles	cross beds			98	LP02B10007	B	2.5Y7/2		0.02	2
LP02B10008	383109	8576106	EL 2855	low broken terrace		sandstone	Marlgowa Sandstone	fine to medium grained 2IP		1HE		163	LP02B10008	B	2.5Y5/2		1.02	2
LP02B10009	386531	8578433	EL 2855	low stepped broken pavement	2PA, medium grained, few scattered pebbles, well bedded	sandstone	Marlgowa Sandstone	fine to medium grained				122	LP02B10009	B	2.5Y4/2		2.81	2
LP02B10010	388937	8579031	EL 2855	flat broken pavement	massive, few scattered pebbles to 4mm	sandstone	Marlgowa Sandstone	fine to medium grained, saccaroidal				94	LP02B10010	B	2.5Y6/6		11.2	2
LP02B10011	390724	8580736	EL 2855	broken platform, stepped, low mesas		sandstone	Marlgowa Sandstone	fine grained banded saccaroidal	cross beds, ripple marks / beds			95	LP02B10011	B	2.5Y7/4		0.2	2
LP02B10012	388659	8580857	EL 2855	top of mesa	well bedded, ~10cm thick multiple beds, 2NP	sandstone	Marlgowa Sandstone	saccaroidal, fine to medium grained, 2IO	ripple beds, cross beds	2 HER Mottled		69	LP02B10012	B	2.5Y7/4		3.1	2
LP02B10013	386779	8579797	EL 2855	breakaway mesas	well bedded, ~10 cm tick multiple beds, few scattered pebbles to 20mm, 2PI	sandstone	Marlgowa Sandstone	fine to medium grained, saccaroidal	cross beds, ripple beds / marks			115	LP02B10013	B	2.5Y7/4		0.53	2
LP02B10014	384840	8583632	EL 2855	flat broken rounded pavement	2AP, mottled blocks	sandstone	Marlgowa Sandstone	saccaroidal, fine to medium grained well sorted, 3W		1 CY CLAST		50	LP02B10014	B	2.5Y7/8		16.4	2
LP02B10015	383728	8584011	EL 2855	flat broken rounded pavement	2AW, mottled blocks	sandstone	Marlgowa Sandstone	fine grained saccaroidal, 2WY	ripple marks / beds			43	LP02B10015	B	2.5Y7/4		10	2
LP02B10016	372674	8585871	EL 2855	broken well dissected sdst massif / pillars	broken, well bedded, mottled, 2AB	sandstone	Marlgowa Sandstone	fine to medium grained, few pebbles to 9mm, saccaroidal	cross bedded	MOTTLED		47	LP02B10016	B	2.5Y5/6		3.02	2
LP02B10017	372932	8583902	EL 2855	flat broken water washed pavement		sandstone	Marlgowa Sandstone	fine to medium grained, saccaroidal,		1 HER BLOTCH		82	LP02B10017	B	2.5Y8/1		22.4	2
LP02B10018	368766	8581694	EL 2855	top of massif	castellated, 2IA 1B, well bedded, few pebble beds, pebbles to 25mm	sandstone	Marlgowa Sandstone	banded, medium grained 3PA, 1I	ripple beds	2 BH MOTTLING		66	LP02B10018	B	2.5Y5/1		1.06	2
LP02B10019	368928	8579527	EL 2855		well bedded, ~10 cm thick multiple beds, 1IA, few joints, flat bedded units	sandstone	Marlgowa Sandstone	2O, fine grained saccaroidal	ripble beds , cross beds			57	LP02B10019	B	2.5Y7/6		1.47	2
LP02B10020	368972	8577726	EL 2855	low rounded o/c	massive few scattered pebbles to 20mm, mottled	sandstone	Marlgowa Sandstone	2YO, fine grained sdst, saccaroidal	cross beds	mottled		41	LP02B10020	B	2.5Y7/4		7.27	2
LP02B10021	362545	8571789	EL 2855	low flat pavement	2BA, pavement, few joints	sandstone	Marlgowa Sandstone	2OW, fine grained saccaroidal	cross beds			3	LP02B10021	B	2.5Y8/6		0.6	2
LP02B10022	363857	8569723	EL 2855	low mesas on flat pavement	2A, well bedded, ~10cm thick multiple beds, flat and cross bedded units, few scattered pebbles to 20mm	sandstone	Marlgowa Sandstone	fine to medium grained saccaroidal 3W	ripple marks / beds, cross beds	1 hem blotch		1	LP02B10022	B	2.5Y7/3		0	2
LP02B10023	365641	8565803	EL 2855	low castellated mesas	2IF, massive flat beds ~0.5m thick	sandstone	Marlgowa Sandstone	2O, fine to medium grained saccaroidal				35	LP02B10023	B	2.5Y6/3		0.01	2
LP02B10024	375830	8575703	EL 2855	flat topped massif, weak castellations	well bedded, ~10 cm thick multiple beds, 2PA, weak castellations, flat bedded units	sandstone	Marlgowa Sandstone	3PA, 2I, fine grained saccaroidal, pebbles to 3mm	ripple beds	mottled		54	LP02B10024	B	2.5Y5/1		0.01	2
LP02B10025	374071	8575771	EL 2855	flat bedded massif	flat bedded, 3PA, ~10 cm thick multiple beds, well castellated	sandstone	Marlgowa Sandstone	fine grained saccaroidal, pebbles to 3mm	ripple beds			62	LP02B10025	B	2.5Y4/3		0.01	2
LP02B10026	375915	8573692	EL 2855	flat bedded massif	flat bedded, 2A, ~10 cm thick multiple beds, well castellated, weak jointing	sandstone	Marlgowa Sandstone	fine grained saccaroidal sandstone	ripple beds			70	LP02B10026	B	2.5Y8/4		0.01	2
LP02B10027	377948	8573857	EL 2855		2A, ~10 cm thick multiple beds, broken, well castellated, weak jointing	sandstone	Marlgowa Sandstone	fine to medium grained sandstone	ripple marks / beds, cross beds	2 bh mottling		63	LP02B10027	B	2.5Y7/6		0.01	2
LP02B10028	377723	8571767	EL 2855	low flat terrace, broken rounded	rounded, 3AW	sandstone	Marlgowa Sandstone	fine to medium grained sandstone		3 bh perv, 1 hem blotch		56	LP02B10028	B	2.5Y5/6		0.01	2
LP02B10029	375785	8571870	EL 2855	terrace, broken pavement, rounded	2AP, 2A, well bedded, ~10cm thick multiple beds, flat and cross bedded units, few scattered pebbles to 15mm	sandstone	Marlgowa Sandstone	fine to medium grained sandstone				47	LP02B10029	B	2.5Y6/1		0.02	2
LP02B10030	373722	8571866	EL 2855	terrace, broken pavement, rounded	2BA, broken, ~10cm thick multiple beds	sandstone	Marlgowa Sandstone	fine to medium grained sandstone	ripple beds	1 hem blotch		52	LP02B10030	B	2.5Y8/4		0	2
LP02B10031	371795	8571866	EL 2855	small outliers, tors	3AI, ~10cm thick multiple beds	sandstone	Marlgowa Sandstone	fine grained saccaroidal sandstone	ripple beds	1hem blotch		41	LP02B10031	B	2.5Y7/4		0.01	2
LP02B10032	370763	8571948	EL 2855	flat pavement	~10cm thick multiple beds, 2A	sandstone	Marlgowa Sandstone	fine grained sandstone	cross beds, ripple marks / beds			58	LP02B10032	B	5YR6/8		0	2
LP02B10033	369857	8571831	EL 2855	terrace pavement edge, broken blocks	blocks, 2IA, ~10cm thick multiple beds	sandstone	Marlgowa Sandstone	fine grained sandstone	ripple beds, cross beds	1 hem blotch		45	LP02B10033	B	5YR6/4		0.02	2
LP02B10034	369800	8570970	EL 2855	scattered outliers / tors/ mesas	flat bedded, 2IA, well bedded, ~10cm thick multiple beds	sandstone	Marlgowa Sandstone	fine grained sandstone	ripple beds, cross beds	2 hem blotch		82	LP02B10034	B	5YR6/8		0.02	2
LP02B10035	370797	8570749	EL 2855	edge of massif terrace	well bedded, ~10cm thick multiple beds, 2AI, flat bedding	sandstone	Marlgowa Sandstone	fine grained sandstone		2 hem blotch, 2 bh mottling		48	LP02B10035	B	5YR6/3		0.01	2
LP02B10036	372287	8569448	EL 2855	terrace on edge of abutment	well bedded, ~10cm thick multiple beds, 2A, flat bedding	sandstone	Marlgowa Sandstone	fine grained sandstone	ripple beds, cross beds	2bh perv, 2 hem blotch			LP02B10036	B	5YR6/8		0.01	2
LP02B10037	369793	8569895	EL 2855	massive pavement	2IA, flat bedded, massive	sandstone	Marlgowa Sandstone	fine grained sandstone		1hem blotch		80	LP02B10037	B	5YR6/6		0	2
LP02B10038	364726	8585721	EL 2855	top of massif	2AP, flat bedded, well bedded, ~10cm thick multiple beds, few scattered pebbles	sandstone	Marlgowa Sandstone	fine grained saccaroidal sandstone	ripple beds	2bh mottling, 1 hem blotch		51	LP02B10038	B	2.5Y5/1		0	2
LP02B10039	363929	8585718	EL 2855	highly weathered pillars	3AP, well bedded, ~10cm thick multiple beds	sandstone	Marlgowa Sandstone	fine grained saccaroidal sandstone		2qzd vug, 3bh perv		74	LP02B10039	B	5YR7/1		0.01	2
LP02B10040	362755	8585585	EL 2855	mesas and pillars	well bedded, ~10cm thick multiple beds, 2AP, flat bedding	sandstone	Marlgowa Sandstone	fine grained saccaroidal sandstone	ripple beds, cross beds	2 hem blotch, 1 cy pits		56	LP02B10040	B	5YR6/6		0.02	2
LP02B10041	361891	8577858	EL 2855	gully between abutments	3A, flat bedding	sandstone	Marlgowa Sandstone	fine grained saccaroidal sandstone	cross bed			44	LP02B10041	B	5YR7/4		0.01	2
LP02B10042	361834	8576862	EL 2855	low broken rounded tors / pillars	weakly castellated, well bedded, ~10cm thick multiple beds, 3A, flat bedding	sandstone	Marlgowa Sandstone	fine to medium grained sandstone	cross bed			46	LP02B10042	B	5YR8/2		0	2
LP02B10043	360736	8575815	EL 2855	blocky broken tors / pillars	2WA blocky	sandstone	Marlgowa Sandstone	fine to medium grained sandstone		2qzd vug, 2sil patch		38	LP02B10043	B	2.5Y7/6		0	2
LP02B10044	359014	8585824	EL 2855	broken well dissected low mesas / pillars	well castellated, flat bedded, 2AI	sandstone	Marlgowa Sandstone	fine to medium grained sandstone		1 hem blotch, 2bh perv		56	LP02B10044	B	5YR5/1		0.01	2
LP02B10045	357660	8585758	EL 2855	well dissected broken mesa	3AY, well bedded, broken, flat bedded	sandstone	Marlgowa Sandstone	fine grained sandstone	cross beds	2bh perv, 2hem blotch		52	LP02B10045	B	5YR8/4		0.02	2
LP02B10046	356945	8585989	EL 2855	broken low pavement	broken 2A, flat bedding	sandstone	Marlgowa Sandstone	fine to medium grained sandstone	cross beds			70	LP02B10046	B	5YR8/2		0.02	2
LP02B10047	350852	8585981	EL 2855	top of mesa	3W,	sandstone	Marlgowa Sandstone	fine to medium grained sandstone	ripple beds	3 bh perv		11	LP02B10047	B	2.5YR6/8		0.01	2
LP02B10048	350800	8583798	EL 2855	edge of terrace, broken	2WA	sandstone	Marlgowa Sandstone	fine to medium grained sandstone		2 bh perv, 1hem blotch, 1qzd vug		53	LP02B10048	B	5YR7/8		0.01	3
LP02B10049	350767	8581829	EL 2855	flat pavement at base of cliff	pavement , flat bedding, 2AI	sandstone	Marlgowa Sandstone	fine to medium grained sandstone	ripple beds			67	LP02B10049	B	2.5YR6/8		0.01	2
LP02B10050	349384	8582583	EL 2855	small low catsellated mesas on platform	well castellated, 2A, well bedded, few scattered pebbles to 50mm	sandstone	Marlgowa Sandstone	fine to medium grained sandstone	cross beds	2CYD VUG		86	LP02B10050	B	2.5YR8/2		0.01	3
LP02B10051	349365	8583453	EL 2855	broken o/c on top of mesa	2AI, broken blocks, massive sdst	sandstone	Marlgowa Sandstone	fine to medium grained sandstone	cross beds	1SIL PERV, 1HEM BLOTCH		89	LP02B10051	B	2.5YR8/3		0	1
LP02B10052	349277	8584337	EL 2855	top of abutment	flat well bedded, 2IA, few scattered pebbles to 20mm	sandstone	Marlgowa Sandstone	fine grained sandstone	ripple beds, channel beds			67	LP02B10052	B	2.5YR7/6		0.01	2
LP02B10053	349459	8585233	EL 2855	top of abutment	2IA, flat well bedded, few scattered pebbles to 20mm	sandstone	Marlgowa Sandstone	fine grained sandstone	ripple beds, cross beds	1HEM BLOTCH/MOTTLING		61	LP02B10053	B	2.5YR2/6		0.01	2
LP02B10054	348987	8584716	EL 2855	flat platform		sandstone	Marlgowa Sandstone	fine grained sandstone	cross beds	1SIL PERV		84	LP02B10054	B	2.5YR7/8		0.01	2
LP02B10055	348867	8583828	EL 2855	flat platform	flat bedded, few scattered pebbles to 30mm, 2AF	sandstone	Marlgowa Sandstone	fine grained sandstone	ripple beds			43	LP02B10055	B	2.5YR8/2		0.01	2
LP02B10056	358963	8581805	EL 2855	top of mesa	flat bedded, well bedded, pebble neds, pebbles to 53mm, 1AP	sandstone	Marlgowa Sandstone	fine grained sandstone	cross beds			78	LP02B10056	B	2.5YR4/2		0.01	2
LP02B10057	356713	8579865	EL 2855	low rounded small tors	3AW	sandstone	Marlgowa Sandstone	2WI, fine to medium grained		1SIL BN, 1QZD VUG, 1 HER SELV, 1QZV VN, 1 HEM BLOTCH		78	LP02B10057	B	2.5YR8/3		0	1
LP02B10058	357854	8579928	EL 2855	low rounded small tors	3AW	sandstone	Marlgowa Sandstone	2WY, fine to medium grained, WEATHERED		1SIL BN, 1QZD VUG, 1 HER SELV, 1QZV VN, 1 HEM		60	LP02B10058	B	2.5YR7/8		0.01	2
LP02B10059	357889	8578926	EL 2855	rounded tors on platform	2AW	sandstone	Marlgowa Sandstone	3WA, fine to medium grained sdst	cross beds	1HER JOINT		55	LP02B10059	B	2.5YR7/3		0.01	2
LP02W10059	357889	8578926	EL 2855	rounded tors on platform	2AW	sandstone	Marlgowa Sandstone	hemattic joint fill material	cross beds	1HER JOINT		55	LP02W10059	W				
LP02B10060	358154	8578012	EL 2855	low flat outcrop	2AW	sandstone	Marlgowa Sandstone	fine to medium grained sdst	cross beds	1HEM BLOTCH, 1QZD VUG, 1HER PATCH		57	LP02B10060	B	10YR7/8		0.04	2
LP02B10061	358883	8577811	EL 2855	terrace	broken, blocky, 3AW,	sandstone	Marlgowa Sandstone	fine to medium grained sdst	cross beds	1 HER PATCH, 2BH PERV, 1QZD VUG		58	LP02B10061	B	2.5YR7/8		0	3
LP02B10062	358998	8578957	EL 2855	small broken tors on platform	2IA,	sandstone	Marlgowa Sandstone	fine to medium grained sdst	cross beds	1 HEM BLOTCH, 1QZD VUG, 1 HE SELVEDGE,		72	LP02B10062	B	2.5YR8/4		0.01	2
LP02B10063	359001	8579825	EL 2855	terrace,	broken, blocky, 3PA, 2AY, Mottled	sandstone	Marlgowa Sandstone	fine grained, 2PY				69	LP02B10063	B	2.5YR5/2		0	2
LP02B10064	358938	8580858	EL 2855	side of terrace	2AI	sandstone	Marlgowa Sandstone	fine grained sandstone				63	LP02B10064	B	2.5YR5/8		0	2