

ATTACHMENT A

External boundary description

The application area covers all the land and waters within the external boundary described as:

Commencing on a western boundary of Reserve 31429 (Mungaroona Range Nature Reserve) at Latitude 21.336910° South and extending generally easterly passing through the following coordinate points:

Longitude (East)	Latitude (South)
118.070789	21.336941
118.071672	21.336963
118.073557	21.336698
118.074556	21.336515
118.076545	21.336460
118.077539	21.336485
118.078418	21.336610
118.079292	21.336943
118.081055	21.337089
118.082048	21.337114
118.082934	21.337032
118.083817	21.337054
118.085037	21.336876
118.086033	21.336797
118.089027	21.336352
118.090026	21.336169
118.091795	21.336109
118.094438	21.336381
118.095317	21.336506
118.097292	21.336969
118.098500	21.337206
118.099490	21.337334
118.100588	21.337568
118.103780	21.337957
118.105760	21.338212
118.107738	21.338572
118.108615	21.338800
118.109605	21.338928
118.110811	21.339268
118.112019	21.339505
118.112896	21.339734
118.114655	21.339984
118.116749	21.340139
118.119502	21.340413
118.120383	21.340538
118.121486	21.340565
118.122363	21.340794
118.124123	21.341044
118.126106	21.341196
118.127100	21.341220
118.128311	21.341353
118.129408	21.341587
118.130512	21.341613



Longitude (East)	Latitude (South)
118.133373	21.341994
118.135240	21.342350
118.137105	21.342810
118.138199	21.343147
118.139187	21.343379
118.140529	21.343980

Then again easterly to a corner of that reserve (at approximate Longitude 118.146480° East, Latitude 21.345163° South) being also a point on the eastern boundary of Native Title Determination WAD6017/1996 Ngarluma / Yindjibarndi (WCD2005/001); then westerly, generally south easterly and generally south westerly along boundaries of that native title determination (specifically excluding Reserve 12260) to a point on the northern escarpment of the Hamersley Ranges at approximate Longitude 117.903567° East, further described as:

Extending westerly and generally south easterly along boundaries of that reserve to an eastern corner (approximate Latitude 21.809846° South); then westerly through coordinate points at Longitude 118.422139° East, Latitude 21.813716° South and Longitude 118.301556° East, Latitude 21.817967° South to a western corner of Hooley Pastoral Lease (N050568) (at approximate Latitude 21.827702° South); then westerly and southerly along boundaries of that that pastoral lease to a northern boundary of Reserve 5515; then southerly along the eastern boundary of that reserve and again a western boundary of Hooley Pastoral Lease (N050568) to a western corner of that pastoral lease and onwards to a point at Longitude 118.020315° East, Latitude 21.955976° South; then generally westerly toward a south-eastern corner of Coolawanyah Pastoral Lease (N049532) until its intersection with Longitude 117.903567° East (being a point on the northern escarpment of the Hamersley Range).

Then generally north westerly and generally south westerly along the northern escarpment, further described as passing (approximately) through the following coordinate points;

Longitude (East)	Latitude (South)
117.903161	21.955758
117.899538	21.954630
117.893500	21.951239
117.889877	21.951244
117.883838	21.951818
117.880215	21.954089

Then south to again a point on the southern boundary of Native Title Determination WAD6017/1996 Ngarluma / Yindjibarndi at Latitude 21.956170° South; then westerly along that determination boundary (being a line joining Longitude 118.020315° East, Latitude 21.955979° South and a south eastern corner of Coolawanyah Pastoral Lease (N049532)) until its intersection again with the



northern escarpment of the Hamersley Range at approximately Longitude 117.866131° East; then generally north westerly and generally south westerly along the northern escarpment, further described as passing (approximately) through the following coordinate points;

Longitude (East)	Latitude (South)
117.862100	21.952414
117.860893	21.950150
117.856062	21.949023
117.848816	21.947900
117.843381	21.943375
117.848212	21.939970
117.848212	21.938837
117.841569	21.935447
117.834323	21.934324
117.828285	21.934899
117.818624	21.936044
117.807755	21.934360
117.799301	21.930972
117.796710	21.930165
117.792055	21.928716
117.787224	21.930422
117.787224	21.936086
117.787225	21.937219
117.790244	21.940614
117.796282	21.945138
117.796710	21.946742
117.797490	21.949668
117.796710	21.949852
117.792660	21.950807
117.790848	21.947977
117.788433	21.945714
117.786017	21.943452
117.783602	21.942322
117.778771	21.941196
117.775148	21.938935
117.771525	21.936674
117.770317	21.936675
117.765487	21.936682
117.758936	21.936799
117.752061	21.939097
117.753503	21.943776
117.752394	21.948250

Then southerly to again a point on the southern boundary of Native Title Determination WAD6017/1996 Ngarluma / Yindjibarndi, also being a point on a southern boundary of Coolawanyah Pastoral Lease (N049532) at Longitude 117.751350° East; then westerly along that native title determination boundary and that pastoral lease to a south-eastern corner of that pastoral lease; then again westerly along that native title determination boundary toward a point at Longitude 117.494065° East, Latitude 21.955893° South until its intersection with Longitude

117.568936° East (being a point on the northern escarpment of the Hamersley Range); then generally north-westerly along the northern escarpment, further described as passing (approximately) through the following coordinate points;

Longitude (East)	Latitude (South)
117.563203	21.952812
117.558373	21.952819
117.547504	21.946036
117.540257	21.934716
117.531199	21.924532
117.515499	21.915490
117.511323	21.914712
117.503422	21.913240
117.494919	21.912365
117.494572	21.912330
117.492553	21.912122
117.480477	21.909872
117.481685	21.914402
117.481685	21.918934
117.481685	21.924598
117.481331	21.927255
117.481264	21.927757
117.480478	21.933663
117.473232	21.940470
117.471231	21.939065
117.470997	21.938901
117.465986	21.935382
117.463570	21.933119
117.462735	21.931553
117.461155	21.928591
117.459343	21.925194
117.452097	21.922938
117.450889	21.919541
117.451182	21.918624
117.452701	21.913874
117.456323	21.907072
117.458738	21.904803
117.456927	21.899141
117.452096	21.893483
117.446057	21.890092
117.441227	21.887832
117.435188	21.885575
117.421904	21.883327

Then north westerly to a point on a western boundary of again that native title determination boundary at approximately Latitude 21.879918° South (being a point on a corner of Reserve 38991); then northerly and westerly along western and southern boundaries of that reserve until its intersection with Longitude 117.400254° East (being a point on the northern escarpment of the

Hamersley Range); then north easterly and generally westerly along the northern escarpment, further described as passing (approximately) through the following coordinate points;

Longitude (East)	Latitude (South)
117.404392	21.868622
117.398957	21.865231
117.394127	21.864104
117.390504	21.864109
117.383258	21.864685
117.378427	21.869223
117.374966	21.873272
117.373378	21.873395
117.367558	21.869804
117.357897	21.865285
117.350651	21.859630
117.345216	21.855106
117.337970	21.851717
117.330724	21.849461
117.315024	21.851181
117.296909	21.855737
117.282418	21.862554
117.275172	21.868228

Then south westerly to again a point on a southern boundary of again that native title determination boundary (being a point on a southern boundary of Reserve 38991) at Longitude 117.256113° East; then westerly along the boundary of that reserve until its intersection with Longitude 117.226350° East (being a point on the northern escarpment of the Hamersley Range); then generally north westerly along the northern escarpment; further described as passing (approximately) through the following coordinate points;

Longitude (East)	Latitude (South)
117.209354	21.866616
117.199692	21.854167
117.199692	21.841705
117.195464	21.826983
117.189426	21.814529

Then north westerly to a point on a western boundary of again that native title determination (being a point on a western boundary of Reserve 38991) at Latitude 21.809789° South (approximate Longitude 117.182193° East); then northerly and generally westerly along the boundaries of that reserve until its intersection with Longitude 117.087496° East (being a point on the northern escarpment of the Hamersley Range); then generally north westerly along the northern escarpment; further described as passing (approximately) through the following coordinate points;

Longitude (East)	Latitude (South)
117.080130	21.763693
117.064430	21.755784
117.051749	21.752402
117.047465	21.750686

Longitude (East)	Latitude (South)
117.043296	21.749015
117.037257	21.742225
117.031218	21.738834
117.027596	21.740539
117.021558	21.748477
117.016727	21.748484
117.008273	21.741131
117.004650	21.733205
116.999819	21.727547
116.993780	21.725289
116.993280	21.725395

Then south westerly to a point on a western boundary of again that native title determination (being a point on the boundary of Reserve 38991) at Latitude 21.726134° South (approximate Longitude 116.992489° East); then northerly, westerly and southerly along boundaries of that native title determination and that reserve until its intersection with Latitude 21.745967° South (being a point on the northern escarpment of the Hamersley Range); then generally south westerly along the northern escarpment; further described as passing (approximately) through the following coordinate points;

Longitude (East)	Latitude (South)
116.894007	21.747173
116.889279	21.750329
116.885902	21.753486
116.883875	21.756012
116.881849	21.760431
116.881173	21.762325

Then south westerly to a point on a southern boundary of again that native title determination (being a southern boundary of Reserve 38991) at Longitude 116.880577° East; then westerly, north westerly and generally northerly along the southern and western boundaries of that native title determination to Latitude 21.181398° South; further described as;

Commencing at a north-eastern boundary of Lot 148 on DP093149 (part of Reserve 38991); then north westerly along the boundary of that lot to an eastern corner of Yalleen Pastoral Lease (N049492); then northerly, easterly and generally north-westerly along that pastoral lease to Longitude 116.819303° East (approximate Latitude 21.474135° South); then westerly to a western boundary of General Lease I123390 (Lot 63 on DP054397) at Latitude 21.474046° South; then generally northerly along the western boundary of that general lease to a northern boundary of Reserve 38991 (Lot 190 on DP240249); then westerly along a northern boundary of that reserve to again an eastern boundary of Yalleen Pastoral Lease (N049492); then northerly and westerly along boundaries of that pastoral lease to Longitude 116.800532° East; then northerly



to a point on the southern boundary of Mt Welcome Pastoral Lease (N049462) at
Longitude 116.800535° East; then westerly and northerly along that pastoral lease to
Latitude 21.181398° South.

Then generally south easterly and generally easterly along the southern boundary of the Ngarluma
Area back to the commencement point, passing through the following co-ordinate points:

Longitude (East)	Latitude (South)
116.774349	21.181903
116.776082	21.182789
116.777709	21.183567
116.780533	21.184799
116.781403	21.185138
116.782388	21.185377
116.783368	21.185720
116.785231	21.186091
116.786329	21.186231
116.787313	21.186470
116.788195	21.186498
116.789180	21.186737
116.792255	21.187147
116.793243	21.187283
116.794125	21.187311
116.795216	21.187658
116.797827	21.188675
116.799567	21.189354
116.801198	21.190028
116.801958	21.190364
116.802832	21.190599
116.804896	21.191495
116.805763	21.191938
116.807268	21.193023
116.807911	21.193562
116.809526	21.194652
116.811780	21.196383
116.813281	21.197572
116.814034	21.198115
116.814676	21.198654
116.815953	21.199939
116.817554	21.201443
116.818196	21.201982
116.819789	21.203692
116.821062	21.205082
116.821914	21.205939
116.822442	21.206578
116.823081	21.207221
116.823605	21.207963

Longitude (East)	Latitude (South)
116.825103	21.209256
116.826711	21.210552
116.828099	21.211841
116.828738	21.212484
116.829791	21.213866
116.830536	21.214616
116.831502	21.215372
116.832353	21.216229
116.833094	21.217083
116.833950	21.217836
116.835334	21.219228
116.836722	21.220517
116.837360	21.221160
116.838003	21.221699
116.839702	21.223516
116.841079	21.225116
116.841607	21.225755
116.842246	21.226397
116.843410	21.227783
116.844782	21.229486
116.845307	21.230229
116.845836	21.230868
116.846475	21.231511
116.847117	21.232050
116.847988	21.232389
116.848745	21.232827
116.849730	21.233066
116.850942	21.233105
116.852821	21.233061
116.853707	21.232986
116.854604	21.232599
116.855604	21.232424
116.857391	21.231858
116.859064	21.231393
116.861189	21.230631
116.863421	21.229976
116.864204	21.229690
116.865094	21.229511
116.865980	21.229435
116.866763	21.229149
116.867869	21.229080
116.869656	21.228515
116.871447	21.227846
116.873907	21.226990
116.876933	21.225738

Longitude (East)	Latitude (South)
116.877830	21.225352
116.878621	21.224858
116.879629	21.224475
116.880529	21.223985
116.882324	21.223212
116.884802	21.221839
116.885707	21.221246
116.887615	21.220373
116.889413	21.219497
116.890983	21.218821
116.892884	21.218155
116.893781	21.217769
116.895568	21.217203
116.897464	21.216641
116.898248	21.216355
116.900015	21.216307
116.903102	21.216405
116.904977	21.216465
116.906848	21.216629
116.908824	21.216899
116.911999	21.217622
116.914190	21.218106
116.916711	21.218600
116.918791	21.219079
116.921642	21.219584
116.922631	21.219718
116.923624	21.219750
116.926358	21.220457
116.927453	21.220699
116.930180	21.221614
116.931054	21.221848
116.933035	21.222014
116.934799	21.222070
116.937438	21.222360
116.939529	21.222529
116.942617	21.222626
116.944601	21.222687
116.946369	21.222639
116.949457	21.222736
116.950449	21.222767
116.953088	21.223056
116.953966	21.223188
116.955168	21.223536
116.956035	21.223978
116.957994	21.224765



Longitude (East)	Latitude (South)
116.958975	21.225107
116.961063	21.225380
116.963047	21.225442
116.965036	21.225400
116.966253	21.225334
116.967135	21.225362
116.968906	21.225210
116.970792	21.224958
116.971792	21.224782
116.972678	21.224706
116.975765	21.224802
116.978963	21.224901
116.979845	21.224928
116.980944	21.225066
116.983918	21.225262
116.986998	21.225565
116.988097	21.225702
116.990067	21.226178
116.991048	21.226520
116.992033	21.226758
116.994650	21.227669
116.996396	21.228241
116.998476	21.228721
117.000450	21.229093
117.002428	21.229362
117.004402	21.229734
117.005604	21.230082
117.006699	21.230324
117.007791	21.230668
117.008886	21.230910
117.009977	21.231255
117.012062	21.231630
117.014153	21.231799
117.015256	21.231833
117.017233	21.232101
117.019214	21.232266
117.021846	21.232763
117.023052	21.233007
117.026352	21.233317
117.028558	21.233385
117.030436	21.233339
117.031322	21.233262
117.032314	21.233293
117.034068	21.233658
117.034946	21.233789



Longitude (East)	Latitude (South)
117.035817	21.234127
117.037784	21.234706
117.038880	21.234947
117.040188	21.235402
117.041504	21.235650
117.042493	21.235784
117.043365	21.236122
117.045556	21.236604
117.046431	21.236839
117.047302	21.237177
117.049276	21.237549
117.050261	21.237786
117.051471	21.237927
117.053662	21.238409
117.055526	21.238777
117.056621	21.239019
117.057602	21.239360
117.060231	21.239959
117.062208	21.240227
117.063969	21.240385
117.067043	21.240894
117.067921	21.241024
117.069892	21.241499
117.072087	21.241877
117.072962	21.242112
117.074171	21.242252
117.075157	21.242490
117.076139	21.242831
117.077124	21.243068
117.078106	21.243409
117.079966	21.243881
117.081933	21.244460
117.083569	21.245028
117.085198	21.245804
117.086823	21.246683
117.087581	21.247121
117.088342	21.247455
117.089099	21.247893
117.089861	21.248227
117.090618	21.248769
117.092357	21.249548
117.093983	21.250427
117.095939	21.251316
117.097675	21.252199
117.098432	21.252637



Longitude (East)	Latitude (South)
117.099628	21.253192
117.100381	21.253733
117.102003	21.254716
117.103515	21.255695
117.104382	21.256136
117.106111	21.257226
117.107085	21.257774
117.108052	21.258529
117.109134	21.259184
117.110748	21.260374
117.113334	21.262216
117.114842	21.263299
117.115703	21.263947
117.118409	21.265481
117.121006	21.267011
117.121981	21.267559
117.122959	21.268004
117.124040	21.268659
117.125669	21.269434
117.127405	21.270316
117.128380	21.270864
117.130752	21.272492
117.132478	21.273685
117.133342	21.274229
117.134203	21.274877
117.136558	21.277023
117.137842	21.278202
117.138703	21.278851
117.139343	21.279492
117.139980	21.280237
117.141264	21.281417
117.143409	21.283244
117.144160	21.283889
117.144907	21.284638
117.145764	21.285389
117.146294	21.286028
117.146938	21.286566
117.148745	21.288591
117.149386	21.289232
117.149916	21.289870
117.151200	21.291050
117.151841	21.291691
117.152702	21.292339
117.154203	21.293629
117.155815	21.294922



Longitude (East)	Latitude (South)
117.157758	21.296225
117.159484	21.297417
117.160345	21.298066
117.161316	21.298717
117.162067	21.299362
117.163686	21.300447
117.164547	21.301096
117.165412	21.301640
117.166273	21.302288
117.167031	21.302726
117.167786	21.303267
117.169625	21.304359
117.170601	21.304907
117.171472	21.305244
117.172231	21.305681
117.172992	21.306016
117.173750	21.306453
117.176583	21.307575
117.178327	21.308249
117.180074	21.308820
117.182904	21.310046
117.184427	21.310713
117.186054	21.311592
117.188324	21.313007
117.189944	21.314093
117.190702	21.314531
117.191464	21.314864
117.192222	21.315302
117.192984	21.315636
117.194500	21.316511
117.195365	21.317055
117.196126	21.317389
117.196988	21.318037
117.197853	21.318581
117.198497	21.319119
117.200223	21.320311
117.200978	21.320852
117.202374	21.322034
117.203773	21.323113
117.205282	21.324195
117.206144	21.324843
117.207226	21.325497
117.209939	21.326926
117.212334	21.327931
117.214186	21.328711

Longitude (East)	Latitude (South)
117.216034	21.329596
117.218540	21.330604
117.219302	21.330937
117.220177	21.331171
117.221050	21.331508
117.222253	21.331854
117.224225	21.332328
117.226091	21.332694
117.228843	21.332983
117.230715	21.333142
117.231709	21.333172
117.232588	21.333301
117.233471	21.333328
117.235222	21.333794
117.236849	21.334672
117.237718	21.335112
117.239232	21.336091
117.240211	21.336534
117.240969	21.336972
117.241842	21.337309
117.242718	21.337542
117.243590	21.337879
117.244576	21.338115
117.245676	21.338251
117.246780	21.338284
117.249642	21.338576
117.250746	21.338608
117.253818	21.339218
117.254804	21.339454
117.257962	21.340791
117.259593	21.341565
117.260462	21.342006
117.262193	21.343094
117.263165	21.343744
117.264789	21.344725
117.265654	21.345269
117.268264	21.346487
117.271209	21.347610
117.273285	21.348294
117.276130	21.349103
117.277440	21.349556
117.280837	21.350382
117.281823	21.350618
117.282706	21.350644
117.283913	21.350887

Longitude (East)	Latitude (South)
117.285014	21.351022
117.286007	21.351051
117.287214	21.351294
117.288097	21.351320
117.289304	21.351563
117.290404	21.351699
117.292594	21.352281
117.293577	21.352621
117.295642	21.353615
117.298256	21.354728
117.299018	21.355061
117.299777	21.355498
117.300653	21.355731
117.301522	21.356171
117.302277	21.356712
117.303371	21.357055
117.305216	21.358042
117.306737	21.358812
117.307499	21.359146
117.308364	21.359689
117.309451	21.360239
117.310424	21.360890
117.312265	21.361981
117.313241	21.362527
117.313997	21.363068
117.315628	21.363841
117.316497	21.364282
117.317253	21.364822
117.318884	21.365595
117.319757	21.365932
117.320626	21.366372
117.321609	21.366712
117.322596	21.366948
117.323689	21.367291
117.325776	21.367662
117.327977	21.367933
117.330505	21.368318
117.331606	21.368453
117.332599	21.368482
117.334800	21.368754
117.337773	21.369047
117.338656	21.369072
117.340416	21.369331
117.341512	21.369570
117.342716	21.369916

Longitude (East)	Latitude (South)
117.343813	21.370155
117.344796	21.370494
117.346662	21.370860
117.347649	21.371096
117.348529	21.371225
117.351506	21.371414
117.353603	21.371475
117.355483	21.371426
117.356480	21.371351
117.357584	21.371382
117.360464	21.371154
117.363565	21.370932
117.365559	21.370782
117.366662	21.370814
117.367659	21.370739
117.369436	21.370479
117.370322	21.370401
117.371322	21.370222
117.372206	21.370248
117.373316	21.370072
117.375748	21.370039
117.377738	21.369992
117.378842	21.370024
117.379832	21.370156
117.382702	21.370238
117.385461	21.370317
117.386344	21.370343
117.388228	21.370189
117.389997	21.370136
117.393312	21.370127
117.395189	21.370181
117.397400	21.370141
117.398504	21.370172
117.399390	21.370094
117.400604	21.370129
117.402815	21.370088
117.403698	21.370113
117.404585	21.370035
117.406585	21.369677
117.407475	21.369495
117.408472	21.369420
117.410693	21.369069
117.411583	21.368887
117.414346	21.368862
117.416995	21.368937

Longitude (East)	Latitude (South)
117.418871	21.368991
117.420862	21.368944
117.421859	21.368868
117.423635	21.368608
117.424525	21.368426
117.426090	21.367848
117.427773	21.367066
117.428556	21.366777
117.430469	21.365691
117.431480	21.365201
117.433848	21.363713
117.434752	21.363117
117.435648	21.362727
117.436438	21.362231
117.437231	21.361631
117.438237	21.361245
117.439144	21.360545
117.439930	21.360152
117.440616	21.359446
117.441406	21.358950
117.442877	21.357851
117.443781	21.357254
117.444573	21.356655
117.447056	21.355066
117.448865	21.353769
117.450785	21.352475
117.453605	21.350689
117.454394	21.350192
117.456093	21.348892
117.456993	21.348399
117.457672	21.347900
117.460371	21.346421
117.461271	21.345927
117.462174	21.345331
117.463974	21.344345
117.464763	21.343849
117.466669	21.342969
117.467679	21.342479
117.469358	21.341801
117.471258	21.341128
117.472264	21.340742
117.474154	21.340380
117.476040	21.340122
117.478793	21.340407
117.479672	21.340536



Longitude (East)	Latitude (South)
117.481417	21.341207
117.482180	21.341539
117.483929	21.342107
117.485681	21.342571
117.486775	21.342913
117.487765	21.343044
117.490414	21.343118
117.493393	21.343202
117.496704	21.343295
117.497697	21.343323
117.500463	21.343193
117.501460	21.343117
117.502570	21.342941
117.505774	21.342927
117.508533	21.343004
117.509526	21.343032
117.512720	21.343328
117.514703	21.343487
117.518345	21.343589
117.521876	21.343688
117.524856	21.343771
117.525850	21.343798
117.527953	21.343650
117.528839	21.343571
117.529729	21.343388
117.531942	21.343242
117.533712	21.343188
117.534595	21.343213
117.535481	21.343133
117.538681	21.343223
117.542103	21.343317
117.545303	21.343406
117.547069	21.343455
117.550272	21.343441
117.552593	21.343401
117.555031	21.343158
117.556028	21.343081
117.557028	21.342902
117.557914	21.342822
117.558914	21.342643
117.559910	21.342567
117.562131	21.342213
117.564017	21.341954
117.567130	21.341314
117.568354	21.341037

Longitude (East)	Latitude (South)
117.569136	21.340747
117.570136	21.340568
117.571029	21.340281
117.572249	21.340107
117.573363	21.339827
117.575359	21.339571
117.576249	21.339388
117.577135	21.339309
117.580475	21.338468
117.583039	21.337709
117.584156	21.337325
117.585935	21.336959
117.586935	21.336779
117.590275	21.335938
117.591502	21.335556
117.594615	21.334916
117.596617	21.334452
117.598624	21.333885
117.599406	21.333596
117.601298	21.333129
117.603866	21.332266
117.605989	21.331495
117.606878	21.331312
117.608777	21.330638
117.610669	21.330171
117.611558	21.329988
117.612341	21.329698
117.614343	21.329235
117.615453	21.329058
117.616447	21.329085
117.617326	21.329212
117.618530	21.329556
117.619507	21.330102
117.620263	21.330641
117.621023	21.331076
117.621786	21.331408
117.622542	21.331947
117.623301	21.332382
117.624064	21.332714
117.624710	21.333251
117.625470	21.333686
117.626223	21.334329
117.627631	21.335197
117.629267	21.335863
117.630251	21.336201

Longitude (East)	Latitude (South)
117.631014	21.336533
117.631890	21.336764
117.632653	21.337096
117.633639	21.337330
117.634629	21.337461
117.635837	21.337701
117.637700	21.338167
117.638463	21.338499
117.638882	21.339236
117.639411	21.339976
117.639911	21.341649
117.640184	21.343522
117.640158	21.344351
117.640022	21.345177
117.639775	21.346000
117.639383	21.347959
117.639133	21.348886
117.638993	21.349815
117.638640	21.350532
117.638137	21.352488
117.637776	21.353411
117.637637	21.354341
117.637280	21.355161
117.636891	21.357016
117.636637	21.358046
117.636501	21.358872
117.635894	21.360619
117.635647	21.361441
117.634826	21.362974
117.633781	21.364605
117.632739	21.366132
117.632158	21.367049
117.631470	21.367860
117.630424	21.369491
117.628804	21.371832
117.627301	21.373968
117.626610	21.374882
117.625912	21.376004
117.625223	21.376815
117.624866	21.377635
117.623814	21.379472
117.623343	21.380393
117.622532	21.381615
117.622178	21.382331
117.621596	21.383248



Longitude (East)	Latitude (South)
117.621350	21.384071
117.620886	21.384784
117.620528	21.385604
117.619707	21.387137
117.619242	21.387850
117.618882	21.388774
117.618057	21.390410
117.617125	21.391940
117.616190	21.393574
117.615608	21.394491
117.615362	21.395314
117.615222	21.396243
117.615189	21.397279
117.615572	21.399156
117.615881	21.399890
117.616410	21.400631
117.617053	21.401270
117.617917	21.401916
117.619693	21.401654
117.620476	21.401364
117.621265	21.400867
117.622051	21.400473
117.624090	21.398870
117.625564	21.397666
117.627604	21.396062
117.629302	21.394761
117.630205	21.394163
117.631000	21.393459
117.631793	21.392858
117.632588	21.392154
117.633273	21.391447
117.635202	21.389840
117.636676	21.388636
117.638043	21.387325
117.639306	21.385804
117.639997	21.384890
117.641374	21.383268
117.643004	21.380616
117.643822	21.379187
117.644295	21.378163
117.644542	21.377340
117.645587	21.375709
117.645941	21.374993
117.647561	21.372652
117.648833	21.370821

Longitude (East)	Latitude (South)
117.649404	21.370214
117.651141	21.367669
117.652296	21.366041
117.653101	21.365026
117.653565	21.364312
117.653919	21.363596
117.654497	21.362782
117.655428	21.361252
117.655892	21.360539
117.656246	21.359823
117.656710	21.359109
117.658544	21.356982
117.659342	21.356174
117.659920	21.355360
117.660601	21.354756
117.662069	21.353759
117.663532	21.352865
117.664431	21.352371
117.665214	21.352081
117.666113	21.351587
117.668009	21.351016
117.669683	21.350439
117.670579	21.350048
117.673235	21.349912
117.675884	21.349984
117.678974	21.350067
117.680078	21.350097
117.681958	21.350044
117.682954	21.349967
117.684846	21.349499
117.686515	21.349129
117.687407	21.348843
117.689407	21.348481
117.692309	21.347523
117.693091	21.347232
117.694100	21.346741
117.696781	21.345776
117.698566	21.345202
117.699566	21.345021
117.702218	21.344989
117.703321	21.345018
117.706181	21.345406
117.707389	21.345646
117.709149	21.345900
117.711236	21.346267

Longitude (East)	Latitude (South)
117.712226	21.346397
117.715077	21.347096
117.715954	21.347326
117.716834	21.347454
117.718584	21.348019
117.719571	21.348252
117.722084	21.349149
117.723720	21.349815
117.724815	21.350155
117.727429	21.351365
117.729280	21.352244
117.731563	21.353446
117.733086	21.354212
117.734823	21.355191
117.736990	21.356597
117.737750	21.357032
117.738396	21.357567
117.739039	21.358207
117.739796	21.358745
117.740556	21.359180
117.741313	21.359719
117.742067	21.360361
117.744227	21.361973
117.744873	21.362509
117.746501	21.363485
117.747261	21.363920
117.748017	21.364459
117.748777	21.364894
117.749654	21.365124
117.750525	21.365562
117.751398	21.365896
117.752155	21.366435
117.754114	21.367420
117.756400	21.368517
117.757926	21.369180
117.759674	21.369848
117.762071	21.370948
117.763808	21.371927
117.764679	21.372365
117.765432	21.373007
117.766196	21.373338
117.766956	21.373773
117.769577	21.374775
117.770451	21.375109
117.773210	21.375182

Longitude (East)	Latitude (South)
117.774093	21.375206
117.774979	21.375125
117.775973	21.375151
117.778742	21.374913
117.779739	21.374836
117.782501	21.374805
117.784602	21.374756
117.785595	21.374782
117.786592	21.374705
117.787475	21.374728
117.789247	21.374567
117.791133	21.374306
117.794013	21.374071
117.795120	21.373996
117.796009	21.373812
117.798668	21.373571
117.799778	21.373392
117.800661	21.373415
117.802547	21.373154
117.805316	21.372915
117.806202	21.372835
117.807091	21.372651
117.807977	21.372570
117.809977	21.372208
117.812862	21.371765
117.814748	21.371503
117.815745	21.371425
117.816634	21.371241
117.817517	21.371264
117.818406	21.371080
117.819289	21.371103
117.820179	21.370919
117.821062	21.370942
117.823288	21.370378
117.825297	21.369704
117.826968	21.369229
117.828753	21.368654
117.829535	21.368363
117.831427	21.367894
117.832316	21.367710
117.835186	21.367784
117.836952	21.367831
117.838721	21.367773
117.840497	21.367508
117.841386	21.367324



Longitude (East)	Latitude (South)
117.842278	21.367036
117.843167	21.366851
117.845927	21.366923
117.847803	21.366972
117.849566	21.367121
117.851333	21.367167
117.853322	21.367114
117.854429	21.367039
117.855429	21.366858
117.857201	21.366697
117.858090	21.366512
117.858976	21.366431
117.859866	21.366247
117.860752	21.366166
117.861635	21.366189
117.862634	21.366007
117.863637	21.365722
117.864633	21.365644
117.867632	21.365100
117.868632	21.364918
117.869634	21.364633
117.870855	21.364457
117.871857	21.364172
117.872967	21.363993
117.874752	21.363417
117.875757	21.363028
117.876656	21.362533
117.878443	21.361853
117.880905	21.360776
117.881690	21.360382
117.882692	21.360096
117.884713	21.359008
117.886504	21.358224
117.888849	21.357352
117.890413	21.356770
117.891305	21.356482
117.892304	21.356300
117.893086	21.356009
117.893972	21.355928
117.897173	21.356010
117.898056	21.356032
117.898936	21.356159
117.899920	21.356495
117.901772	21.357372
117.902643	21.357809



Longitude (East)	Latitude (South)
117.903062	21.358546
117.903814	21.359291
117.905519	21.361408
117.906160	21.362150
117.906794	21.363099
117.907328	21.363735
117.907638	21.364469
117.908058	21.365205
117.908592	21.365841
117.909969	21.367846
117.910610	21.368588
117.912014	21.369661
117.912762	21.370509
117.913931	21.372094
117.914351	21.372831
117.914882	21.373570
117.915529	21.374105
117.916710	21.375275
117.917464	21.375917
117.917995	21.376656
117.918415	21.377392
117.918946	21.378132
117.919366	21.378868
117.920090	21.380546
117.920808	21.382430
117.921726	21.385045
117.922223	21.386924
117.922419	21.387759
117.922828	21.388909
117.923629	21.391729
117.923825	21.392564
117.924132	21.393401
117.924326	21.394339
117.924636	21.395072
117.925136	21.396848
117.925323	21.397993
117.925299	21.398822
117.925468	21.400589
117.925527	21.402352
117.925607	21.403391
117.925525	21.406189
117.925437	21.409193
117.925413	21.410022
117.925490	21.411164
117.925757	21.413348



Longitude (East)	Latitude (South)
117.925834	21.414491
117.926114	21.416260
117.926197	21.417195
117.926391	21.418133
117.926428	21.420623
117.926401	21.421555
117.926266	21.422381
117.925770	21.424235
117.924804	21.427009
117.924084	21.428961
117.923367	21.430809
117.923122	21.431632
117.922954	21.433597
117.922923	21.434634
117.922982	21.436397
117.922952	21.437434
117.923259	21.438271
117.923986	21.439844
117.924514	21.440687
117.925152	21.441533
117.925573	21.442269
117.926107	21.442905
117.926972	21.443549
117.927859	21.443468
117.929539	21.442681
117.930438	21.442186
117.930901	21.441472
117.931803	21.440872
117.932836	21.439551
117.933517	21.438946
117.936314	21.437773
117.937320	21.437384
117.938105	21.436989
117.939007	21.436390
117.940019	21.435794
117.940696	21.435292
117.941948	21.434080
117.942521	21.433369
117.943306	21.432974
117.944097	21.432372
117.946351	21.430874
117.947139	21.430375
117.947924	21.429981
117.948817	21.429692
117.951479	21.429345

Longitude (East)	Latitude (South)
117.952365	21.429263
117.953249	21.429286
117.954246	21.429207
117.955138	21.428919
117.956248	21.428739
117.957030	21.428448
117.957818	21.427950
117.958499	21.427345
117.959290	21.426743
117.959860	21.426135
117.960219	21.425211
117.960242	21.424382
117.959932	21.423649
117.959512	21.422912
117.957808	21.420692
117.956746	21.419214
117.956221	21.418267
117.955159	21.416789
117.954527	21.415736
117.953889	21.414891
117.953271	21.413320
117.952765	21.411752
117.952730	21.409159
117.952754	21.408331
117.952671	21.407396
117.952722	21.405634
117.952663	21.403870
117.952634	21.401070
117.952685	21.399309
117.952847	21.397551
117.953235	21.395591
117.953483	21.394664
117.953642	21.393009
117.953720	21.390315
117.953744	21.389487
117.953658	21.388655
117.953682	21.387826
117.953602	21.386787
117.953405	21.385953
117.953319	21.385121
117.952598	21.383341
117.952294	21.382400
117.951799	21.380418
117.951605	21.379479
117.951099	21.377912

Longitude (East)	Latitude (South)
117.950902	21.377077
117.950819	21.376142
117.950796	21.373135
117.950871	21.370545
117.950944	21.368058
117.950995	21.366297
117.951154	21.364642
117.951288	21.363816
117.951312	21.362987
117.951560	21.362061
117.951695	21.361235
117.951722	21.360303
117.951859	21.359373
117.952487	21.356797
117.952732	21.355974
117.952869	21.355044
117.953228	21.354120
117.953362	21.353294
117.953392	21.352258
117.953637	21.351435
117.953771	21.350609
117.954016	21.349786
117.954371	21.348965
117.954944	21.348254
117.955407	21.347540
117.956084	21.347038
117.956654	21.346431
117.957334	21.345826
117.958122	21.345328
117.958907	21.344932
117.959694	21.344434
117.960589	21.344042
117.962161	21.343149
117.963056	21.342756
117.964739	21.341866
117.965523	21.341471
117.967421	21.340793
117.968309	21.340608
117.970961	21.340571
117.973610	21.340638
117.974493	21.340660
117.975489	21.340582
117.977254	21.340626
117.979023	21.340567
117.980130	21.340491

Longitude (East)	Latitude (South)
117.982892	21.340457
117.983775	21.340479
117.986540	21.340341
117.987533	21.340366
117.988639	21.340290
117.989528	21.340105
117.990524	21.340026
117.991744	21.339850
117.993522	21.339479
117.995965	21.339022
117.997188	21.338742
117.999836	21.338808
118.000719	21.338830
118.001709	21.338959
118.002697	21.339191
118.003577	21.339317
118.004454	21.339546
118.007323	21.339617
118.008426	21.339645
118.009533	21.339569
118.010416	21.339591
118.011633	21.339518
118.013742	21.339156
118.016408	21.338600
118.017297	21.338415
118.018302	21.338025
118.020086	21.337448
118.021087	21.337162
118.023307	21.336802
118.025522	21.336546
118.027405	21.336386
118.029615	21.336337
118.032374	21.336406
118.035464	21.336482
118.038443	21.336556
118.041312	21.336627
118.044071	21.336696
118.047051	21.336770
118.049038	21.336819
118.051027	21.336764
118.053455	21.336824
118.056214	21.336892
118.058089	21.336939
118.060962	21.336906
118.063059	21.336958

Longitude (East)	Latitude (South)
118.065820	21.336922
118.067920	21.336870

Note

Data Reference and source

- Application boundary compiled by National Native Title Tribunal based on information or instructions provided by the applicants.
- WAD6017/199 Ngarluma/Yindjibarndi (WCD2005/001) as determined by the Federal Court of Australia on 02 May 2005 and varied on appeal on 27 August 2007 (Daisy Moses & Ors v The State of Western Australia & Others).
- Cadastre data sourced from Landgate, WA (June 2017).
- Hamersley Range sourced from Native Title Spatial Services, Landgate with reference to northern extent of the foothills of the Hamersley Ranges, as shown on exhibit R1/45 tab KRG.
- Ngarluma Area sourced from Native Title Spatial Services, Landgate.

Reference datum

Geographical coordinates have been provided by the NNTT Geospatial Services and are referenced to the Geocentric Datum of Australia 1994 (GDA94), in decimal degrees and are based on the spatial reference data acquired from the various custodians at the time

Use of Coordinates

Where coordinates are used within the description to represent cadastral or topographical boundaries or the intersection with such, they are intended as a guide only. As an outcome of the custodians of cadastral and topographic data continuously recalculating the geographic position of their data based on improved survey and data maintenance procedures, it is not possible to accurately define such a position other than by detailed ground survey.

Prepared by Geospatial Services, National Native Title Tribunal (20 October 2017).