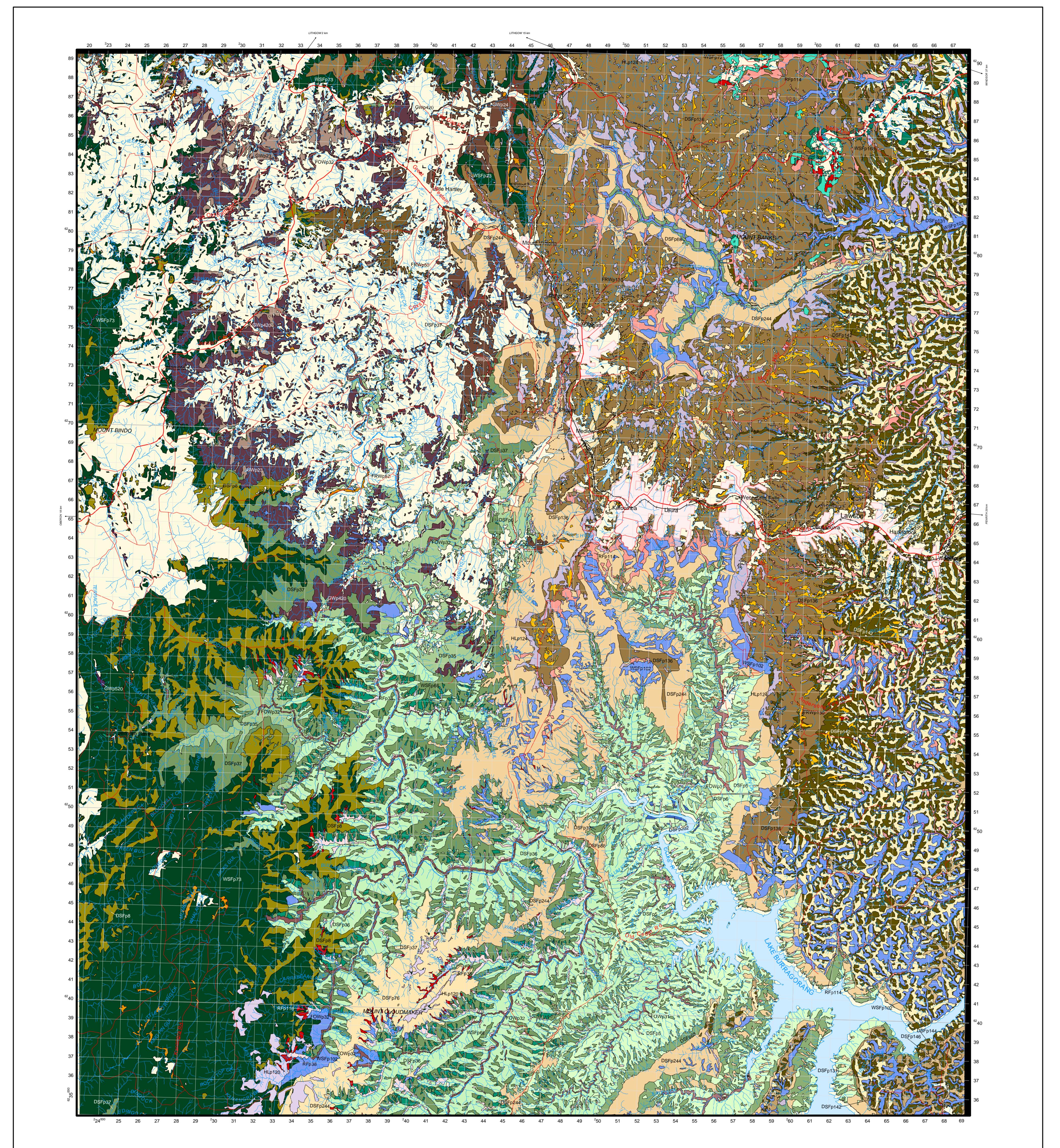


VEGETATION KATOOMBA - 8930



VEGETATION KEY

A-N	Map Unit Name Map Unit Code	Principal Species	Vegetation Structure	Physical Environment	Area (ha) (rounded)
Rainforests	RF p38	Trees: Backhousea myrtoides. Shrubs: Nestegis longifolia, Bryonia oblongifolia, Hymenandra dentata, Sycodesca emarginata. Climbers: Grevillea cuneiformis, Pandanus pandanioides, Aphanopetalum resinosum, Pteranthus paniorus, Stellaria flaccida.	Simple, low closed forest with sparse groundcover.	Slope lower slopes of dry gorges below 500m, Picton, Kowmung-Wollondilly, Shalhaven-Etuna.	2300
RF p40	Trees: Backhousea myrtoides, Acacia armeniaca. Psidium undulatum. Shrubs: Rhus copallina, Rhus venosa, Rapanea nemorosa. Climbers: Morinda citrifolia, Dicordia sp., Pittosporum undulatum, Clerodendron paniculatum, Clerodendron variabile, Mikania stipitata, Dicordia variabilis.	Simple closed forest with lanes and sparse groundcover.	Dry shade gullies below 400m, Hawkesbury-Deua.	<10	
RF p114	Trees: Ceratopetalum apetum, Acmena smithii, Doryphora sassafras. Shrubs: Cyathia australis, Todzia berbera, Tasmania insipida. Climbers: Monnieria paximoides. Groundcover: Asplenium flabellifolium, Lasiopetalum acuminatum.	Closed forest with lanes and ferny groundcover.	Most gully heads below sandstone cliffs, 400-800m, many Blue Mtns, Budgewoi.	3800	
RF p116	Trees: Acmena smithii, Psidium undulatum, Doryphora sassafras. Shrubs: Cyathia australis, Capparis quinquefolia, Rhus venosa, Rapanea nemorosa. Climbers: Pandorea pandanioides, Smilax australis, Monnieria paximoides. Groundcover: Asplenium flabellifolium, Lasiopetalum acuminatum.	Closed forest with lanes and ferny groundcover.	Most sheltered gullies on footills and escarpment, 300-750m, mainly Morton-Deua.	470	
Wet Scrophyl Forests (shrubby)	WSF p27	Trees: Acacia melanoxylon, Doryphora sassafras, Eucalyptus blaxlandii, E. crebra, E. radiata. Shrubs: Sereocarpus linearifolius, Cyathia australis, Indigofera australis, Hymenandra dentata, Clerodendron paniculatum, Pittosporum undulatum, Clerodendron variabile, Dicordia variabilis, Mikania stipitata, Aphanopetalum resinosum.	Tall eucalypt forest with an open subcanopy and moist herbaceous groundcover.	Most bushy caps 450-1000m in Blue Mtns.	480
WSF p73	Trees: Eucalyptus radiata, E. tasmaniensis, Acacia melanoxylon. Shrubs: Leucopogon lanceolatus, Persoonia linearis. Climbers: Clematis aristata. Groundcover: Lomandra longifolia, Viola hederacea, Centella asiatica, Stellaria flaccida, Geranium homeacanthus, Stellaria pungens, Gonocapsus tetragynus.	Tall eucalypt forest with an open sublayer and moist herbaceous groundcover.	Elevated ranges on moist loams 800-1200m Dividing Range-Lithgow.	2850	
WSF p102	Trees: Syncarpia glomulifera, Angophora costata, Acacia elata, Eucalyptus deanei. Allocasuarina bracteata. Shrubs: Eucalyptus recurvata, Leucopogon lanceolatus, Persoonia linearis. Climbers: Cissus hypoleuca, Campanula australis, Tylephora baueri, Clerodendron paniculatum, Pittosporum undulatum, Persoonia linearis.	Tall eucalypt forest with a moist open understorey of shrubs, climbers and ferns.	Shaded sandstone slopes & gullies up to 700m, mostly in Blue Mtns, also lower Hawkesbury.	9500	
WSF p168	Trees: Eucalyptus cyclocephala, Syncarpia glomulifera, E. globulus. Shrubs: Leucopogon lanceolatus, Persoonia linearis. Climbers: Cissus hypoleuca, Campanula australis, Tylephora baueri, Clerodendron paniculatum, Pittosporum undulatum, Persoonia linearis. Groundcover: Lomandra longifolia, Calochilus dubius, Blechnum sp. pratinum, Pratia purpurascens.	Tall eucalypt forest with an open sublayer and moist herbaceous groundcover.	Shade and shale/beach boundary, 450-900m around Bilpin & southern highlands.	380	
Grassy Woodlands	GW p66	Trees: Eucalyptus diversifolia, E. radiata, E. tereticornis. Shrubs: Leucopogon lanceolatus, Clerodendron aristata, Glycine clandestina. Groundcover: Pseudoscleropodium elegans, Lomandra longifolia, Viola hederacea, Microseris stipitata, Dicordia spp., Desmodium varians, Poa tenuifolia, Eriochiton ovatus, Diodia caerulea, Pratia purpurascens.	Tall eucalypt forest with an open sublayer and moist herbaceous groundcover.	Shaded slopes on high ranges, mainly 600-1100m, western Blue Mtns - Deua.	1600
GW p17	Trees: Eucalyptus diversifolia, E. viminalis, E. pauciflora. Shrubs: Hibbertia usitata, Acacia dealbata, Bursaria spinosa, Boscia buxifolia. Groundcover: Parthenanthes microphylla, Hypericum gramineum, Lomandra glauca, Poa labillardierei, Dichelachne micrantha.	Open eucalypt forest with sparse shrub layer and grassy groundcover.	Unshaded granite tableland 600-1100m, Cox and Rivers.	100	
GW p23	Trees: Eucalyptus diversifolia, E. macrorhyncha. Shrubs: Melicope uricarpa. Groundcover: Monstera stipitata, Gonocapsus tetragynus, Lomandra filiformis ssp. coriacea, Hydrocyte laxiflora, Hypericum gramineum, Hibbertia oblonga, Goodenia heterodoxa, Oxalis perennans, Australianandra racemosa.	Open eucalypt forest with sparse shrub layer and grassy groundcover.	Unshaded hills on tableland 550-1100m, Hartley-Broadwood.	1600	
GW p24	Trees: Eucalyptus diversifolia, E. viminalis, E. pauciflora. Shrubs: Allocasuarina bracteata, Clerodendron paniculatum, Pittosporum undulatum, Persoonia linearis. Climbers: Cissus hypoleuca, Campanula australis, Tylephora baueri, Clerodendron paniculatum, Pittosporum undulatum, Persoonia linearis.	Eucalypt woodland with sparse shrub layer and grassy groundcover.	Loamy soils on unshaded tableland 650-900m, Abercrombie River-Broadwood.	2400	
GW p420	Trees: Eucalyptus viminalis, E. melbournensis, Rubus parviflorus, Acacia melanoxylon. Climbers: Glycine clandestina, Hydrocyte laxiflora, Microseris stipitata, Acacia noosa-zelandiae, Geranium sp., Desmodium varians, Poa tenuifolia, Eriochiton ovatus, Diodia caerulea, Pratia purpurascens.	Eucalypt woodland with sparse shrub layer and grassy groundcover.	Rising granite terrain 550-1050m on the tablelands, Hartley-Broadwood.	7400	
Dry Scrophyl Forests (shrubby/grassy)	DSF p37	Trees: Eucalyptus punctata, E. fibrosa, E. gunnii. Shrubs: Persoonia linearis, Phyllanthus hitzfeldii, Lissocarpha strigosa, Noetelia longifolia. Climbers: Billardiera scandens, Hardenbergia violacea, Glycine clandestina. Groundcover: Parthenanthes microphylla, Hypericum gramineum, Lomandra glauca, Poa labillardierei, Dichelachne micrantha.	Eucalypt woodland with open understory of sclerophyl shrubs and grasses.	Dry hill slopes of loamy soils 150-650m, Burragorang valley.	9800
DSF p6	Trees: Angophora bakeri, Eucalyptus punctata, Eucalyptus scrobicularis. Shrubs: Leptospermum squamulosum, Pimelea linifolia, Persoonia linearis, Phyllanthus hitzfeldii, Banksia spinulosa. Groundcover: Entolasia stricta, Goodenia heterodoxa, Chionanthus sieberi, Desmodium varians, Lomandra multiflora, Aristea ramosa, Dichelachne micrantha, Microseris stipitata, Antidroseris pedunculata.	Eucalypt woodland with open layer of sclerophyl shrubs and grasses.	Transitional shale-sandstone soils in rainsheds 100-600m, Burragorang-upper Nepean.	960	
DSF p38	Trees: Eucalyptus tenuicornis, Brachychiton populneus, E. melliodora. Shrubs: Olearia viscidula, Persoonia linearis, Lissocarpha strigosa, Glycine clandestina, Clematis aristata. Groundcover: Dicordia spp., Eriochiton ovatus, Diodia caerulea, Pratia purpurascens.	Eucalypt woodland with a mixed understory of shrubs and ferns.	Loams on slopes within rocky gorge 150-700m, Wollondilly & Shoalhaven.	3700	
DSF p36	Trees: Eucalyptus tenuicornis, E. crebra, Acacia implexa. Shrubs: Brevia oblongifolia, Banksia spinulosa, Noetelia longifolia, Persoonia linearis, Astronomia diffusa, Cymbopogon refractus, Eriochiton ovatus, Diodia caerulea, Pratia purpurascens.	Open eucalypt forest with an open shrub layer and prominent groundcover of farts and ferns.	Loams on intermediate slopes within rocky gorges 100-750m, Kowmung & Wollondilly gorges.	17000	
DSF p88	Trees: Eucalyptus crebra, E. eximia, E. gunnii. Shrubs: Indigofera australis, Clerodendron paniculatum, Pittosporum undulatum, Persoonia linearis, Astronomia diffusa, Cymbopogon refractus, Eriochiton ovatus, Diodia caerulea, Pratia purpurascens.	Loams on dry slopes within rocky gorges 100-750m, Kowmung & Wollondilly gorges.	12000		
DSF p82	Trees: Eucalyptus crebra, E. gunnii. Shrubs: Indigofera australis, Clerodendron paniculatum, Pittosporum undulatum, Persoonia linearis, Astronomia diffusa, Cymbopogon refractus, Eriochiton ovatus, Diodia caerulea, Pratia purpurascens.	Eucalypt forest with mixed understory of shrubs, vines, farts and grasses.	Shaded hill slopes on loamy soils within rocky gorges 100-650m, Burragorang gorge.	4900	
DSF p8	Trees: Allocasuarina torulosa, Eucalyptus punctata. Shrubs: Indigofera australis, Clerodendron paniculatum, Pittosporum undulatum, Persoonia linearis, Astronomia diffusa, Cymbopogon refractus, Eriochiton ovatus, Diodia caerulea, Pratia purpurascens.	Eucalypt woodland with open understory of sclerophyl shrubs and grasses.	Dry rocky escarpment slopes with loamy soils 150-450m, Burragorang gorge.	60	
Dry Scrophyl Forests (shrubby)	DSF p86	Trees: Eucalyptus sieberi, E. radiata, E. gunnii. Shrubs: Persoonia linearis, Leucopogon lanceolatus, Monstera stipitata, Gonocapsus tetragynus, Pseudoscleropodium elegans, Cymbopogon refractus.	Eucalypt forest with intermediate of sclerophyl shrubs and grasses.	Gently rising slopes on ridges on high ranges 650-1200m, Hartley-Broadwood.	7700
DSF p10	Trees: Eucalyptus sieberi, E. gunnii. Shrubs: Hibbertia oblonga, Persoonia linearis, Leucopogon lanceolatus, Dicordia revoluta, Diodia caerulea, Monstera stipitata.	Open eucalypt forest with open understory of sclerophyl shrubs and farts.	Sandy loams on ridges on the eastern tableland margin 550-900m, Joadja-Broadwood.	30	
DSF p14	Trees: Eucalyptus sieberi, E. gunnii. Shrubs: Hibbertia oblonga, Persoonia linearis, Leucopogon lanceolatus, Dicordia revoluta, Diodia caerulea, Monstera stipitata.	Open eucalypt forest with open understory of sclerophyl shrubs, farts & grasses.	Sandy loams on ridges of the tableland interior 550-1150m, Wallerawang-Captains Flat.	790	
DSF p76	Trees: Eucalyptus sieberi, E. gunnii. Shrubs: Hibbertia oblonga, Persoonia linearis, Leucopogon lanceolatus, Dicordia revoluta, Diodia caerulea, Monstera stipitata.	Eucalypt forest with mixed understory of shrubs, farts & grasses.	Shaded slopes or high ridges on sandstone 650-1200m, western Blue Mtns.	4300	
DSF p31	Trees: Cymbopogon refractus, E. sieberi, E. gunnii. Shrubs: Leptospermum squamulosum, Lambertia formosa, Persoonia levigata, Banksia serrata, Phrynosma integrifolia, Acacia suaveolens, Isopogon anemonifolius, Dillwynia retorta, Petropbia pulchella, Banksia spinulosa, Noetelia longifolia, Persoonia linearis, Astronomia diffusa, Cymbopogon refractus, Goodenia heterodoxa, Chionanthus sieberi, Desmodium varians, Lomandra multiflora, Aristea ramosa, Dichelachne micrantha, Microseris stipitata.	Eucalypt forest with diverse sclerophyl shrub layer and open understory of sedges & grasses.	Coastal sandstone plateau below 600m, Woronora, Blue Mtns & Baysview.	12700	
DSF p36	Trees: Cymbopogon refractus, E. sieberi, E. gunnii. Shrubs: Leptospermum squamulosum, Lambertia formosa, Persoonia levigata, Banksia serrata, Phrynosma integrifolia, Acacia suaveolens, Isopogon anemonifolius, Dillwynia retorta, Petropbia pulchella, Banksia spinulosa, Noetelia longifolia, Persoonia linearis, Astronomia diffusa, Cymbopogon refractus, Goodenia heterodoxa, Chionanthus sieberi, Desmodium varians, Lomandra multiflora, Aristea ramosa, Dichelachne micrantha, Microseris stipitata.	Eucalypt forest with abundant sclerophyl shrubs & groundcover of sedges & farts.	Sandy loams on elevated sandstone plateau 600-1050m, upper Blue Mtns.	28900	
DSF p142	Trees: Eucalyptus sieberi, E. gunnii. Shrubs: Hibbertia oblonga, Persoonia linearis, Leucopogon lanceolatus, Dicordia revoluta, Diodia caerulea, Monstera stipitata.	Eucalypt forest with abundant sclerophyl shrubs and groundcover of sedges & farts.	Open eucalypt forest with dense groundcover of sedges & farts.	14400	
DSF p14	Trees: Cymbopogon refractus, E. sieberi, E. gunnii. Shrubs: Leptospermum squamulosum, Acacia suaveolens, Persoonia linearis, Leucopogon lanceolatus, Dicordia revoluta, Diodia caerulea, Monstera stipitata.	Eucalypt forest with dense groundcover of sedges & farts.	Loamy soils on elevated sandstone slopes 250-800m, mainly Nattie-Wingecarribee.	900	
DSF p146	Trees: Cymbopogon refractus, E. sieberi, E. gunnii. Shrubs: Leptospermum squamulosum, Persoonia linearis, Leucopogon lanceolatus, Dicordia revoluta, Diodia caerulea, Monstera stipitata.	Eucalypt woodland with open understory of sclerophyl shrubs and groundcover of sedges & farts.	Loamy soils on ridges below 400m in rainfall zone surrounding Cumberland Plain.	550	
DSF p244	Trees: Eucalyptus sieberi, E. gunnii. Shrubs: Persoonia linearis, Leucopogon lanceolatus, Dicordia revoluta, Diodia caerulea, Monstera stipitata.	Eucalypt forest with open understory of sclerophyl shrubs, farts & grass.	Exposed sandstone plateaus with damp shallow sandy soils 650-1050m, southern Blue Mtns.	930	
DSF p24	Trees: Eucalyptus sieberi, E. gunnii. Shrubs: Persoonia linearis, Leucopogon lanceolatus, Dicordia revoluta, Diodia caerulea, Monstera stipitata.	Eucalypt forest with open understory of sclerophyl shrubs and groundcover of sedges & farts.	Exposed sandstone plateaus with damp shallow sandy soils 650-1050m, upper Blue Mtns.	6300	
Freshwater Wetlands	FW p3	Shrubs: Epacris microphylla, Leptospermum continentale, L. myrsinifolium. Groundcover: Empodium minus, Gonocapsus micranthus, Leptospermum imbricatum, Lomandra multiflora, Poa umbellata.	Open eucalypt forest with dense groundcover of sedges & farts.	Hemic forms & peats on granite & ultramafic in headwater valley 500-1200m, Blue Mtns-Deua.	<10
FW p57	Shrubs: Leptospermum imbricatum, L. oblongatum, Lythrum salicaria. Groundcover: Baumea rubiginosa, Carex gaudichaudiana, Eleocharis sphacelata, Hydrocyte peduncularis, Ischaemum glaucum, Juncus usitatus, Leptospermum imbricatum, Persoonia linearis.	Denso groundcover of water-tolerant, soft-leaved sedges and farts and an open dense shrub layer.	Peats and humic forms in sediment-filled valleys from the Blue Mountains to Bradswell, 300-1100m.	320	
FW p130	Shrubs: Leptospermum imbricatum, Persoonia linearis, Sparganium erectum, Epacris obtusifolia, Hakea reticulata, Banksia ericifolia. Groundcover: Empodium minus, Leptospermum renex, Gymnoschoenus sphaerocephalus, Leptospermum imbricatum, Drosophyllum lusitanicum, Xyris complanata.	Open shrub canopy with dense groundcover of sedges & farts.	Hemic sandstone soils in headwater valleys 450-1100m, Blue Mtns-Snowy-Monaro plateau.	2600	
Forested Swamps	Fw p31	Trees: Eucalyptus deanei, E. gunnii. Shrubs: Rubus parviflorus, Leptospermum polygalifolium, Acacia spp., Glycine clandestina, Clerodendron paniculatum, Pittosporum undulatum, Persoonia linearis.	Tall eucalypt forest with an open shrub layer and dense groundcover of grasses & farts.	Sandy loams along major streams 100-200m on Hawkesbury-Nepean, Wollondilly & Kowmung.	740
Fw p32	Trees: Casuarina cunninghamiana. Shrubs: Hymenandra dentata, Unica incisa. Climbers: Stephania japonica, Pandorea pandoreana. Groundcover: Monstera stipitata, Lomandra multiflora, Opuntia australis, Dicordia repens.	Forest with an open shrub layer and a dense or patchy groundcover of grasses & farts.	Sandplain gravel along swift-flowing streams 20-600m, Cox, Abercrombie, Wollondilly, Shalhaven & Dharawal.	1500	
Fw p58	Trees: Tripteris laurina, Ceratopetalum apetum. Shrubs: Lomatia myricoides, Tristaniella neriifolia, Leptospermum mormonii. Groundcover: Lomandra longifolia, Entolasia stricta, Schoenus melanostachys, Lomandra fluitans, Sticherus flabellatus.	Scrub or low forest with clumped shrubs and sparse groundcover of sedges.	Sandy banks and sandstone beds of streams below 450m, Sydney basin.	150	
GW p20	Trees: Eucalyptus viminalis, E. pauciflora. Shrubs: Rubus parviflorus. Groundcover: Microseris stipitata, Dicordia spp., Acacia noosa-zelandiae, Hydrocyte laxiflora, Stellaria pungens, Poa labillardieri, Eriochiton ovatus, Geranium solanderi, Desmodium varians.	Open eucalypt forest with sparse shrubs & dense grassy groundcover.	Poorly-drained flats in headwaters of streams 550-1200m, Jenolan-Deua.	60	
Non-Native/Not-Vegetated Areas	NV	Urbanised or bare areas largely without native vegetation; forests, shrublands, grasslands and herbfields comprised primarily of exotic plant species, including exotic plantations and pastures. May include variable component			

This map forms part of the Native Vegetation Mapping Report Series 4, NSW Native Vegetation Mapping Program.

Map compiled by staff of the Scientific Services Division, NSW Department of Environment, Climate Change & Water.

* Drainage data supplied by NSW Department of Lands, Panorama Ave Bathurst NSW 2795.

* Geological data supplied by the Department of Mineral Resources, PO Box 536 Scone NSW 2650.

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This map is only reliable at the published scale of