Attribute lookup tables (LUT) for the *Australia's Indigenous land and forest estate (2024)* dataset

Table 1 Dataset attributes (Value attribute table or VAT)

Field name	Field type	Description
VALUE	Numeric	Unique identifier for each unique combination of attribute field values.
COUNT	Numeric	The number of cells that occur for a particular VALUE. For this dataset the cell size is 100 by 100 metres. The COUNT value is equivalent to the area in hectares.
STATE	String (Text)	State or territory in which the cell occurs.
IND_OWN	Numeric	Binary code where 0 = not Indigenous owned; 1 = is Indigenous owned.
IND_MNG	Numeric	Binary code where 0 = not Indigenous managed; 1 = is Indigenous managed.
IND_COMNG	Numeric	Binary code where 0 = not Indigenous co-managed; 1 = is Indigenous co-managed.
IND_OSR	Numeric	Binary code where 0 = not subject to other special rights; 1 = is subject to other special rights.
IND_EST	Numeric	Binary code where 0 = not in the total Indigenous estate; 1 = is in the total Indigenous estate. This field is the aggregate of the IND_OWN, IND_MNG, IND_COMNG and IND_OSR fields.
OVERLAP	Numeric	Binary code that describes whether the cell includes overlapping attributes within the total Indigenous estate, specifically where two or more of the fields for the four Indigenous attributes (IND_OWN, IND_MNG, IND_COMNG, IND_OSR). Code 0 = no overlap of Indigenous estate attributes; 1 = overlap of two or more Indigenous estate attributes.
IND_DESC	String (Text)	Text description of the Indigenous estate attributes that apply to the cell. Table 2 describes each Indigenous estate attribute.
IND_FDES	String (Text)	Indigenous estate land category combined (intersected) with the forest cover extent from the ABARES *Forests of Australia (2023)*[1] dataset. Table 2 describes each Indigenous estate attribute. Shows the extent which is forest land only – blank/null values are non-forest land.
FOR_CAT	String (Text)	NFI forest category name. See ABARES *Forests of Australia (2023)*[1] for further information.
FOR_TYPE	String (Text)	NFI forest type name. See ABARES *Forests of Australia (2023)*[1] for further information.
SYM_IO	String (Text)	Combination of the IND_OWN and FOR_CAT fields to fulfil a symbology layer that shows the land and forest that is Indigenous owned.
SYM_IMCM	String (Text)	Combination of the IND_MNG, IND_COMNG and FOR_CAT fields to fulfil a symbology layer that shows the land and forest that is Indigenous managed or Indigenous co-managed.

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[1] agriculture.gov.au/abares/forestsaustralia/forest-data-maps-and-tools/spatial-data/forest-cover

Field name	Field type	Description
SYM_OSR	String (Text)	Combination of the IND_OSR and FOR_CAT fields to fulfil a symbology layer that shows the land and forest that is subject to other special rights for Indigenous peoples and communities.
SYM_IE	String (Text)	Combination of the IND_EST and FOR_CAT fields to fulfil a symbology layer that shows the land and forest that is in the total Indigenous estate.
IND_CODE	Numeric	Unique code that outlines all unique combinations of Indigenous estate categories (IND_OWN, IND_MNG, IND_COMNG and IND_OSR), and correlates with the text descriptions in IND_DESC. See Table 2 for further information.

Table 2 Lookup table for attribute fields IND_CODE and IND_DESC

IND_CODE value	Full Indigenous estate description (IND_DESC)	Corresponding Indigenous estate attributes			
		Indigenous owned	Indigenous managed	Indigenous co-managed	Other special rights
1	**Indigenous owned, Indigenous managed and subject to other special rights**	Yes	Yes	—	Yes
2	**Indigenous owned and Indigenous managed** (but not subject to other special rights)	Yes	Yes	—	—
3	**Indigenous owned, Indigenous co-managed and subject to other special rights**	Yes	—	Yes	Yes
4	**Indigenous owned and Indigenous co-managed** (but not subject to other special rights)	Yes	—	Yes	—
5	**Indigenous managed and subject to other special rights** (but not Indigenous owned)	—	Yes	—	Yes
6	**Indigenous managed** (but not Indigenous owned and not subject to other special rights)	—	Yes	—	—
7	**Indigenous co-managed and subject to other special rights** (but not Indigenous owned)	—	—	Yes	Yes
8	**Indigenous co-managed** (but not Indigenous owned and not subject to other special rights)	—	—	Yes	—
9	**Subject to other special rights** (but not Indigenous owned and not Indigenous managed or Indigenous co-managed)	—	—	—	Yes
0	**Non-Indigenous**	—	—	—	—

Note: All Indigenous owned land is either Indigenous managed or Indigenous co-managed. There is no identified land that is Indigenous owned that does not have a form of Indigenous management or co management.

The Indigenous estate attributes are as follows (ABARES 2020; Jacobsen et al. 2020):

Indigenous ownership

- **Indigenous owned**: Freehold land or forest that is owned by Indigenous communities, or land and forest for which ownership is vested through other mechanisms.
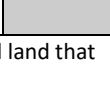
Indigenous management

- **Indigenous managed**: Land or forest that is managed by Indigenous communities.
- **Indigenous co-managed**: Land or forest that has formal, legally binding agreements in place to include input from Indigenous people in the process of developing and implementing a management plan.

Subject to other special rights

- **Other special rights**: Land or forest subject to native title determinations, registered Indigenous Land Use Agreements and legislated special cultural use provisions.

Table 3 Attribute symbology and colour values for the Indigenous forest estate layer (IND_FDES) and Indigenous land estate layer (IND_DESC)

Values for field IND_FDES or field IND_DES	RGB values			Hexadecimal value	Colour
	R	G	B		
Indigenous owned, Indigenous managed and subject to other special rights	255	85	0	#FF5500	
Indigenous owned and Indigenous managed (but not subject to other special rights)	144	42	42	#902A2A	
Indigenous owned, Indigenous co-managed and subject to other special rights	52	52	52	#343434	
Indigenous owned and Indigenous co-managed (but not subject to other special rights)	102	119	205	#6677CD	
Indigenous managed and subject to other special rights (but not Indigenous owned)	132	0	168	#8400A8	
Indigenous managed (but not Indigenous owned and not subject to other special rights)	223	115	255	#DF73FF	
Indigenous co-managed and subject to other special rights (but not Indigenous owned)	170	255	0	#AAFF00	
Indigenous co-managed (but not Indigenous owned and not subject to other special rights)	54	126	54	#367E36	
Subject to other special rights (but not Indigenous owned and not Indigenous managed or Indigenous co-managed)	255	187	51	#FFBB33	
Land that is non-Indigenous	255	255	255	#FFFFFF	
Forest that is non-Indigenous	204	204	204	#CCCCCC	

Note: All Indigenous owned land is either Indigenous managed or Indigenous co-managed. There is no identified land that is Indigenous owned that does not have a form of Indigenous management or co management.

Table 4 Attribute symbology and colour values for the area of land and forest that is Indigenous owned layer (SYM_IO)

Values for field SYM_IO	RGB values			Hexadecimal value	Colour
	R	G	B		
Forest that is Indigenous owned	127	0	0	#7F0000	
Forest that is not Indigenous owned	204	204	204	#CCCCCC	
Non-forest land that is Indigenous owned	255	127	127	#FF7F7F	
Non-forest land that is not Indigenous owned	255	255	255	#FFFFFF	

Table 5 Attribute symbology and colour values for the area of land and forest that is Indigenous
managed or Indigenous co-managed layer (SYM_IMCM)

Values for field SYM_IMCM	RGB values			Hexadecimal value	Colour
	R	G	B		
Forest that is Indigenous managed	0	0	80	#000050	
Forest that is Indigenous co-managed	149	91	62	#955B3E	
Forest that is not Indigenous managed and not Indigenous co-managed	204	204	204	#CCCCCC	
Non-forest land that is Indigenous managed	102	229	255	#66E5FF	
Non-forest land that is Indigenous co-managed	255	221	51	#FFDD33	
Non-forest land that is not Indigenous managed and not Indigenous co-managed	255	255	255	#FFFFFF	

Table 6 Attribute symbology and colour values for the area of land and forest that is subject to other special rights layer (SYM_OSR)
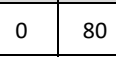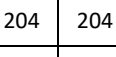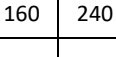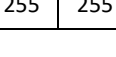
Values for field SYM_OSR	RGB values			Hexadecimal value	Colour
	R	G	B		
Forest that is subject to other special rights	100	75	0	#644B00	
Forest that is not subject to other special rights	204	204	204	#CCCCCC	
Non-forest land that is subject to other special rights	255	187	51	#FFBB33	
Non-forest land that is not subject to other special rights	255	255	255	#FFFFFF	

Table 7 Attribute symbology and colour values for the area of land and forest that is in the total Indigenous estate layer (SYM_IE)

Values for field SYM_IE	RGB values			Hexadecimal value	Colour
	R	G	B		
Forest that is in the total Indigenous estate	70	0	80	#460050	
Forest that is not is in the total Indigenous estate	204	204	204	#CCCCCC	
Non-forest land that is in the total Indigenous estate	230	160	240	#E6A0F0	
Non-forest land that is not is in the total Indigenous estate	255	255	255	#FFFFFF	

References

ABARES 2020, Australia's forests and forestry glossary, ABARES, Canberra, CC BY 4.0.

Jacobsen R, Howell C, Read SM 2020, Australia's Indigenous land and forest estate: separate reporting of Indigenous ownership, management and other special rights, ABARES technical report, Canberra DOI: doi.org/10.25814/bqr0-4m20. CC BY 4.0.