

CALM  
DEPARTMENT OF FISHERIES AND WILDLIFE

RESERVE/PROPOSED RESERVE INSPECTION REPORT

NAME KOOLIA BEENEE  
REASON FOR SURVEY Request from Land Administration  
RESERVE NO. .... FILE NO. 023782 F 3103 (W 516/86)  
LAND DISTRICT SWAN LOCATION NO(S) 5237  
LITHO ..... AREA (ha) 168  
PERSONNEL A. H. BURBIDGE, L. TALBOT (MUNDARING) + A. TINLEY (TRAINEE)  
METHOD ..... DATE 15/12/86 TIME approx 1100 - 1500  
TEMPERATURE (°C) 25 WIND DIRECTION ..... SPEED (km/h) .....  
CLOUD .....

ADJOINING LAND:

NORTH Koolia beenee Rd. FENCE None  
WEST Loc 12017 + 12081 FENCE Good cyclone fence along 12017; none along 12081  
SOUTH Loc 12 farm FENCE Good cyclone fence  
EAST 127161 Rifle Range FENCE None (But 127161 is fenced on E side)

HUMAN USAGE See L. Talbot's report re airstrip (f. 10 of W 516/86).

There is a small shed, with no walls, at the middle of the south side of the airstrip. There is some rubbish at this location.

Users of the Adjacent Rifle Range obtain access through Loc 5237 at near the NE corner. Another track runs diagonally NE to SW across the centre of the land. There is a track along part of the boundary with the Rifle Range, another along the S boundary and part of the northern end of the W boundary.

Most of the land is relatively free of weeds, but there is a marked invasion of Veldt grass and other weeds (including Heliconia) around the airstrip. Some rubbish (mostly bottles and tins) in this area also.

Much of the area has been cut over for timber at some time in the past, but there is much coppice growth in the Jarrah now.

**FIREBREAKS** ... See L. Talbot's report (t. 10) .....

**SOILS** ... Whitish sand over the whole area. Possibly shallower in the north where Dryandra sessilis occurs in a few patches. ....

**PLANT FORMATIONS** Sparse Tarrak woodland (10-30% , 15-20 m) over the whole area, over woodland, very sparse to sparse, of Banksia ~~alt.~~ altenuata, B. <sup>B. primores</sup> menziesii, B. grandis (rarely, and ~~sparse~~ scattered Eucalyptus tottiana, over ~~has~~ mid-dense low heath, mostly less than 0.5 m, of Hibbertia hypericoides, Xanthorrhoea, Conostegium, Allocasuarina humilis (patches) and other shrubs, with emergents of Dryandra or Adenanthos (woolly bud) and other shrubs in some areas, especially near the airstrip.

**PLANT SPECIES** See attached. Herbaceous layer sparse, but including? Lycopodium, Stylidium spp. and Conostegia sp., Nesomeles and Anigozanthos humilis.

**NEST HOLLOW**s A number of remaining old Tarraks have a range of hollows.

**WEEDS** Veldt grass, Trifolium sp. and others, but mostly restricted to the boundaries and (especially) the airstrip.

**FIRE HISTORY** Part of the area near the Rifle Range was burnt within the last year. The remainder of the area has not been burnt for several years.

**MAMMALS** Western Grey Kangaroo - several seen; many tracks and scats

BIRDS

Brown Honeyeater	Sacred Kingfisher
Rufous Whistler	Western Gerygone
Little Wattlebird	Australian Raven
White-cheked Honeyeater	Tawny-crowned Honeyeater
Red-capped Parrot	Wedge-tail
Port Lincoln Parrot	Striated Pardalote
Silvereye	Rainbow Bee-eater
Singing Honeyeater	Dusky Woodswallow
Emu (scats)	Splendid Fairy-wren
Tree Martin	(Little Eagle over Loc. M.2017, near boundary)

REPTILES AND FROGS

None seen

INSECTS, CRUSTACEANS, ETC.

RECOMMENDATION This land would be valuable as a Nature Reserve. It is ~~not~~ similar to some ~~parts~~ of the sandy parts of the proposed Boonawarring Nature Reserve to the north, but is floristically less diverse, and has more Tarrak than these areas. It would be of somewhat higher conservation value if it could be combined with reserve 12334 (Water Catchment ~~for~~ Purposes) which is adjacent but on the other side of MacTiabeonee Rd. This latter reserve has apparently been inspected by an officer from the Warracoe District Office of CAZM.

MAP ATTACHED?

YES/NO

If not, why not?

PHOTOGRAPHS ATTACHED?

YES/NO

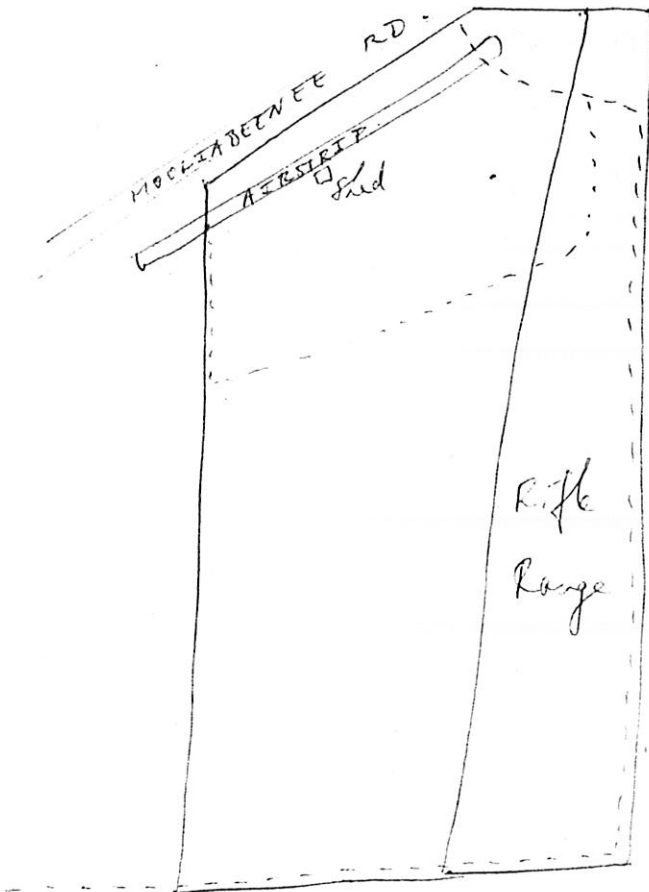
If not, why not?

Film not yet developed.

IF INSUFFICIENT ROOM ATTACH EXTRA SHEETS.

*W. B. Budge*

SIGNATURE



— Boundaries  
--- Tracks (approx.)

## POACEAE

\* *Ehrharta* sp.

## CYPERACEAE

*Mesomelaena* sp.

## RESTIACEAE

? *Lyginia* sp.*Loxocarya* sp.

## XANTHORRHOACEAE

*Xanthorrhoea preissii* sensu lato

## HAEMODORACEAE

*Conostylis* sp.*Haemodorum* sp.

## CASUARINACEAE

*Allocasuarina humilis*

## PROTEACEAE

*Adenanthos sericea**Banksia attenuata**Banksia grandis**Banksia menziesii**Banksia prionotes**Conospermum triplinerveum**Conospermum* sp.*Dryandra nivea**Dryandra sessilis**Hahea trifurcata**Petrophila* sp. / *Isopogon* sp.*Stirlingia latifolia*

## LORANTHACEAE

*Nuytsia floribunda*

## CRASSULACEAE

*Crassula* sp.

## TITTOSPORACEAE

*Billardiera* sp.

## MIMOSACEAE

*Acacia stenoptera*

## PAPilionACEAE

*Gompholobium aristatum**Jacksonia floribunda*\* *Trifolium* sp.

## DILLENIACEAE

*Hibbertia hypericoides**Hibbertia* s.f. *glomerosa*

## MYRTACEAE

*Calytrix angulata**Eremaea pauciflora**Eucalyptus calophylla**Eucalyptus marginata**Eucalyptus todtiana**Kunzea* sp.*Leptospermum rubescens**Metaleuca scabra**Thryptomene* sp.*Verticordia densiflora*

## GOODENIACEAE

*Dampiera linearis*

## STYLIDACEAE

*Levenhookia* sp.*Stylidium adpressum**Stylidium braconianum**Stylidium pitifolium**Stylidium repens*