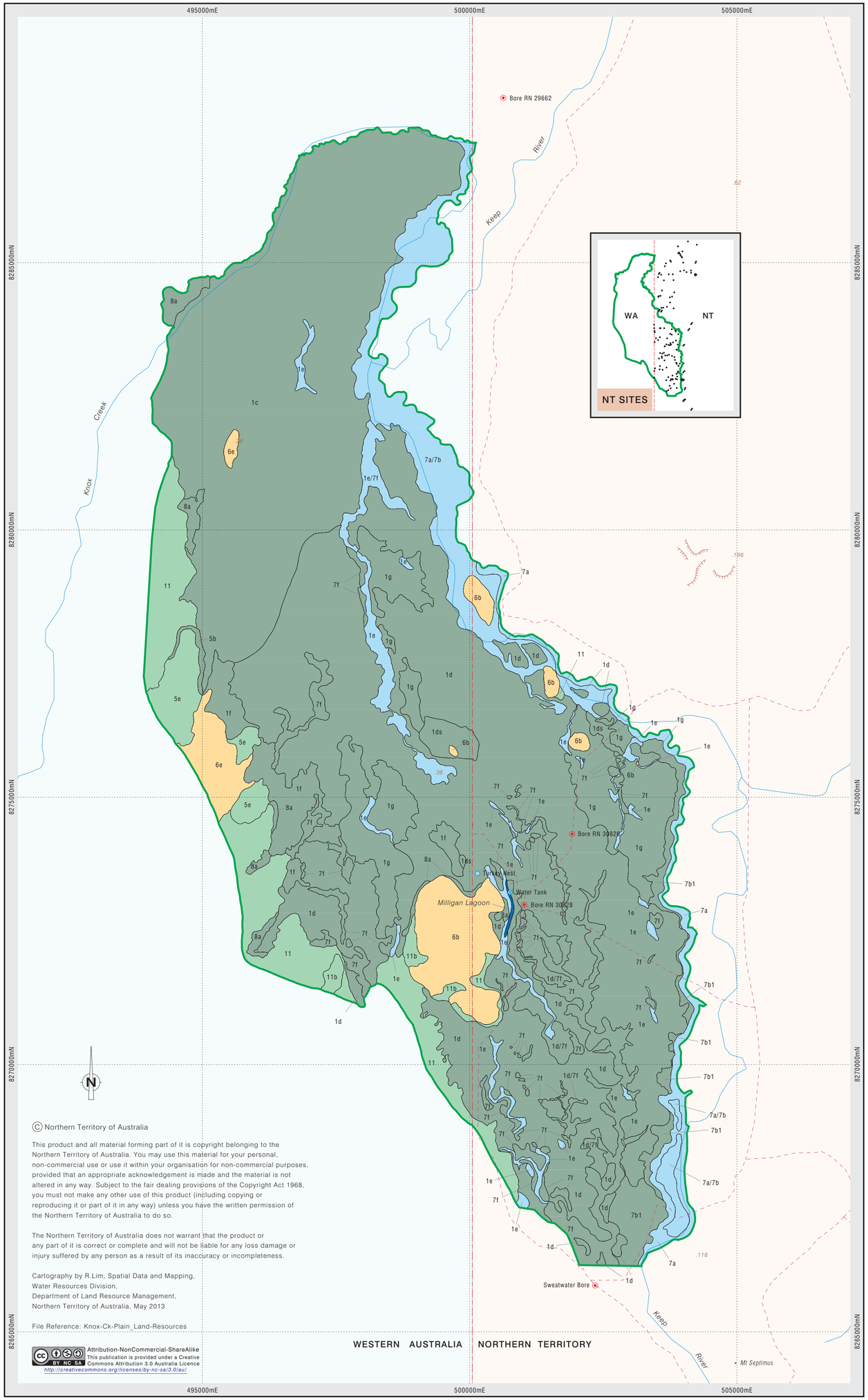

Cartography by R.Lim, Spatial Data and Mapping,
Water Resources Division,
Department of Land Resource Management,
Northern Territory of Australia, May 2013

File Reference: Knox-Ck-Plain_Land-Resources

LAND UNIT DESCRIPTIONS

ALLUVIAL PLAINS

1c Flat to very gently sloping plain occasionally traversed by very minor depressions or flow pathways. Mainly brown cracking clays with a weakly self-mulching surface, carbonates in the B horizon and gypsum crystals frequent below 1 m (Cununurra). Eucalyptus microtheca, Exoecaria parvifolia mid high open woodland or mixed species tall tussock grassland.

1d Flat to very gently sloping plain occasionally traversed by very minor depressions or flow pathways. Mainly grey cracking clays with a weakly self-mulching surface; carbonates in the B horizon and gypsum crystals below 1 m (Cununurra). Eucalytpus microtheca, Exoecaraia parvifolia mid high open woodland or mixed species tall tussock grassland.

1d/7f Flat to very gently sloping plain occasionally traversed by very minor depressions or flow pathways. Mainly grey cracking clays with a weakly self-mulching surface; carbonates in the B horizon and gypsum crystals below 1 m (Cununurra). Eucalytpus microtheca, Exoecaraia parvifolia mid high open woodland or mixed species tall tussock grassland. 7f component present.

1ds Flat to very gently sloping plain occasionally traversed by very minor depressions or flow pathways; this is similar to 1d however the surface is covered with up to 50% rounded stones. Mainly grey cracking clays with a weakly self-mulching surface; carbonates in the B horizon and gypsum crystals below 1 m (Cununurra). Eucalytpus microtheca, Exoecaraia parvifolia mid high open woodland or mixed species tall tussock grassland.

1f Flat to very gently sloping plain occasionally traversed by very minor depressions or flow pathways with numerous traces of remnant stream levees too small to map separately. Mainly grey cracking clays with a weakly self-mulching surface; carbonates in the B horizon and gypsum crystals below 1 m (Cununurra). Eucalytpus microtheca, Exoecaraia parvifolia mid high open woodland or Mixed species tall tussock grassland.

1g Flat to very gently sloping alluvial plains with a self mulching surface. Mainly grey cracking clays with a self-mulching surface; carbonate and manganese nodules in the B2 horizon and gypsum crystals at depth (Cununurra). Chrysopogon fallax, Aristida latifolia and Iselemia sp. mixed species mid high tussock grass.

5b Flatter parts of the Knox Creek plain. Cracking clays, typically Aquitaine greyish phase. Bauhinia cunninghamii, Exoecaria parvifolia, Acacia sp. mid high open woodland.

7b1 Levees and backplains of the Keep River. Cracking and non cracking grey and brown clays. Chrysopogon fallax, Iseilema vaginiflorum, Sorghum spp. tall tussock grassland.

7f Remnant levees of prior streams. Red to brown, sandy or loamy surface soils over clay. Corymbia bella, Eucalyptus microtheca, Bauhinia cunninghamii open woodland.

8a Complex, depressed peripheral zones adjoining sandy or lateritic systems. Variable, yellow brown cracking clays or hardsetting loams over mottled yellow or brown clays. Eucalyptus microtheca, Exoecaria parvifolia, Eucalyptus tectifica open woodland.

PLAINS

5e Flat to gently sloping plain. Variable grey clayey soils over limestone.

11 Broad gently sloping outwash fans from the sandstone hills surrounding the Knox Creek plain. Variable, often hardsetting sands or loams over mottled yellowish clays. Eucalyptus tectifica, Corymbia confertiflora, Adansonia gregorii open woodland.

11b Small areas of gentle slopes (generally <5%) flanking hills. Apedal reddish brown loamy sand grading to red clayey sand at depth. Eucalyptus tectifica, Adansonia gregorii open woodland.

RISES

6b Sandstone outcrops with associated with steep banks and sandy colluvial aprons. Sandy colluvial aprons around outcrops.

6e Gently undulating rises with occasional rock outcrops in bands on the rises. Variable red, brown or yellow soils, often sandy. Corymbia confertiflora, Acacia dunii, Cochlospermum fraseri open woodland.

DRAINAGE SYSTEMS

1e Flat to very gently sloping depressions which provide flow paths for drainage water. Typically grey or brown cracking clays (Cununurra). Eucalytpus microtheca, Exoecaraia parvifolia mid high open woodland or mixed species tall tussock grassland.

1e/7f Flat to very gently sloping depressions which provide flow paths for drainage water. Typically grey or brown cracking clays (Cununurra). Eucalytpus microtheca, Exoecaraia parvifolia mid high open woodland or mixed species tall tussock grassland. 7f component present.

7a Major rivers and creeks and associated steep and sometimes eroded banks. Grey and brown cracking clays (Cununurra). Corymbia bella, Eucalyptus microtheca, Bauhinia cunninghamii open woodland.

7a/7b Major rivers and creeks and associated steep and sometimes eroded banks. Grey and brown cracking clays (Cununurra). Corymbia bella, Eucalyptus microtheca, Bauhinia cunninghamii open woodland. 7b component present.

WATER BODY

Water body

Example of Land Unit Descriptions

RISES

5a1 — Undulating stony basalt rises, rock outcrop in some areas. Very shallow soils (Leptic Rudosols). Snappy gum low woodland with soft spinifex grasslands. (Eucalyptus brevifolia open woodland)

Landform; Landform description; Soil description; Land unit; Vegetation description; Vegetation community

kilometres 0 1 2 3 4 5 kilometres

Black numbered lines are 5000 metre intervals of the Map Grid of Australia (MGA)
Zone 52, Transverse Mercator Projection, Horizontal Datum: GDA 94

GDA This map was produced on the Geocentric Datum of Australia 1994 (GDA 94)

Land resource information has been derived from aerial photograph interpretation and field collection of data describing landform, soil and vegetation. Mapping has been collected according to the national standards and prepared at a scale of 1 : 50 000. Enlarging this map beyond this scale will not provide further detail. A site inspection should always accompany mapping for specific areas.

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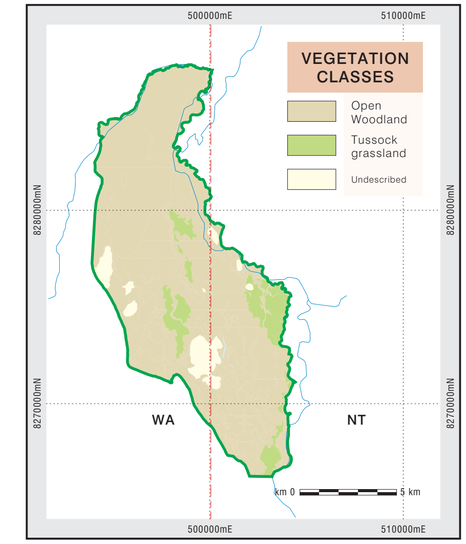

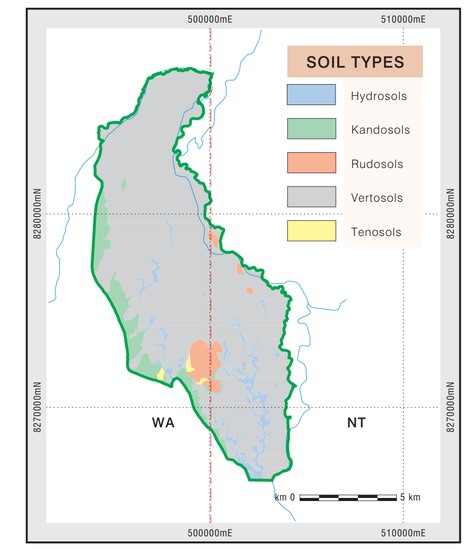

GENERAL FEATURES

- Land unit boundary
- Property boundary
- Park / Reserve
- Local road / track
- State border
- Drainage line
- Ridge
- Water Bore
- Turkey nest
- Water tank
- Relief feature, named — Mt Septimus
- Spot height — 184

MAP LOCALITY & 1:100 000 MAP SHEET INDEX

INDEX TO ADJOINING SHEETS

LEGUNE 4767	VICTORIA RIVER 4867
KEEP 4766	PINKERTON 4866

LAND RESOURCES of THE KNOX CREEK PLAIN

Northern Territory Government

MAY 2013