

## **PASTORAL LAND BOARD**

*Pastoral Land Act – section 38(1)(h)*

# **CONSENT TO CLEAR PASTORAL LAND**

**PERMIT NUMBER: PLC07/6**

## **DESCRIPTION OF LAND THE SUBJECT OF THE PERMIT**

Station Name: Nenen  
Pastoral Lease No: PL 957  
NT Portion: 2978  
Pastoral District: Sturt Plateau Pastoral District

## **DETAILS OF APPROVED CLEARING**

The Pastoral Land Board on 11 October 2007 granted consent to the clearing of approximately 3105 hectares in accordance with the attached schedule of conditions and the endorsed clearing plan Drawing No. 07/957/1.

## **REASONS FOR DECISION**

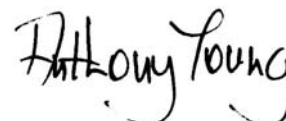
1. The application is in accordance with the Land Clearing Guidelines 2002.
2. Soil types in the areas approved for clearing are suitable for clearing and pastoral land use.
3. The property management plan addresses relevant resource management issues.

## **PERIOD OF THE PERMIT**

This permit will lapse if clearing has not commenced within 3 years and/or has not been completed within 5 years of the date of this permit; and the lessee will need to seek an extension of time from the Pastoral Land Board to complete the clearing.

## **APPEAL**

Under section 119 of the *Pastoral Land Act*, a pastoral lessee who is dissatisfied with a decision of the Pastoral Land Board may appeal to the Pastoral Land Appeal Tribunal against the decision of the Board. Appeals may be lodged with the Registrar of the Appeal Tribunal within 28 days of notification of the decision of the Board.



A D Young  
Chairman  
Pastoral Land Board  
24/10/2007

## CONSENT TO CLEAR PASTORAL LAND

### PERMIT NUMBER: PLC07/6 SCHEDULE OF CONDITIONS

1. Clearing carried out under this permit shall be in accordance with drawing number 07/957/1 endorsed as forming part of this permit, to the satisfaction of the Chairman, Pastoral Land Board.
2. All clearing is to be carried out on the contour.
3. Areas of rock outcrops and stone arrangements are not to be cleared and are to be avoided during clearing procedures and any construction works carried out.
4. Clearing and ongoing resource management shall be in accordance with the Property Management Plan for Land Clearing Development endorsed as forming part of this permit, to the satisfaction of the Chairman, Pastoral Land Board.
5. The Director Rangelands Management Branch, Department of Natural Resources, Environment and the Arts is to be notified before the commencement of clearing and on completion of the clearing development.

#### NOTES

1. The Aboriginal Areas Protection Authority recommends that the pastoral lessee obtain an Authority Certificate to indemnify against prosecution under the *Aboriginal Sacred Sites Act 1989*.
2. The permit holder is advised that there are statutory obligations under *the Weeds Management Act 2001* to take all practical measures to manage weeds on the property. For advice on weed management please contact the Regional Weeds Officer, Natural Resources, Environment and the Arts on telephone 8973 8107.
3. Fire prevention measures are to be implemented in accordance with the requirements of the *Bushfires Act*. Permits must be obtained from the Regional Fire Control Officer of the Department of Natural Resources, Environment and the Arts (telephone 8973 8871) before ignition of any felled timber in this area.
4. The *Heritage Conservation Act 1991* protects archaeological places and objects, regardless of the level of documentation that the Office of Environment and Heritage has of such sites. It is an offence to undertake work on a place or object without the consent of the Minister for Environment and Heritage.
5. It is the responsibility of the pastoral lessee to refer the proposed development to the Commonwealth Department of the Environment and Heritage under the *Environment Protection and Biodiversity Conservation Act* should they believe the proposed development may have a significant impact on a matter of national environmental significance as outlined in that legislation.



A D Young  
Chairman  
Pastoral Land Board

24/10/2007

# NORTHERN TERRITORY PASTORAL LAND BOARD



This is the Property Management Plan for Land Clearing  
Development referred to in Pastoral Land Clearing Permit  
No. PLC07/6 issued on 24/10/2007

CHAIRMAN  
PASTORAL LAND BOARD

## Property Management Plan for Land Clearing Development

### Pastoral Lease No: PL 957 Nenen Station

#### 1. Overview of Proposed Clearing & Whole Property Development

##### **Summary of clearing & development program for the whole property.**

Over the past 10 years an extensive development program has been implemented. Paddocks have been reduced in size and additional watering points installed. The development program was designed to increase herd size and achieve economy of scale and best practice. Nenen Station currently carries 7000 head of cattle. Our clearing program is designed to meet the ongoing demand for weaners suitable for live export market.

##### **Details of the natural resources (native vegetation and pasture, soils, waters, average rainfall) and current status (is native vegetation stable, current land condition and weed status).**

The property is virtually weed free. The average rainfall for Nenen Station is 900mm. The soils to be cleared are similar to the Banjo land system and are suited to intensive development. Similar soils were developed under the previous clearing application lodged in 2003. There is currently a 300,000 gallon turkey and associated water points within the development areas. Further waters will be provided once the clearing has been completed.

##### **How does the proposed clearing development fit into the long term aims for the property?**

Developing improved pasture compliments our long term aim, for our cattle operations and will allow the cattle to be turned off at a younger age in better condition to enable us to meet market demands.

**Number of cattle currently carried and proposed final number of cattle to be carried on the property following completion of the clearing development.**

The proposed project is not designed to increase carrying capacity. It is designed to provide year round high quality grazing and assist with animal nutrition.

## **2. Cost and Benefit of Development**

<b>ESTABLISHMENT COST</b>	<b>Cost</b>
Bull Dozer	
Pull total area	\$250,000.00
Stick Rake and Plough	\$300,000.00
Seed and Fertilize	\$120,000.00
Watering Point and Fencing	\$50,000.00
<b>Total Project Cost</b>	<b>\$720,000.00</b>

<b>MAINTENANCE COST</b>	
Fertilizer and Spray Regrowth Each Year	\$35,000.00
<b>Total Maintenance Cost</b>	<b>\$35,000.00</b>

**Projected increased annual income from the clearing development; per ha or km<sup>2</sup>.**

Expect to turn off sale cattle 30 kg heavier and 4-6 months younger. Currently cattle are turned off at a weight of 280-290kg at 24 months. It expected when the development is completed turn off weight will be approximately 330kg at 18 to 20 months.

### **3. Details of Proposed Clearing**

**Areas not to be cleared due to natural resource limitations (slope, rock outcrop, seasonal inundation, poor soils, highly erodible soils, watercourse and drainage line buffers and native vegetation strips to be retained for soil and drainage management).**

Gullies sinkholes and areas of excessive slope will be retained to minimise erosion and protect sensitive areas.

**Areas not to be cleared due to environmental and heritage considerations identified in Section II on the application form. Areas to be retained for wildlife corridors.**

Areas to be retained for wildlife corridors will be incorporated with erosion control buffers where required. Larger trees will be retained as shade trees. Clearing will not occur within 100m of sinkholes or drainage depressions. The clearing plan submitted with the application has incorporated preliminary buffers around future water points, sinkholes and wildlife corridor/erosion buffers.

**Details of clearing method, technique & timing of each stage (eg chaining, windrowing, raking, burning, pin wheel rake, site preparation).**

It is proposed to clear approximately 3105 hectares over 4 years in two parts. Part 1 is approximately 1615 hectares (excluding buffers) and Part 2 is approximately 1490 hectares (excluding buffers). Chaining will commence after sufficient rain to pull the trees without breaking them off. Once chained it will left to dry for 12 months and then burnt.

The area will then be stick raked and planted to the seed mixture chosen. Seeding will be carried out at rate of 3kg to the hectare. Weed and regrowth control will be undertaken annually.

**Details of waterway establishment, graded banks and other earthworks for run off management and infrastructure development.**

Clearing operations will not be carried out within 100 metres of watercourses or where slope exceeds 2%. The proposed sites have been selected to meet these criteria. There is suitable machinery stationed on the property to deal with any soil conservation measures if they should occur.

### **4. Ongoing Resource Management**

**Grazing regimes and pasture management plan (periods of stocking, stocking rates, spelling, fertiliser and woody regrowth management)**

Pasture will be established by the combine planter. Annual maintenance will require fertiliser to be applied at a rate of 50 kg hectare annually. Spot spraying to control sucker regrowth will occur as required. To ensure the sustainability of the Cavalcade it will be sprayed every 18 months with “Spinnaker” to limit the growth of the native grasses

**Weed Management Plan (to include weed species present, area of weeds, areas at risk, control measures proposed, including measures to prevent new weed infestations)**

The area is currently weed free. All seed to be used in the project will be purchased certified weed free. Grazing practices on Nenen require constant monitoring of pasture and cattle condition. This will detect any weeds that may emerge during the growing season, facilitating their removal before becoming established. Eliminating the threat of weeds becoming established is one of the objects of this proposal.

**The exotic Pasture Species Management Plan (to include details of exotic pasture species and areas planted. Buffer zones around exotic pasture species, location of watercourses, measures proposed to prevent spread to non target areas, grazing systems, location of fences & watering points)**

The proposed pasture species have been established on Nenen previously as part of the clearing application approved by the Pastoral Land Board in 2003. To date there has been no spread of these species into areas neighbouring where they were initially establishment. Experience with these species has clearly demonstrated their suitability for their proposed use, but have proven difficult to establish without an ongoing management regime.

**Fire Management Plan (use of fire for management and protection from wildfires).**

Firebreaks have been established around the paddocks and are annually maintained. Burning is not part of the planned management program.

**Native Vegetation Management Plan (prevention of degradation to remaining native vegetation, including native vegetation buffers).**

There are no plans to extend the current areas, native trees are required to provide shade and shelter for livestock and native animals.

**Erosion and Sediment Control Plan (erosion prevention and strategies for rehabilitation if erosion occurs).**

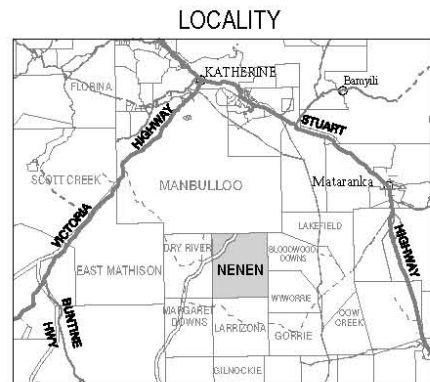
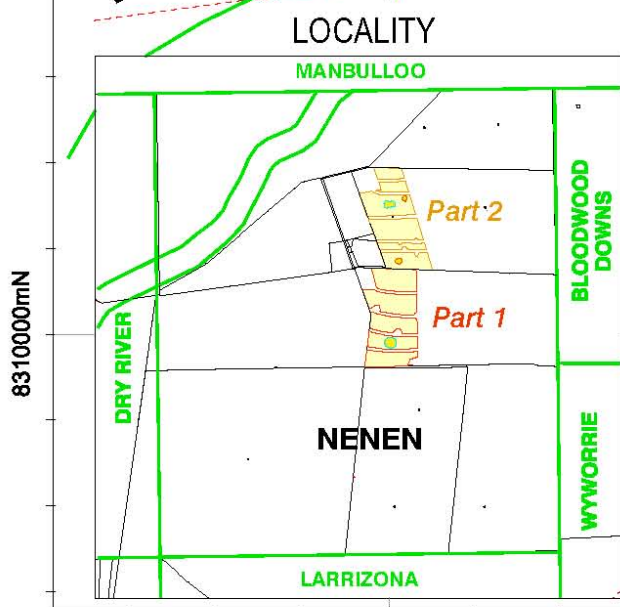
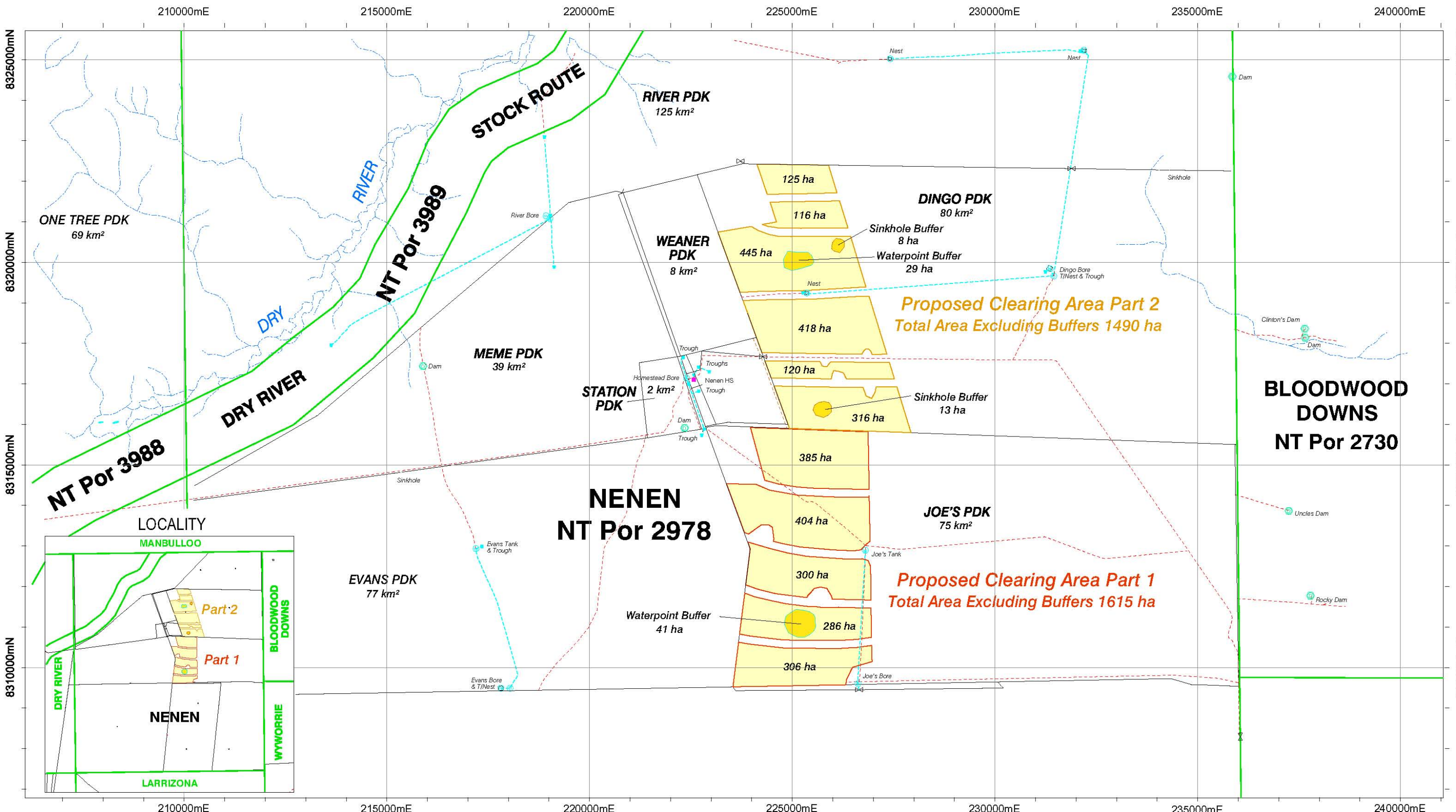
Due to slight slope (less than 2%) we do not envisage erosion occurring. If erosion was to occur we have adequate machinery based on the station to carry out remedial soil conservation works if required. Water diversion banks will be constructed if required.

**Feral Animal Management Plan**

The area is free of feral animals. Dingo baiting is carried out as required.



**APPLICANT'S SIGNATURE**



Drawing No. 07 / 957 / 1  
Sheet 1 of 1

**NENEN  
PASTORAL LEASE  
NT Por 2978 PL 957  
AREA APPROVED  
FOR CLEARING**  
(Total Area is 3105 ha)

This is the drawing referred to in Pastoral Land Clearing

Permit No: **PLC 07/6**

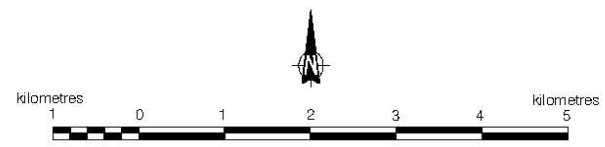
Issued on: **24/10/2007**

*Anthony Young*  
CHAIRMAN, PASTORAL LAND BOARD

For further information contact  
Director Rangelands Management Branch  
Department of Natural Resources, Environment and the Arts  
Phone: (08) 8999 4474, Fax: (08) 8999 4403  
Plot file reference - Rangelands Management, Palmerston  
CLR 07D957.pdf, Date: 23th October, 2007.

- LEGEND**
- AREA TO BE CLEARED**
  - Fencelines; Stock/Drafting Yards**
  - Cadastral Boundary**
  - Highway Sealed**
  - Tracks**
  - Non Perennial Creek**
  - Creek or River Perennial**
  - Water Pipeline**
  - Reservoir**

- CLEARING NOTES**
1. Buffer zones a minimum of 25 metres wide from the outer edge of the seepage line shall be maintained each side of all drainage lines.
  2. Any areas with slopes exceeding 2% are not to be cleared.
  3. Appropriate erosion and sediment control measures are to be implemented to prevent soil erosion occurring.
- Property Infrastructure:  
Rangelands Management Branch, DNRETA, Darwin.  
(Current as at last DNRETA inspection date of 31/8/2005).  
For further property details refer to NEN.pdf from the department.
- Cleared Ares  
Proposed by applicant and drawn using GPS point data supplied by the Rangelands Management Branch, Palmerston, N.T.
- Map Produced by:  
Rangelands Management Branch, DNRETA, Palmerston, N.T.



Map Grid of Australia (MGA) Zone 53  
Universal Transverse Mercator Projection  
Horizontal datum: Geocentric Datum of Australia (GDA) 1994

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