



Information to support clearing permit application

Karajarri Native Title Area at Malupirti

Location

The proposed drilling sites are within 200 km of Broome (Figure 1) at Malupirti Springs (also known as Munro Springs).



Figure 1: Location of proposed bore sites

Where possible drilling works will be carried out on clear land, and existing tracks will be utilized to minimize the amount of clearing of vegetation. There may be areas on the ground where vegetation may need to be cleared on drilling pads or on tracks if existing tracks are overgrown. Additionally, some widening of existing tracks may be required, particularly around corners, this will be limited to a maximum of a 3 m wide track.

A 40 m wide corridor has been applied for in the permit along tracks and at drilling pads to make sure that the clearing permit covers existing tracks that have been sighted from satellite imagery. The corridor is intended to ensure that minimum vegetation is cleared by allowing travel and track maintenance in already clear areas.



Please note; this is to allow for creation of a track or pad in a clear area or driving around vegetation rather than having to clear vegetation if this permit was only for a 3 m wide corridor). Some sites have a larger corridor at the pad to ensure that any sensitive cultural site can be avoided.

An area of 200 m² to 900 m² will be required around each bore site. where possible clearing of vegetation will be avoided by using non-vegetated areas. Clearing of vegetation within the corridor will only be conducted where necessary.

Details of the maximum potential clearing areas associated with the proposed bore sites are provided in **Error! Not a valid bookmark self-reference.** The land details are summarized in Table 2 and Site locations of the bore pads and access tracks and shown in Figure 2.

It is important to note that the clearing estimates are overestimates for the purposes of this clearing permit, actual clearing will far less as most access track are in good condition and bore sites have been chosen based on clear area.

Table 1: Potential clearing areas associated with proposed bore sites

Proposed Site	Estimated clearing area for pads (m ²) [^]	Estimated clearing for tracks (m ²)	Estimated clearing area for tracks and pads (m ²) [*]	Comments
MAL01	200	200	400	Approximate drilling site location. Most likely no clearing required.
MAL02	200	400	600	Clearing only required at pad and possibly around corner of track.
Total (m²)	400	600	1000	
Total (ha)	0.04	0.06	0.1	

**Clearing is estimated from aerial photos as a percentage of existing tracks that may require maintenance, the resulting length is multiplied by a 3 m wide track for the estimated area. As most tracks are probably accessible on the ground, the clearing area is likely to be much less*

[^]The maximum pad size has been estimated as 10 m x 20 m however these are expected to be smaller and vegetation clearing will be avoided as much as possible



Table 2: Land details associated with proposed bore sites

Bore Name	Coordinates (GDA94, Zn51)		Native Title Owners	Shire	Land use	Lot No.	Land Type	Pastoral Station
	X	Y						
MAL01	401,997	7,861,024	Karajarri	Broome	Reserve	LOT 51 ON PLAN 91839	Crown Reserve	None, on crown reserve
MAL02	402,681	7,860,432	Karajarri	Broome	Livestock grazing	LOT 40 ON PLAN 238420	Crown Lease	Nita Downs



Figure 2: Malupirti drilling sites