

# Arnhem Exploration & Rural Services

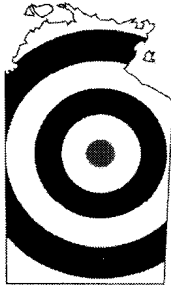
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## ARNHEM EXPLORATION & RURAL SERVICES

ABN 58 460 598 610

02 August 2005

### Reconnaissance of EL23692 (June 2005)

In June 2005, AERS was asked to carry out a reconnaissance survey of EL23692 (Banka Banka). East-west lines spaced at 500m intervals were to be walked over designated areas of interest to look for manganese.

Access to the area is via a major track running west of the Stuart Highway immediately south of Morphett creek then via an old track through Mitty Bore (as shown on topographic maps for the area). The old tracks are useable though indistinct and overgrown in places.

The lease covers north-south sandstone ridges. In the southern part of the lease, there are several large ridges on the traverses whilst in the northern section there is one major ridge leading on to a plateau. In the northern section the lease covers a low lying sandy area to the east of the sandstone.

The following lines were traversed (WGS84):

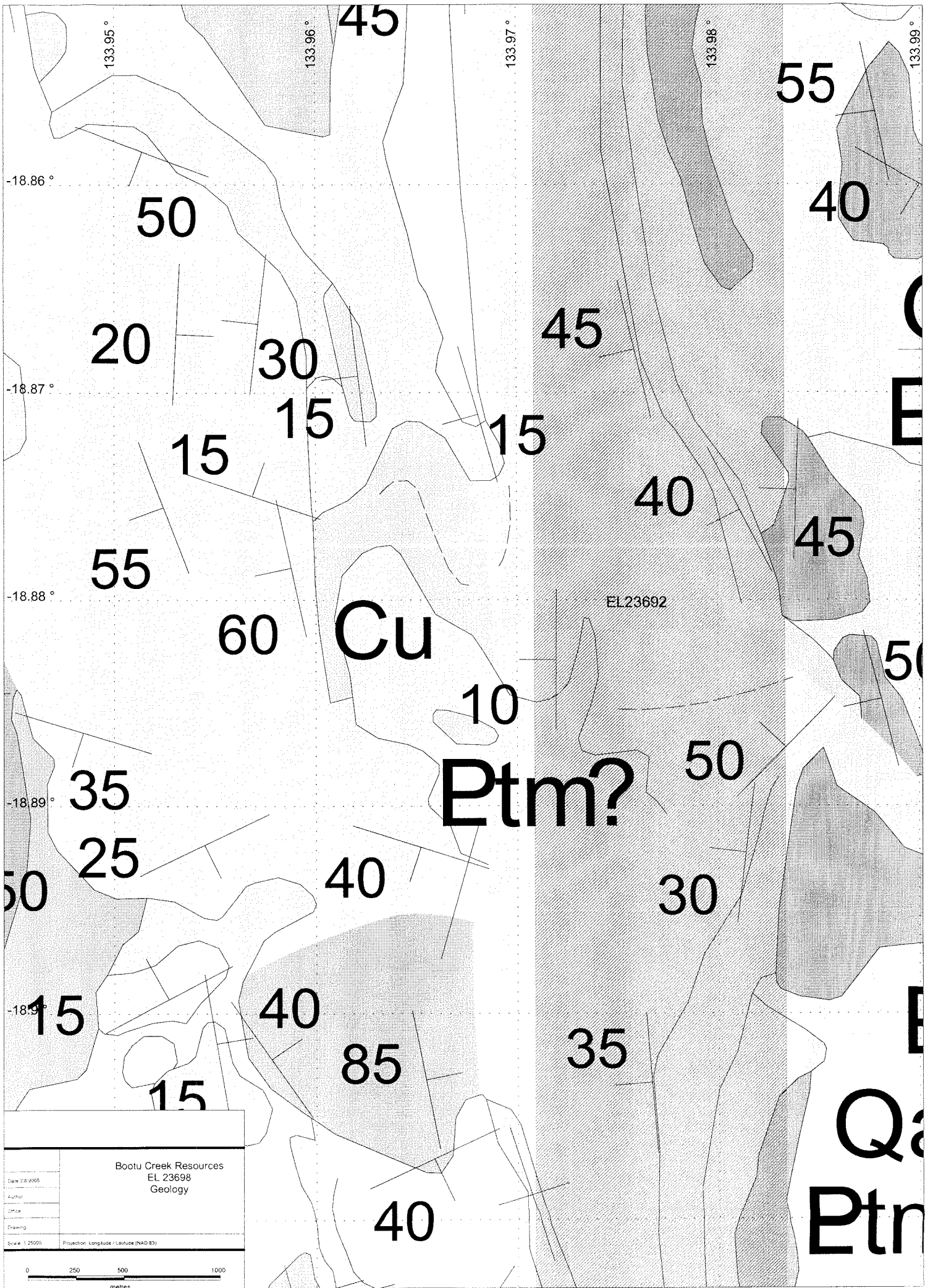
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orth North	East from	East to	Notes
7908100	391600	392900	392740E: small area of Fe rich sandstone
7908600	391600	392900	392590E: 10x15m area of Fe rich sandstone
7909100	391600	392900	
7909600	391600	392900	392680E: 2x2m area of Fe rich sandstone
7910100	391600	392900	
7910600	391600	392900	
7911100	391600	392900	
7911600	391600	392900	
7912100	391600	392900	
7912600	391600	392900	391670-391860E: area of Fe staining
7913100	391600	392900	
7913600	391600	392900	392300-392900E: sandy flat
7914100	391600	392900	392600-392900E: sandy flat
7914600	391600	392900	392470-392900E: sandy flat
			392290E: narrow band of Fe rich sandstone
7915100	391600	392900	392470-392900E: sandy flat
7915450	391600	392900	392500-392900E: sandy flat

No occurrences of manganese were noted, however some iron staining was noted. There are some small subcrops of iron rich sandstone in the south east edge of the area extending NNE outside the lease. These occurrences are east of the main range on low sandstone ridges.

There is also an area of iron staining centered around the western end of the 7912600N line. This runs intermittently from 7912400N to 7912650N between 391650E and 392040E in a north-south direction. Similar staining was also observed around 7913000N. This is an area of sandstone west of and below the main ridge.

(Philip Merry, project manager)



Bootu Creek Resources EL 23698 Geology	
Date 28/2005	
Author	
Office	
Drawing	
Scale 1:25000	Projection Longitude / Latitude (WGS 83)
0 250 500 1000 metres	