

**Silverton Wind Farm Stage 1  
Aboriginal Heritage and Non Indigenous Heritage Assessment**

**Addendum Report  
Stages 1b and 1c**

**Volume 2: Appendices**

October 2008

A report to Silverton Wind Farm Developments

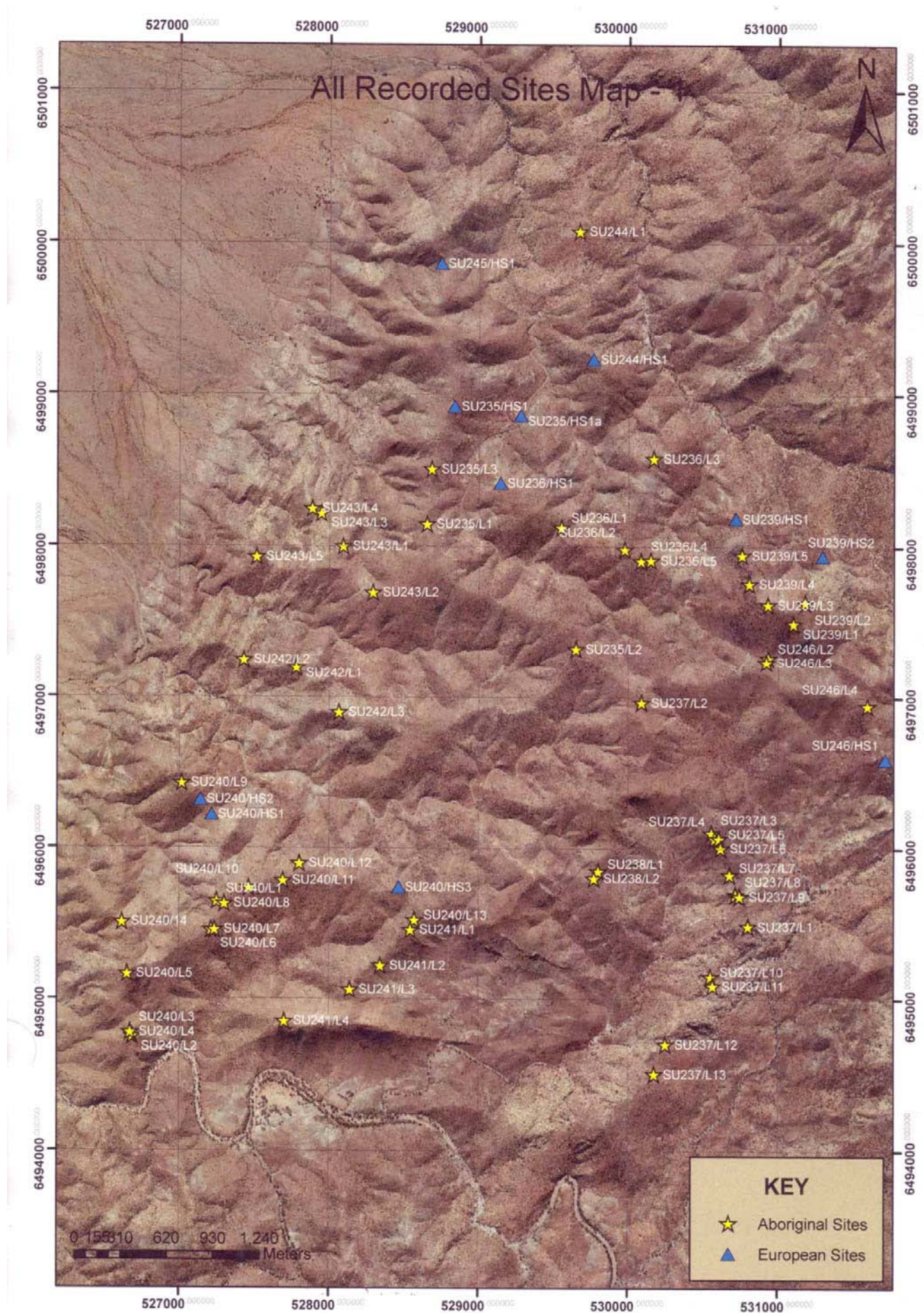


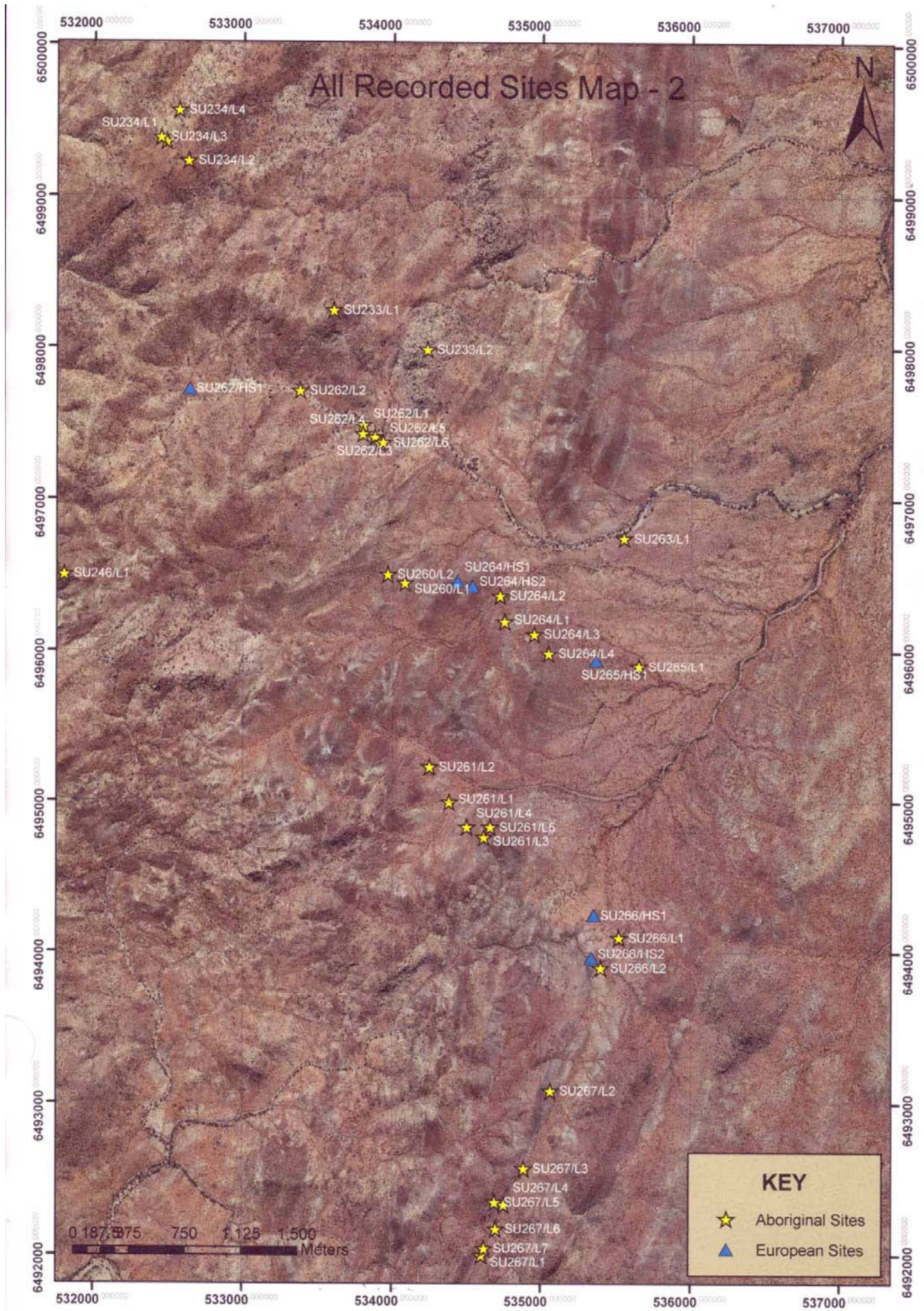
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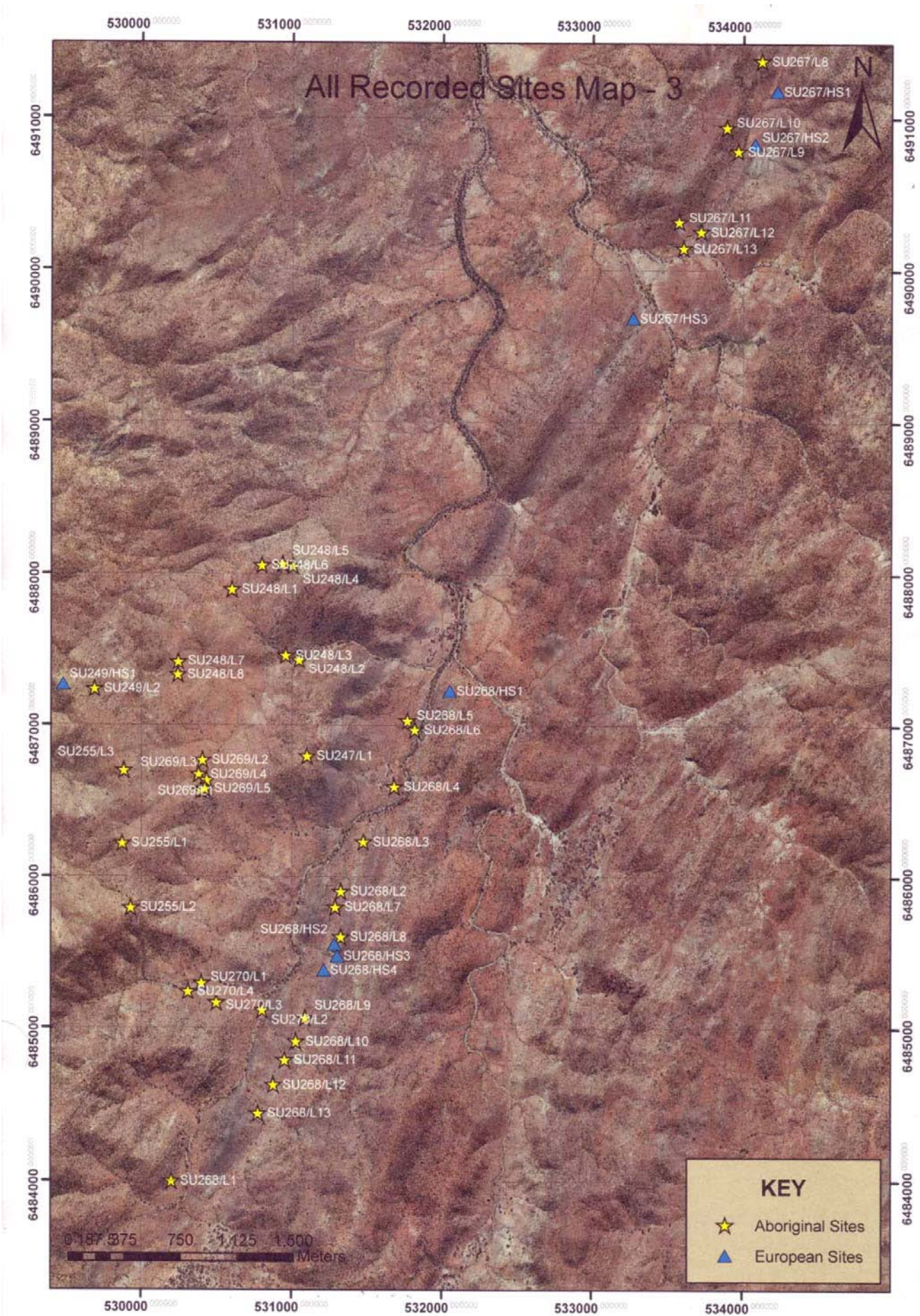
## TABLE OF CONTENTS

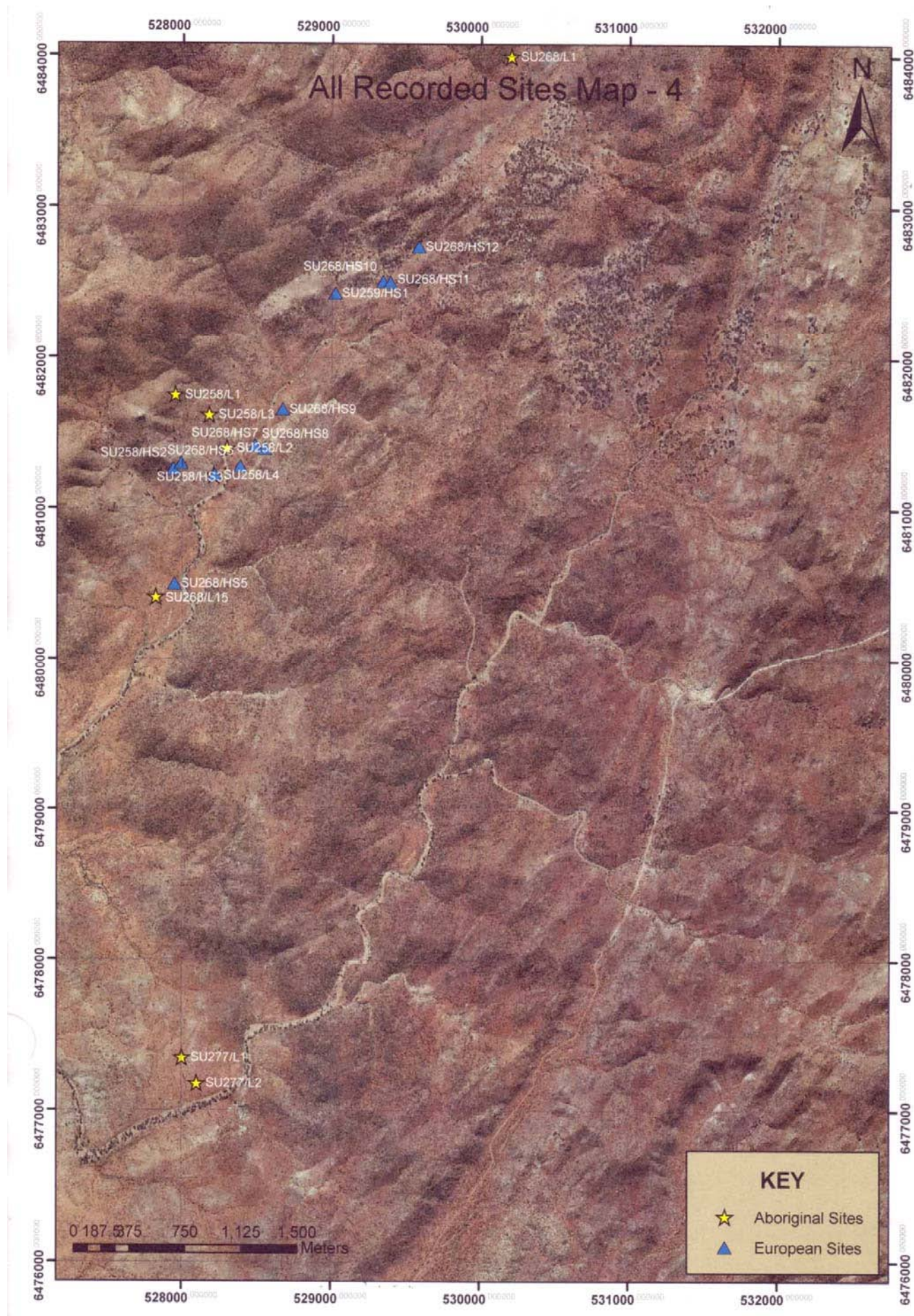
Appendix 1 Maps of recorded Aboriginal and Non Indigenous sites .....	1
Appendix 2 Aboriginal Heritage Sites Gazetteer.....	10
Appendix 3 Non Indigenous Heritage Items Gazetteer .....	49
Appendix 5 Aboriginal and Non Indigenous Heritage Constraints Mapping .....	.68

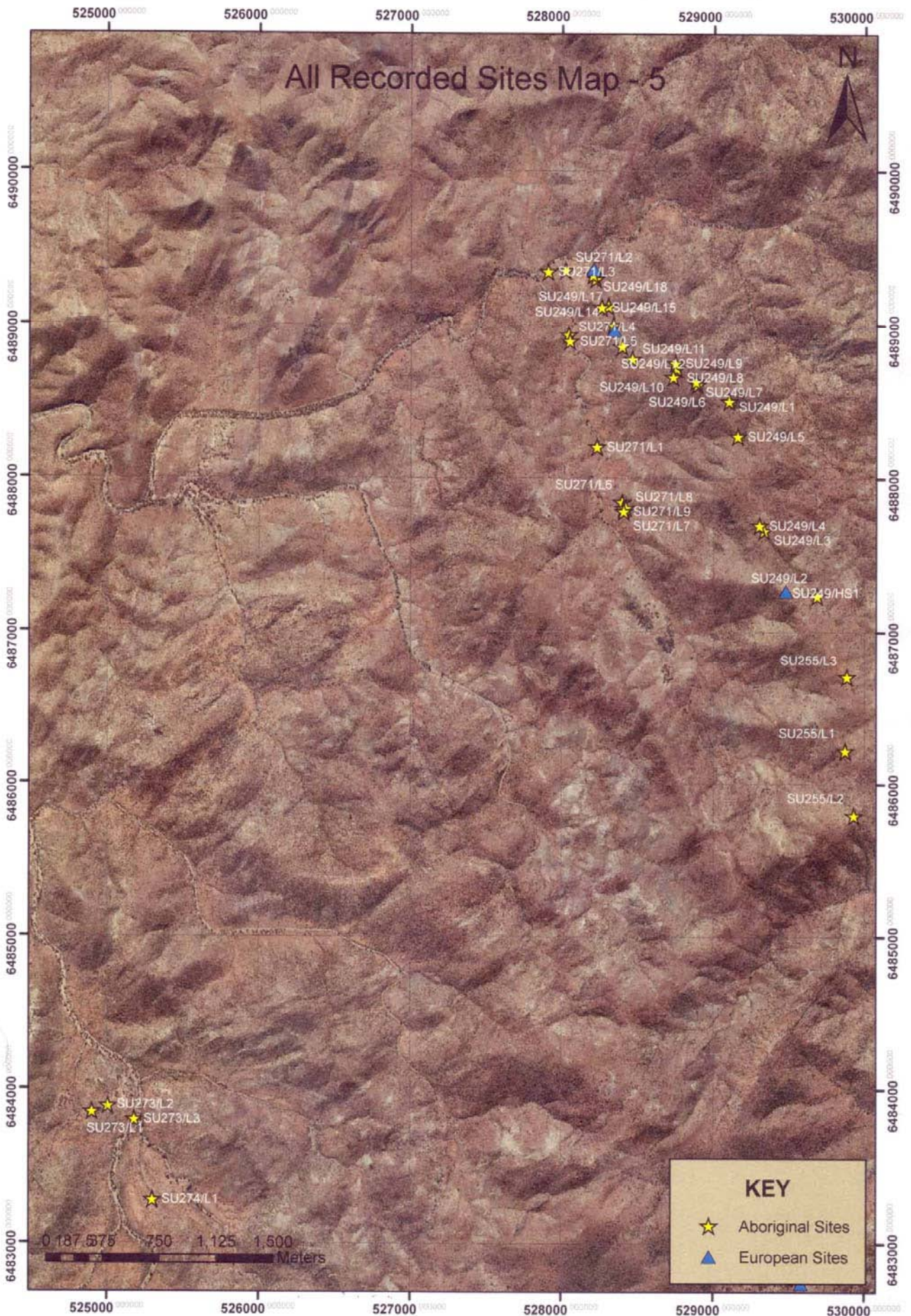
APPENDIX 1  
MAPS OF RECORDED ABORIGINAL AND NON INDIGENOUS SITES



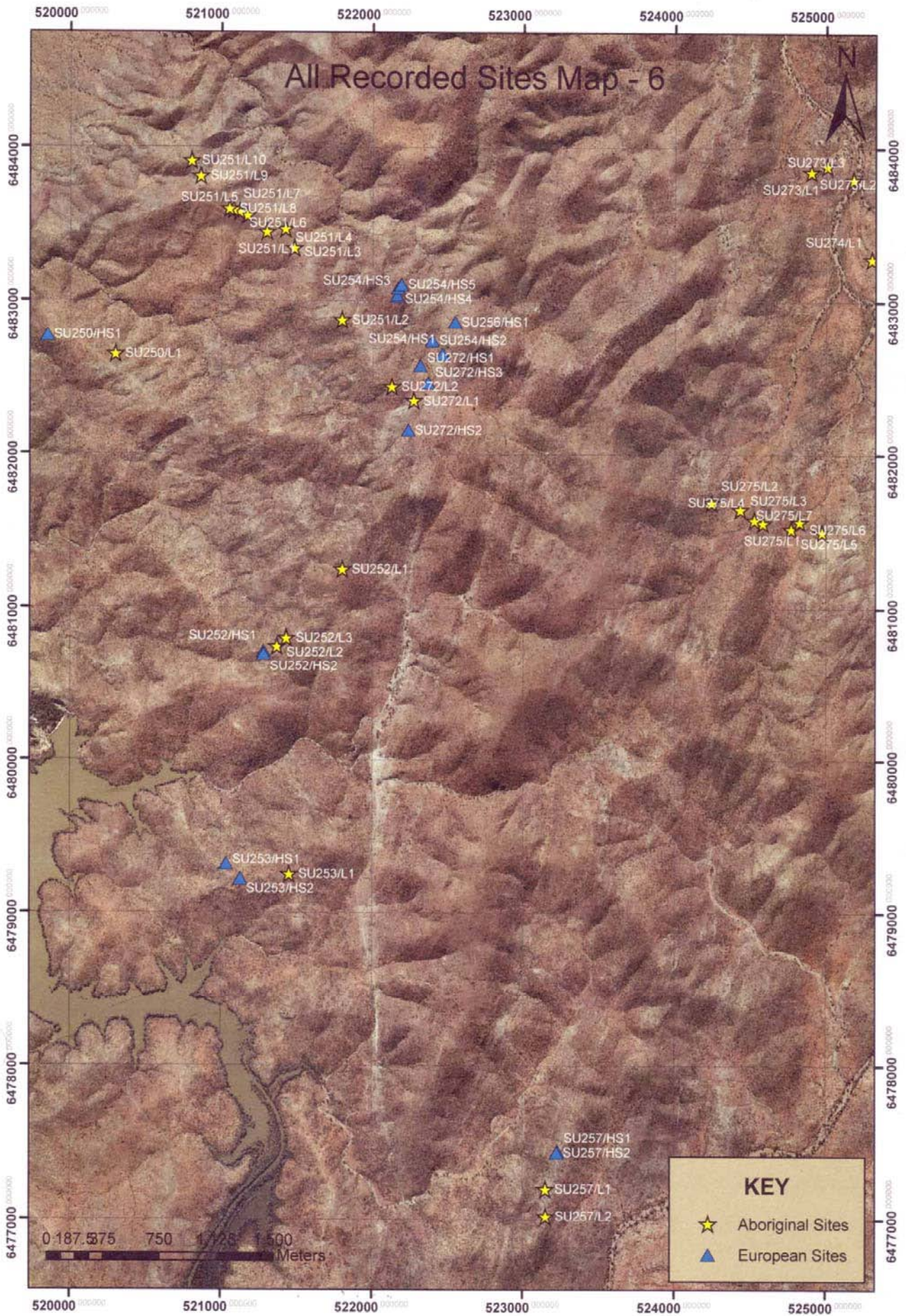


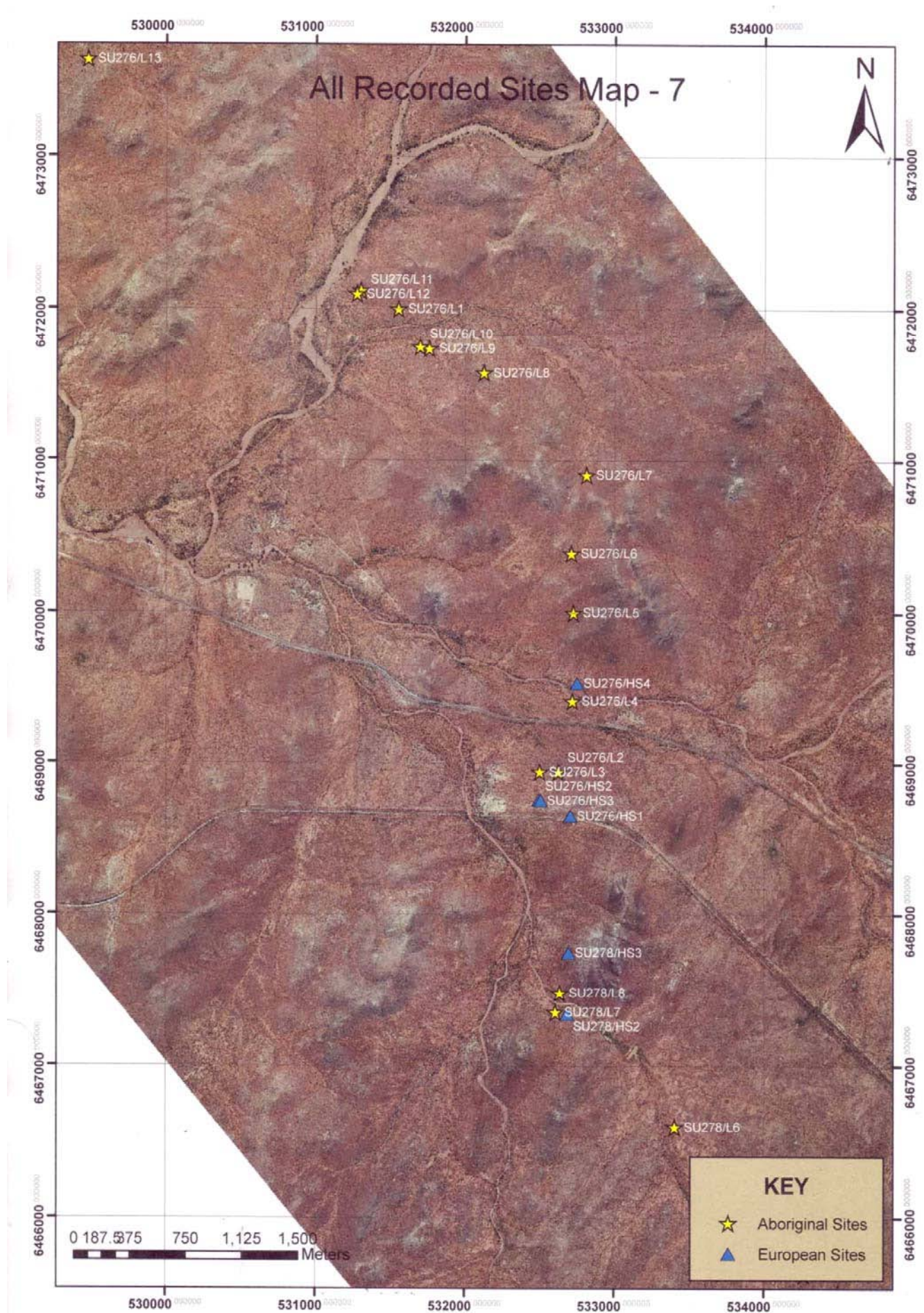


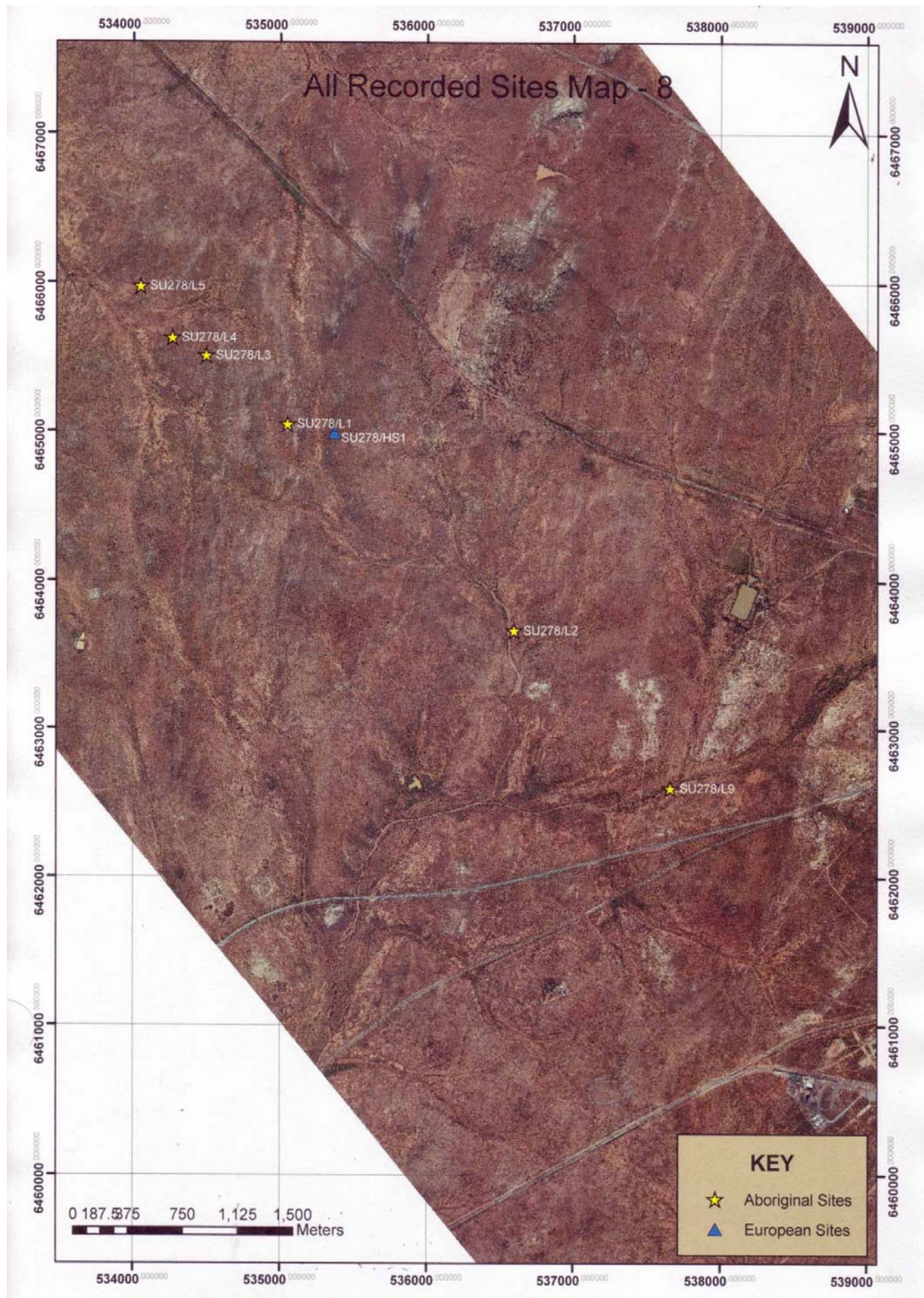





















APPENDIX 2  
ABORIGINAL SITE GAZETEER

<p><b>SU233/L1 stone artefacts (continuous sparse distribution)</b></p> <p>Gently undulating ridge crest; very few quartz outcrops and low quartz background shatter.</p> <p>Quartz stone artefacts in very low density distribution across survey unit: &lt;math&gt;&lt;1/50\text{ m}^2&lt;/math&gt;</p>	<p>East of P121 looking NE</p> 
<p><b>SU233/L2 SPA</b></p> <p>Small, white quartz outcrop with batter marks. No associated artefacts observed.</p>	 <p>Looking 150°</p>
<p><b>SU234/L1 stone artefacts (continuous sparse distribution)</b></p> <p>Gently undulating ridge crest generally however, some very steep slopes; low/moderate occurrence of quartz outcrops and low/moderate levels of quartz background shatter.</p> <p>Quartz stone artefacts in very low density distribution across survey unit: &lt;math&gt;&lt;1/50\text{ m}^2&lt;/math&gt;</p> <p>1 silcrete flake (50 x 40 x 1 mm) at 532334.6499142</p>	<p>From mast 4 looking east</p> 




<b>SU234/L2 SPA</b>	
Small, grey quartz outcrop measuring 0.5 x 0.3 x 0.1 (h) with associated stone artefacts in overall area measuring 10 x 10 m in small saddle	Looking NE towards P139 
<b>SU234/L3 SPA</b>	
White quartz outcrop with batter marks measuring 15 x 10 x 0.2 (h) Nil artefacts observed.	
<b>SU234/L4 SPA</b>	
White quartz outcrop (2 linear outcrops located c. 10 m apart) with minor batter marks and Hertzian cone fractures and associated blocky artefacts in overall area measuring 30 x 20 m.	
<b>SU235/L1 stone artefacts (continuous sparse distribution)</b>	
Undulating ridge crest of variable gradient including gentle and moderate steep slopes; low occurrence of quartz outcrops and low levels of quartz background shatter. Quartz stone artefacts in very low density distribution across survey unit: <1/20 m <sup>2</sup>	Looking 100° 
<b>SU235/L2 stone artefacts (discrete)</b>	
Discrete scatter of quartz stone artefacts distributed along c. 260 m x 100m area of ridge crest. Artefact density: 1/1 m <sup>2</sup> .	
<b>SU235/L3 SPA</b>	
Small, white quartz outcrop (no obvious extraction marks on outcrop) with associated stone artefacts in overall area measuring 10 x 10 m.	
<b>SU236/L1 stone artefacts (discrete)</b>	
Discrete scatter of quartz stone artefacts in saddle on ridge crest; area measuring 20 x 20 m. Artefact density: 5/1 m <sup>2</sup> .	
<b>SU236/L2 stone artefacts (discrete)</b>	
Discrete scatter of quartz stone artefacts on ridge crest; area measuring 10 x 10 m. Artefact density: 5/1 m <sup>2</sup> .	
<b>SU236/L3 SPA</b>	
White quartz outcrop/scree (no obvious extraction marks on outcrop) with associated stone artefacts in overall area measuring 50 x 10 x 0.4 (h) m.	
<b>SU236/L4 stone artefacts (discrete)</b>	
Discrete scatter of quartz stone artefacts on ridge crest; area measuring 15 x 15 m. Artefact density: 3/1 m <sup>2</sup> .	



<p><b>SU236/L5 SPA</b> White quartz outcrop/scree (no obvious extraction marks on outcrop) with associated stone artefacts in overall area measuring 40 x 7 x 1 (h) m.</p>	<p>Looking east</p> 
<p><b>SU237/L1 stone artefacts (continuous sparse distribution)</b></p>	
<p>Undulating ridge crest of variable gradient including gentle and moderately steep slopes; moderate occurrence of quartz outcrops and generally low levels of quartz background shatter. Quartz stone artefacts in low density distribution across survey unit: &lt;1/1 m<sup>2</sup></p>	<p>SU 237 looking south from 530126.6496780</p> 
<p><b>SU237/L2 stone artefacts (discrete)</b></p>	
<p>Discrete scatter of quartz stone artefacts on ridge crest; area measuring 10 x 5 m. Artefact density: 30/1 m<sup>2</sup>.</p>	
<p><b>SU237/L3 SPA</b></p>	
<p>White quartz outcrop measuring 15 x 10 x 0.5 (h) m with Hertzian cone fractures and associated artefacts.</p>	
<p><b>SU237/L4 SPA</b></p>	
<p>Grey, good quality quartz outcrop (no obvious extraction features) measuring 5 x 5 x 0.4 (h) m with Hertzian cone fractures and associated artefacts.</p>	
<p><b>SU237/L5 SPA</b></p>	
<p>White, good quality quartz outcrop (no obvious extraction features) measuring 10 x 10 x 0.5 (h) m and associated artefacts.</p>	
<p><b>SU237/L6 SPA</b></p>	
<p>White, good quality quartz outcrop measuring 20 x 5 x 1 (h) m with 1 Hertzian cone fracture; nil artefacts observed.</p>	
<p><b>SU237/L7 SPA</b></p>	
<p>White, poor quality quartz outcrop (no obvious extraction marks) measuring 8 x 3 x 0.4 (h) m and associated artefacts.</p>	
<p><b>SU237/L8 SPA</b></p>	
<p>Small, white, good quality quartz outcrop with batter marks and Hertzian cone fractures measuring 1 x 1 x 0.2 (h) m; scree measuring 5 x 5 m: nil artefacts observed</p>	
<p><b>SU237/L9 SPA</b></p>	
<p>White, moderate quality quartz outcrop measuring 2 x 2 x 0.1 (h) m; no extraction marks however, associated with large quartz hammerstone.</p>	
<p><b>SU237/L10 SPA</b></p>	
<p>White, moderate quality quartz outcrop measuring 8 x 6 x 0.2 (h) m and associated artefacts.</p>	



<b>SU237/L11 SPA</b>	
White, moderate quality quartz outcrop with batter marks measuring 10 x 5 x 0.8 (h) m; nil artefacts observed.	
<b>SU237/L12 SPA</b>	
White, moderate quality quartz outcrop with batter marks and 1 Hertzian cone fracture measuring 12 x 3 x 0.4 (h) m; nil artefacts observed.	
<b>SU237/L13 SPA</b>	
White, moderate quality quartz outcrop (no obvious extraction features) and associated artefacts.	
<b>SU238/L1 stone artefacts (continuous sparse distribution)</b>	
Undulating ridge crest of variable gradient including gentle and moderately steep slopes; moderate occurrence of quartz outcrops and generally low levels of quartz background shatter. Quartz stone artefacts in low density distribution across survey unit: <1/1 m <sup>2</sup> .	
<b>SU238/L2 SPA</b>	
White, good quality quartz outcrop (no obvious extraction features) measuring 4 x 3 x 0.1 (h) m and associated artefacts.	
<b>SU239/L1 stone artefacts (continuous sparse distribution)</b>	
Mt Robe ridge crest of variable gradient including gentle and moderately steep slopes; low occurrence of quartz outcrops and generally low levels of quartz background shatter. Quartz stone artefacts in very low density distribution across survey unit: 1/50 m <sup>2</sup> .	<p>SU239 looking 310 from trig at 531008.6497602</p> 
<b>SU239/L2 SPA</b>	
White, moderate quality quartz outcrop measuring 8 x 4 x 0.9 (h) m with batter marks and associated artefacts.	<p>Looking west</p> 








<p><b>SU239/L3 SPA</b> White, moderate quality quartz outcrop measuring 12 x 4 x 0.4 (h) m with batter marks, Hertzian cone fractures; no observed artefacts</p>	<p>Looking 75°</p> 
<p><b>SU239/L4 SPA</b> White, moderate quality quartz outcrop (no obvious extraction features) measuring 5 x 5 x 0.8 (h) m and associated artefacts in saddle to west</p>	<p>Looking 110°</p> 
<p><b>SU239/L5 SPA</b> Small, white, moderate quality quartz outcrop measuring 1 x 1 x 0.2 (h) m with Hertzian cone fractures; no observed artefacts</p>	<p>Looking 140°</p> 



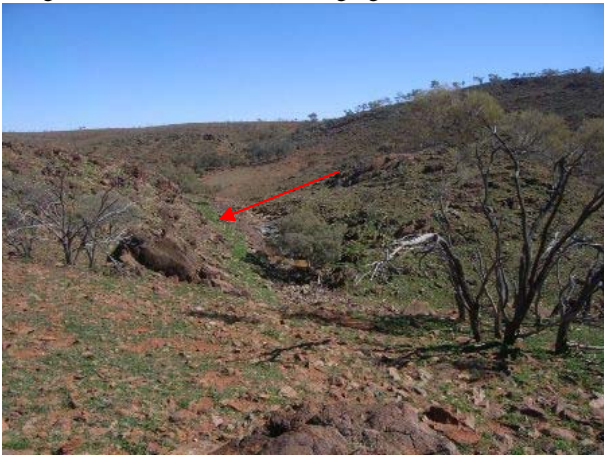
<p><b>SU240/L1 stone artefacts (continuous sparse distribution)</b></p> <p>Undulating ridge crests of variable gradient including gentle and very steep slopes; moderate occurrence of quartz outcrops and generally moderate levels of quartz background shatter. Quartz stone artefacts in low density distribution across survey unit: &lt;math&gt;&lt;1/1\text{m}^2&lt;/math&gt;.</p>	<p>SU240 looking 230° from 527001.6495352</p> 
<p><b>SU240/L2 SPA</b></p> <p>Small cobbles of white, moderate quality quartz outcropping with Hertzian cone fractures, batter marks, flake scars measuring 7 x 7 x 0.1 (h) m and associated artefacts</p>	<p>Looking 150°</p> 
<p><b>SU240/L3 SPA</b></p> <p>Grey, moderate quality small cobbles of quartz outcropping with batter marks and associated artefacts. Overall area measuring 4 x 3m.</p>	<p>Looking 145°</p> 

<p><b>SU240/L4 SPA</b> White, moderate quality quartz outcrop measuring 4.5 x 3 x 0.8 (h) m with Hertzian cone fracture, batter marks, flake scars and associated artefacts</p>	<p>Looking NW</p> 
<p><b>SU240/L5 SPA</b></p>	
<p>White quartz scree (with small outcrop measuring 0.5 x 0.5 x 0.4 (h) m) with associated artefacts. Overall area 10 x 20 m.</p>	
<p><b>SU240/L6 SPA</b></p>	
<p>White, poor/moderate quality quartz outcrop measuring 10 x 5 x 0.4 (h) m (no obvious extraction features) and associated artefacts</p>	<p>Looking 70°</p> 
<p><b>SU240/L7 SPA</b></p>	
<p>White, poor quality quartz outcrop with minor batter marks and associated artefacts.</p>	
<p><b>SU240/L8 SPA</b></p>	
<p>White, good quality quartz nodule in pegmatite measuring 1.2 x 0.5 x 0.2 (h) m with Hertzian cone fractures, batter marks and flake scars; no observed artefacts.</p>	
<p><b>SU240/L9 SPA</b></p>	
<p>White, moderate quality quartz outcrop measuring 5 x 3 x 0.5 (h) m with Hertzian cone fractures; no observed artefacts.</p>	
<p><b>SU240/L10 stone artefacts (discrete)</b></p>	
<p>Discrete scatter of quartz stone artefacts in saddle on ridge crest; area measuring 10 x 10 m. Artefact density: 5/1 m<sup>2</sup>.</p>	
<p><b>SU240/L11 SPA</b></p>	
<p>White, moderate quality quartz outcrop measuring 5 x 5 x 0.7 (h) with associated stone artefacts.</p>	
<p><b>SU240/L12 stone artefacts (discrete)</b></p>	
<p>Discrete scatter of quartz stone artefacts on ridge crest; area measuring 50 x 20 m. Artefact density: 5/1 m<sup>2</sup>. Some translucent quartz.</p>	
<p><b>SU240/L13 SPA</b></p>	
<p>White, moderate quality quartz outcrop measuring 10 x 8 x 0.5 (h) m with batter marks and associated artefacts. Traversed by new fence hence some prior disturbance.</p>	
<p><b>SU240/L14 SPA</b></p>	
<p>White, moderate quality quartz outcrop measuring 1 x 1 x 0.4 (h) m with batter marks; no observed artefacts.</p>	

<b>SU241/L1 stone artefacts (discrete)</b>	
Discrete scatter of quartz stone artefacts on ridge crest; area measuring 5 x 3 m. Artefact density: 15/1 m <sup>2</sup> .	
<b>SU241/L2 stone artefacts (discrete)</b>	
Discrete scatter of quartz stone artefacts in saddle on ridge crest; area measuring 30 x 10 m. Artefact density: 10/1 m <sup>2</sup> .	Looking 215° into saddle 
<b>SU241/L3 stone artefacts (discrete)</b>	
Discrete scatter of quartz stone artefacts on ridge crest; area measuring 5 x 5 m. Artefact density: 5/1 m <sup>2</sup> .	
<b>SU241/L4 SPA</b>	
Grey moderate quality, small quartz outcrops in area measuring 10 x 10 x 0.8 (h) m with batter marks; no observed artefacts.	
<b>SU242/L1 stone artefacts (continuous sparse distribution)</b>	
Undulating ridge crests of variable gradient including gentle and very steep slopes; low occurrence of quartz outcrops and low levels of quartz background shatter. Quartz stone artefacts in very low density distribution across survey unit: 1/50m <sup>2</sup> .	
Looking 100° from E60	
<b>SU242/L2 SPA</b>	
Small, white, moderate quality quartz outcrop measuring 1 x 0.5 x 0.1 (h) m (no obvious extraction features with associated stone artefacts).	
<b>SU242/L3 SPA</b>	
White, moderate quality quartz outcrop measuring 4 x 3 x 0.4 (h) m with minor batter marks; no observed artefacts.	

<b>SU243/L1 stone artefacts (continuous sparse distribution)</b>	
<p>Undulating ridge crests of variable gradient including gentle and very steep slopes; low occurrence of quartz outcrops and low levels of quartz background shatter.                  Quartz stone artefacts in very low density distribution across survey unit: 1/50m<sup>2</sup>.                  Including quartz thumbnail scraper.</p>	<p>From E59 looking east</p> 
<b>SU243/L2 stone artefacts (discrete)</b>	
<p>Discrete scatter of quartz stone artefacts on a small bench on a ridge crest; area measuring 20 x 10 m. Artefact density: 10/1 m<sup>2</sup>. A retouched quartz flake recorded.</p>	
<b>SU243/L3 stone artefacts (discrete)</b>	
<p>Discrete scatter of quartz stone artefacts on a small bench on a ridge crest; area measuring 15 x 20 m. Artefact density: 5/1 m<sup>2</sup>.</p>	
<b>SU243/L4 SPA</b>	
<p>White, moderate quality quartz outcrop measuring 2 x 1 x 0.2 (h) m with batter marks; no observed artefacts</p>	<p>Looking 150°</p> 
<b>SU243/L5 SPA</b>	
<p>White, moderate quality quartz outcrop measuring 3 x 3 x 0.6 (h) m with Hertzian cone fractures and associated artefacts.</p>	

<p><b>SU244/L1 stone artefacts (continuous sparse distribution)</b></p> <p>Undulating ridge crest of variable gradient including gentle and moderate slopes; low occurrence of quartz outcrops and low levels of quartz background shatter.</p> <p>Quartz stone artefacts in very low density distribution across survey unit: 1/50m<sup>2</sup>.</p> <p>Including silcrete thumbnail scraper, small quartz hammerstone, silcrete flake fragment with usewear and brown silcrete proximal flake fragment.</p>	<p>Looking 150° from 529615.6500462 on old track</p> 
<p><b>SU246/L1 stone artefacts (continuous sparse distribution)</b></p> <p>Undulating ridge crest of variable gradient including gentle and moderate slopes; low occurrence of quartz outcrops and low levels of quartz background shatter.</p> <p>Quartz stone artefacts in very low density distribution across survey unit: 1/50m<sup>2</sup>.</p>	<p>General view of survey unit looking 120° from 531291.6497039</p> 
<p><b>SU246/L2 SPA</b></p> <p>White, moderate/good quality quartz outcrop measuring 10 x 6 x 1.5 (h) m with batter marks and associated artefacts. Observed artefact density in scree: c. 3/ sq m.</p>	<p>Looking 320°</p> 

<b>SU246/L3 SPA</b>	
White, poor quality quartz outcrop measuring 10 x 2 x 0.3 (h) m with batter marks and associated artefacts. Observed artefact density in scree very low.	
<b>SU246/L4 SPA</b>	
White, poor/moderate quality quartz outcrop measuring 25 x 3 x 0.7 (h) m with batter marks and associated artefacts.	
<b>SU247/L1 stone artefacts (continuous sparse distribution)</b>	
<p>Undulating ridge crest of variable gradient including gentle and moderate slopes; low occurrence of quartz outcrops and low/moderate levels of quartz background shatter.</p> <p>Quartz stone artefacts in very low density distribution across survey unit: 1/50m<sup>2</sup>.</p>	<p>General view of survey unit looking 260° to N24 turbine site.</p> 
<b>SU248/L1 stone artefacts (continuous sparse distribution)</b>	
<p>Undulating ridge crest of variable gradient including gentle and moderate to steep slopes; low occurrence of quartz outcrops and low/moderate levels of quartz background shatter. Schist tor outcrops on Mt Franks.</p> <p>Quartz stone artefacts in very low density distribution across survey unit: 1/50m<sup>2</sup>.</p>	<p>Looking 210° at P29 turbine site on Mt Franks.</p> 
<b>SU248/L2 Rock art</b>	
<p>The shelter is located in an upper drainage context in a small, rocky gorge near a rock pool. The shelter measures 1 m wide x 2.5 m deep x 0.7-1.4 m high. It is located on the south side of the creekline at the base of a rocky outcrop which contains a series of small, low shelters. The shelter is situated c. 5 m in elevation above the creek bed and c. 10 south of the creek bed. It is c. 25 m SW of the rock pool. The shelter faces north. It contains 2 small, red pigment emu foot print motifs on the eastern wall at c. 0.7 above the ground. The motifs are weathered and occupy an overall area of 30 cm x 30 cm. One has extensive pigment loss via exfoliation processes. Both motifs measures 11 cm x 11 cm in overall area; the top motif is relatively intact with minor spalling of</p>	<p>Looking 280° towards rock art site in gorge.</p> 

pigment. The bottom motif is highly weathered. The shelter walls and ceiling possess heavy brown mineralisation and wasps nests. The floor is a shallow deposit of primarily goat manure. Quartz stone artefacts are present in bare earth patches in front of the shelter.

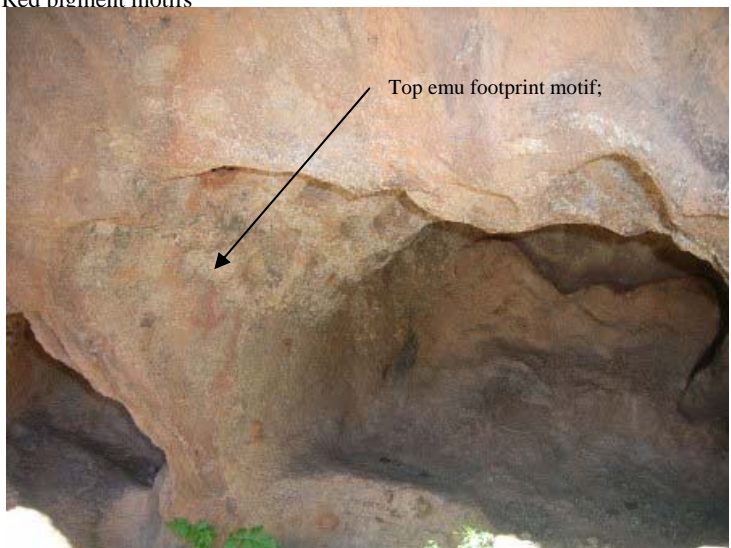
Looking 280° to rock pool





Looking south to shelter







Red pigment motifs










<b>SU248/L3 stone artefacts (discrete)</b>	
Discrete scatter of quartz stone artefacts on a small, gentle lower slope adjacent to 1 <sup>st</sup> order drainage depression; area measuring 60 x 60 m. The area is located c. 100 m west of the rock art site SU248/L2. Artefact density is estimated to be 10/1 m <sup>2</sup> . The soil is very rocky however, the landform is predicted to contain artefacts in a subsurface context.	
<b>SU248/L4 SPA</b>	
White, variable quality (some good) quartz outcrop and scree measuring 20 x 5 x 0.3 (h) m with batter marks and associated artefacts. Observed artefact density in scree: very low.	Looking 125° Note rocky top of Mt Franks in background. 
<b>SU248/L5 stone artefacts (discrete)</b>	
Discrete scatter of quartz stone artefacts on ridge crest; area measuring 5 x 5 m. Artefact density: 5/1 m <sup>2</sup> . No subsurface potential. Possibly discrete knapping event.	
<b>SU248/L6 stone artefacts (discrete)</b>	
Discrete scatter of quartz stone artefacts on ridge crest; area measuring 10 x 10 m. Artefact density: 5/1 m <sup>2</sup> . No subsurface potential. Artefacts made from high quality quartz some of which is translucent. Possibly discrete knapping event.	
<b>SU248/L7 stone artefacts (discrete)</b>	
Discrete scatter of quartz stone artefacts on ridge crest; area measuring 5 x 5 m. Artefact density: 1/1 m <sup>2</sup> . No subsurface potential. Possibly discrete knapping event.	
<b>SU248/L8 stone artefacts (discrete)</b>	
Discrete scatter of quartz stone artefacts on ridge crest; area measuring 5 x 5 m. Artefact density: 5/1 m <sup>2</sup> . No subsurface potential. Possibly discrete knapping event.	
<b>SU249/L1 stone artefacts (continuous sparse distribution)</b>	
Undulating ridge crest of variable gradient including gentle and moderate slopes; high occurrence of quartz outcrops and low/moderate levels of quartz background shatter. Quartz stone artefacts in very low density distribution across survey unit: 1/50m <sup>2</sup> .	General view of survey unit from 528394.648858 looking 320°. 
<b>SU249/L2 stone artefacts (discrete)</b>	
Discrete scatter of quartz stone artefacts on a bench of a ridge crest; area measuring 20 x 10 m. Artefact density: 1/1 m <sup>2</sup> . No subsurface potential.	




<p><b>SU249/L3 SPA</b>                  White with green tinge, moderate quality quartz cobble outcrop measuring 10 x 10 x 0.2 (h) m with batter marks and associated artefacts in scree.</p>	<p>Looking 335°.</p> 
<p><b>SU249/L4 SPA</b></p>	
<p>White, moderate quality quartz outcrop measuring 6 x 6 x 0.3 (h) m with Hertzian cone fractures; no observed artefacts.</p>	
<p><b>SU249/L5 stone artefacts (discrete)</b></p>	
<p>Discrete scatter of quartz stone artefacts in saddle on ridge crest; area measuring 20 x 15 m. Artefact density: 5/1 m<sup>2</sup>. No subsurface potential.</p>	
<p><b>SU249/L6 SPA</b></p>	
<p>White, moderate quality quartz outcrop measuring 6 x 4 x 0.2 (h) m with batter marks and negative flake scars; low density artefacts in scree.</p>	
<p><b>SU249/L7 SPA</b></p>	
<p>White, moderate quality quartz cobble outcrop measuring 10 x 5 x 0.2 (h) m with minor features: batter marks; low density artefacts in scree.</p>	
<p><b>SU249/L8 SPA</b></p>	
<p>White, moderate/high quality quartz outcrop measuring 12 x 10 x 0.7 (h) m with Hertzian cone fractures and batter marks; associated low density artefacts in scree.</p>	
<p><b>SU249/L9 SPA</b></p>	
<p>White, moderate/high quality quartz outcrop measuring 8 x 8 x 0.4 (h) m with Hertzian cone fractures and batter marks; associated low density artefacts in scree.</p>	<p>Looking 230°.</p> 
<p><b>SU249/L10 SPA</b></p>	
<p>White, moderate/high quality quartz outcrop measuring 8 x 5 x 0.4 (h) m with high levels of Hertzian cone fractures and batter marks; associated low density (c. 5/ sq m) artefacts in scree. Area of scree measures 50 x 50 m.</p>	
<p><b>SU249/L11 SPA</b></p>	
<p>White, good quality quartz outcrop measuring 5 x 5 x 1 (h) m with Hertzian cone fractures; no observed artefacts.</p>	
<p><b>SU249/L12 SPA</b></p>	
<p>White, moderate quality quartz outcrop measuring 5 x 4 x 0.2 (h) m with minor batter marks; sparse artefacts in scree.</p>	




<p><b>SU249/L13 SPA</b>                  White, moderate quality quartz outcrop measuring 1.5 x 1.5 x 0.2 (h) m with Hertzian cone fractures and batter marks; sparse artefacts in scree.</p>	<p>Looking 210°</p> 
<p><b>SU249/L14 SPA</b>                  White, moderate quality quartz outcrop measuring 12 x 4 x 0.2 (h) m with batter marks; sparse artefacts in scree.</p>	
<p><b>SU249/L15 SPA</b>                  White, moderate quality quartz outcrop measuring 3 x 2 x 0.2 (h) m with batter marks; sparse artefacts in scree.</p>	
<p><b>SU249/L16 SPA</b>                  White, moderate quality quartz outcrop measuring 12 x 4 x 0.2 (h) m with batter marks; sparse artefacts in scree.</p>	
<p><b>SU249/L17 SPA</b>                  White, moderate quality quartz outcrop measuring 3 x 2 x 0.3 (h) m with batter marks; sparse artefacts in scree.</p>	
<p><b>SU249/L18 SPA</b>                  White, moderate quality quartz outcrop measuring 10 x 3 x 0.2 (h) m with batter marks; sparse artefacts in scree.</p>	
<p><b>SU250/L1 stone artefacts (continuous sparse distribution)</b>                  Undulating ridge crest of variable gradient including gentle and low/moderate slopes; low occurrence of quartz outcrops and low/moderate levels of quartz background shatter.                  Quartz stone artefacts in very low density distribution across survey unit: 1/50m<sup>2</sup>.</p>	<p>General view of survey unit from 520152.6482680 looking 290°.</p> 
<p><b>SU251/L1 stone artefacts (continuous sparse distribution)</b>                  Undulating ridge crest of variable gradient including gentle and moderate/steep slopes; low occurrence of quartz outcrops and low/moderate levels of quartz background shatter. Quartz stone artefacts in very low density distribution across survey unit: 1/50m<sup>2</sup>.</p>	
<p><b>SU251/L2 stone artefacts (discrete)</b>                  Discrete scatter of grey, quartz stone artefacts on a ridge crest; area measuring 5 x 5 m. Artefact density: 10/1 m<sup>2</sup>. No subsurface potential. Probably a single knapping event.</p>	
<p><b>SU251/L3 SPA</b>                  Three small, white, moderate quality quartz outcrops in an overall area measuring 20 x 10 m; no obvious extraction features however, sparse artefacts in scree: artefact density 1/ sq m.</p>	
<p><b>SU251/L4 stone artefacts (discrete)</b>                  Discrete scatter of white and grey, quartz stone artefacts on a ridge crest; area measuring 4 x 4 m. Artefact density: 5/1 m<sup>2</sup>. No subsurface potential. Probably a single knapping event.</p>	

<b>SU251/L5 stone artefacts (discrete)</b>	
Discrete scatter of white quartz stone artefacts in a saddle on a ridge crest; area measuring 20 x 15 m. Artefact density: 3/1 m <sup>2</sup> . No subsurface potential.	
<b>SU251/L6 SPA</b>	
Two small, white, moderate quality quartz outcrops in an overall area measuring 20 x 5 m; no obvious extraction features however, sparse artefacts in scree: artefact density 1/ sq m.	
<b>SU251/L7 SPA</b>	
Grey, moderate quality quartz outcrop; no obvious extraction features however, sparse artefacts in scree in area measuring 15 x 15: artefact density 1/ sq m.	
<b>SU251/L8 SPA</b>	
Grey, moderate quality quartz outcrop with minor Hertzian cone fractures and scree in area measuring 15 x 15 m; sparse artefacts in scree: artefact density 1/ sq m.	
<b>SU251/L9 stone artefacts (discrete)</b>	
Discrete scatter of white quartz stone artefacts in a saddle on a ridge crest; area measuring 5 x 5 m. Artefact density: 5/1 m <sup>2</sup> . Artefact density 1/sq m elsewhere in saddle. No subsurface potential.	
<b>SU251/L10 SPA</b>	
White, moderate quality quartz outcrop measuring 8 x 5 x 0.1 (h) m with batter marks; sparse artefacts in scree: artefact density 1/ sq m.	
<b>SU252/L1 stone artefacts (continuous sparse distribution)</b>	
Undulating ridge crest of variable gradient including gentle and moderate/steep slopes; low occurrence of quartz outcrops and low/moderate levels of quartz background shatter. Quartz stone artefacts in very low density distribution across survey unit: 1/100m <sup>2</sup> .	General view of survey unit from 521813.6481201 looking 185°. 
<b>SU252/L2 Isolated artefact</b>	
Broken quartzite pebble with ground facet on one face consistent with top stone (pestle) use wear. Measuring 80 x 70 x 35 mm; ground facet measuring 70 x 65 mm. No associated artefacts therefore interpreted to be present as a result of random discard.	
<b>SU252/L3 SPA</b>	
White, poor quality quartz outcrop measuring 5 x 5 x 0.5 (h) m with minor batter marks; sparse artefacts in scree: artefact density 1/ sq m.	
<b>SU253/L1 stone artefacts (continuous sparse distribution)</b>	
Undulating ridge crest of variable gradient including gentle and low/moderate slopes; low occurrence of quartz outcrops and low/moderate levels of quartz background shatter. Quartz stone artefacts in very low density distribution across survey unit: 1/100m <sup>2</sup> .	
<b>SU255/L1 stone artefacts (continuous sparse distribution)</b>	
Undulating ridge crest of variable gradient including gentle and moderate slopes; moderate occurrence of quartz outcrops and low/moderate levels of quartz background shatter. Quartz stone artefacts in very low density distribution across survey unit: 1/10 m <sup>2</sup> .	



<p><b>SU255/L2 SPA</b>                  Small, white, moderate quality quartz outcrops in an overall area measuring 10 x 10 m; no obvious extraction features however, sparse artefacts in scree in area 20 x 20 m: artefact density 3/ sq m.</p>	<p>Looking 190°.</p> 
<p><b>SU255/L3 SPA</b>                  White, poor quality quartz outcrop measuring 10 x 1 m with minor batter marks; sparse artefacts in scree in area 20 x 10 m: artefact density 5/ sq m.</p>	<p>Looking 50°.</p> 
<p><b>SU257/L1 stone artefacts (continuous sparse distribution)</b></p>	
<p>Undulating ridge crest of variable gradient including gentle and low/moderate slopes; low occurrence of quartz outcrops and low levels of quartz background shatter. Quartz stone artefacts in very low density distribution across survey unit: 1/50m<sup>2</sup>. Including grey silcrete adze measuring 18 x 32 x 10 mm and brown silcrete flake measuring 33 x 20 x 9 mm with usewear on one margin.</p>	
<p><b>SU257/L2 SPA</b></p>	
<p>White, poor quality quartz outcrop measuring 10 x 5 x 0.4 (h) m with batter marks; blocky artefacts in scree: artefact density uncertain given their blocky form.</p>	
<p><b>SU258/L1 stone artefacts (continuous sparse distribution)</b></p>	
<p>Undulating ridge crest of moderate and steep slopes; low/moderate occurrence of quartz outcrops and low/moderate levels of quartz background shatter. Quartz stone artefacts in very low density distribution across survey unit: 1/50m<sup>2</sup>.</p>	
<p><b>SU258/L2 stone artefacts and PAD</b></p>	
<p>Footslope on east and west side of Lakes Knob Creek in an area measuring 150 m N/S x 50 m E/W. The area is a relatively undisturbed landform and contains a surface scatter of stone artefacts, primarily quartz and also silcrete; predicted to contain intact subsurface archaeological deposit. Artefact density is predicted to be moderate.</p>	


<p><b>SU258/L3 SPA</b></p> <p>Grey, moderate quality quartz outcrops with extensive Hertzian cone fractures and batter marks in an overall area measuring 60 x 60 m. Moderate density flakes and cores in scree.</p>	<p>Looking 120°</p> 
<p><b>SU258/L4 stone artefacts and PAD</b></p>	
<p>Gentle gradient footslope of on west side of Lakes Knob Creek. The area is a relatively undisturbed landform and contains a surface scatter of quartz stone artefacts. Soil is a gravelly loam and is predicted to contain intact subsurface archaeological deposit. Artefact density is predicted to be low/moderate.</p>	
<p><b>SU260/L1 stone artefacts (continuous sparse distribution)</b></p>	
<p>Low rise, bedrock, flat to gently undulating landform located c. 800m southwest of Sandy Gum Creek. Low moderate occurrence of quartz outcrops and low/moderate levels of quartz background shatter. Quartz stone artefacts in very low density distribution across the survey unit: 1/100 m<sup>2</sup>.</p>	<p>General view of survey unit looking 170° and towards proposed site access route.</p> 




<p><b>SU260/L2 SPA</b></p> <p>White, moderate quality quartz outcrop measuring 8 x 2 x 0.4 (h) m with batter marks; no observed artefacts in scree.</p>	<p>Looking 200°</p> 
<p><b>SU261/L1 stone artefacts (continuous sparse distribution)</b></p> <p>This survey unit comprises a series of low bedrock rises separated by open depressions occupied by minor drainage lines and associated alluvial deposits. Slope gradient varies between flat to moderate. Natural erosional processes are active and generally high with entrenched drainage lines, knickpoints, gullying and surface wash. Low occurrence of quartz outcrops and high levels of quartz background shatter. Quartz stone artefacts in very low density distribution across the survey unit: 1/100 m<sup>2</sup>.</p>	<p>View taken from 534213.6495641 looking 160°</p> 
<p><b>SU261/L2 SPA</b></p> <p>White, moderate quality quartz outcrop measuring 5 x 3 x 0.1 (h) m with minor batter marks; associated stone artefacts in scree. Also large quartz cobble core with negative flake scars.</p>	<p>Looking 170° Note large core cobble as denoted by arrow on left side of outcrop</p> 



<p><b>SU261/L3 SPA</b></p> <p>White, moderate quality quartz outcrop measuring 15 x 5 x 0.1 (h) m; no extraction features; associated stone artefacts in scree.</p>	
<p><b>SU261/L4 stone artefacts and hearth</b></p> <p>One eroded stone hearth and sparse quartz artefacts located on the west side of a very minor eroded 1<sup>st</sup> order drainage line. The landform is actively eroding and the hearth stones are present as a 'pedestal' feature above the eroded land surface. The hearth measures 1.2 m diameter and contains small, old bone fragments possibly representative of the original animal cooked in the feature. No charcoal is visible however the hearth does appear to have excavation potential.</p>	
	<p>Looking south.</p> 
<p><b>SU261/L5 stone artefacts and hearths</b></p> <p>Three eroded stone hearths and sparse artefacts located on either side of an erosion channel on a gentle, north facing slope. The hearths are located in a north south alignment over a distance of 12 m. The northern hearth is highly eroded and has no research potential. The two remaining hearths are relatively intact and possess high research potential. The middle hearth possesses small, old bone fragments possibly representative of the original animal cooked in the feature and possible charcoal is visible on the eastern side. Stone artefacts are present in a small cluster measuring 5 x 5 m at c. 10 m south of the hearths in an eroding land surface. It is noted that an erosional knick point is present 15 m south of the hearths. This active erosional feature threatens the long term future of the hearths.</p>	
	<p>Looking south</p>  <p>southern most hearth</p> 






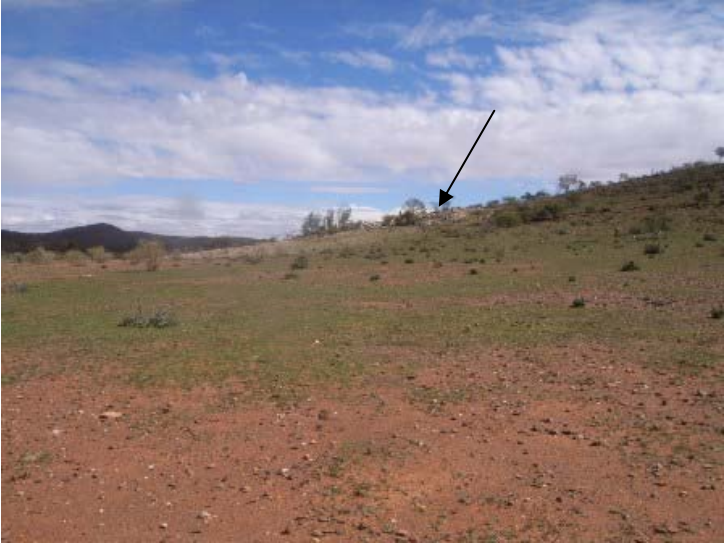
<b>SU262/L1 stone artefacts (continuous sparse distribution)</b>	
<p>This survey unit comprises a series of low bedrock rises separated by open depressions occupied by minor drainage lines and associated alluvial deposits. The survey unit also crosses Sandy Gum Creek in its upper reaches. Slope gradient varies between flat to moderate. Natural erosional processes are active and generally high with entrenched drainage lines, knickpoints, gullying and surface wash. Low occurrence of quartz outcrops and moderate levels of quartz background shatter. Quartz stone artefacts in low density distribution across the survey unit: 10/ m<sup>2</sup>. Including white silcrete flake: 42 x 24 x 16 mm, brown silcrete flake fragment with usewear on one margin: 33 x 22 x 11 mm, brown chert core: 21 x 24 x 18 mm, brown silcrete flake with usewear notch on one margin: 43 x 33 x 12mm</p>	<p>Looking east from 532895.6497705. Note Red Gums along Sandy Gum Creek on left.</p> 
<b>SU262/L2 hearths</b>	
<p>Two possible intact hearths located 8 m south of Sandy Gum Creek channel on an elevated terrace. Their diameter is 0.8 m. Given that the stone is not fully exposed their status as hearths can not be determined on the basis of a visual inspection alone. The features are situated 2 m apart and potentially possess research potential.</p>	
<b>SU262/L3 hearth</b>	
<p>One intact hearth located 12 m south of creek channel. Hearth measures 0.4 m in diameter and possesses research potential.</p>	
<b>SU262/L4 hearth</b>	
<p>One intact hearth located 8 m south of existing track and 10 m west of small drainage line. Hearth measures 0.4 m in diameter and possesses research potential.</p>	
<b>SU262/L5 hearth</b>	
<p>One largely intact hearth located 8 m south of existing track; hearth eroding on north side. Hearth measures 0.5 m in diameter and possesses research potential.</p>	
<b>SU262/L6 hearth</b>	
<p>One intact hearth located 8 m north of existing track. Hearth measures 0.3 m in diameter and possesses research potential.</p>	
<b>SU263/L1 continuous stone artefacts, PAD and hearths</b>	
<p>Flat adjacent to and on either side of Sandy Gum Creek with deep sandy deposit. Sparse artefacts visible, however high potential for moderate to high density artefacts. The landform is relatively undisturbed; numerous hearths present.</p>	<p>Looking east from 535394.6496701. Note Red Gums on creek bank to left.</p> 



<p><b>SU264/L1 stone artefacts (continuous sparse distribution)</b></p> <p>This survey unit comprises a series of low bedrock rises separated by open depressions occupied by minor drainage lines and associated alluvial deposits; it is situated c. 800 m south of Sandy Gum Creek. Slope gradient varies between flat to low/moderate. Natural erosional processes are active and generally high with entrenched drainage lines, knickpoints, gullying and surface wash. Low occurrence of quartz outcrops and moderate levels of quartz background shatter. Quartz stone artefacts in low density distribution across the survey unit: 1/50 m<sup>2</sup>.</p>	
<p><b>SU264/L2 stone artefacts, PAD and hearths</b></p> <p>This landform is an open depression with an entrenched minor creek line. Natural erosional processes are high. Surface scatter of stone artefacts including a wide range of exotic materials; potential for subsurface deposit but it is generally highly eroded; numerous hearths many of which have excavation potential.</p>	
	 <p>General view looking 175°. Note small, entrenched drainage line.</p>
	 <p>Looking 240°. Note erosion, creek on left and surface wash.</p>
<p><b>SU264/L3 SPA</b></p> <p>Grey, low/moderate quality quartz outcrops and scree in overall area measuring 20 x 10 x 0.3 (h) m with batter marks and associated stone artefacts. Artefact density low/moderate.</p>	

<p><b>SU264/L4 SPA</b></p> <p>White, moderate quality quartz outcrop measuring 15 x 5 x 0.9 (h) m with extensive Hertzian cone fractures, batter marks and associated stone artefacts. Extensive scree measuring 70 x 50 m extends from the outcrop to the east and contains moderate density artefacts. The outcrop is at the interface between a bedrock rise and an extensive open depression landform to the east. There is some but limited subsurface potential at the site.</p>	<p>Looking 130°. Note outcrop to right and scree extending downslope to the east</p>  <p>Detail of batter mark</p> 
<p><b>SU265/L1 continuous stone artefacts and hearths</b></p> <p>This landform is an extensive, wide open depression with a network of entrenched minor creek lines and erosional gullies. Natural erosional processes are extremely high and the area consists of large expanses of bare earth or surface wash. It contains a very sparse and patchy surface scatter of quartz stone artefacts; several silcrete pieces also recorded. The potential for subsurface deposit is low given the high levels of erosion. Numerous hearths are present in a patchy distribution; many are highly eroded and remain as dispersed scatters of hearth stone or pedestals above the eroded land surface.</p>	<p>Looking 90°. Note drainage line entrenchment and extensive surface wash.</p> 

	<p>Eroded hearth at 535833.6495694 looking 155°. Note 'pedestal' effect of erosion.</p> 
<p><b>SU266/L1 continuous stone artefacts and hearths</b></p>	
<p>This landform is a flat. It is relatively stable however some erosional features are present including rilling and surface wash. It contains a surface scatter of quartz stone artefacts. Observed artefact density is variable: 5/1m<sup>2</sup> on average and a patchy distribution of relatively intact hearths.</p>	
<p><b>SU266/L2 stone artefacts, PAD and hearths</b></p>	
<p>This landform is a small alluvial terrace on either side of a minor entrenched drainage line. The landform is actively eroding from entrenchment of the creek; the erosion of archaeological deposit in the creek bank is visible. A surface scatter of stone artefacts is present including a range of exotic materials and artefact types. There is high potential for PAD; numerous hearths are present some of which are intact.</p>	<p>Looking east. Note entrenchment of creek and erosion of deposit.</p> 
<p><b>SU267/L1 stone artefacts (continuous sparse distribution)</b></p>	
<p>This survey unit is comprised of a series of undulating narrow valleys and saddles of gentle gradient and includes bedrock landform elements and small alluvial terraces adjacent to minor drainage line. Quartz outcrops are present in low/moderate density and background quartz gravels are moderate. Erosional processes are generally high; drainage lines are entrenched and actively eroding. Quartz stone artefacts are present in very low density; 1/10 m<sup>2</sup>. Additionally: brown silcrete flaked piece: 25 x 20 x 10 mm, grey silcrete flake: 36 x 42 x 16 mm, silcrete flaked piece with usewear on 1 margin: 45 x 36 x 14 mm, yellow silcrete microblade core: 45 x 37 x 30mm; white silcrete flake with usewear, brown silcrete flake with usewear both margins: 35 x 18 x 7 mm</p>	



<p><b>SU267/L2 SPA</b>                  White and grey quartz outcrop measuring 15 x 5 x 0.4 (h) m with numerous batter marks and associated stone artefacts. A large area of scree (60 m x 30 m) extends to the east and is truncated by existing track. Artefacts are present in low density.</p>	<p>Looking 140°.</p> 
<p><b>SU267/L3 hearths</b>                  Discrete cluster of 3 intact hearths in overall area measuring 15 x 10 on west side of minor drainage line. Area actively eroding with gullying and entrenchment. This active erosional feature threatens the long term future of the hearths.</p>	<p>Looking 140°. Note gully erosion adjacent to hearths.</p> 
<p><b>SU267/L4 hearth</b></p>	
<p>A single isolated hearth: relatively intact located 5 west of an entrenched creek channel.</p>	
<p><b>SU267/L5 SPA</b></p>	
<p>White, moderate quality quartz outcrops in overall area measuring 20 x 10 x 0.2 (h) m with batter marks and associated stone artefacts. Extensive scree (60 m to SE) contains sparse artefacts. Scree is truncated by existing track.</p>	
<p><b>SU267/L6 stone artefacts, PAD and hearths</b></p>	
<p>Small flat landform measuring 220 x 100 m in area adjacent to a minor drainage line. A surface scatter of stone artefacts is present including exotic materials. The flat is a relatively stable landform and has potential for PAD with subsurface artefacts in low/moderate density. Two intact hearths are visible on the surface.</p>	
<p><b>SU267/L7 hearth</b></p>	
<p>A single relatively intact hearth measuring 80 x 60 cm; eroded on eastern side. Hearth located 12 m east of existing track.</p>	



<p><b>SU267/L8 SPA</b></p> <p>Large area measuring c. 1 hectare on top of knoll with c. 8 white, moderate quality quartz outcrops. Outcrops possess minor evidence of extraction including Hertzian cone fractures and batter marks. Associated stone artefacts in moderate density and subsurface potential. Scree extends downslope to east c. 100 m.</p>	
	<p>Looking south along eastern outcrop in complex.</p> 
<p><b>SU267/L9 hearth</b></p> <p>A single, isolated relatively intact hearth measuring 1.2 x 1 m. The hearth is located on the west site of a minor drainage line. The hearth is starting to erode on its eastern side.</p>	
<p><b>SU267/L10 SPA</b></p> <p>White, moderate quality quartz outcrop with no obvious extraction features however associated stone artefacts in moderate density. Artefacts also present in scree extending downslope to the east in an area measuring 20 x 40 m (EW).</p>	
<p><b>SU267/L11 SPA</b></p> <p>Massive white, moderate quality quartz outcrop measuring 60 x 30 x 1.5 (h) m with minor evidence of use but Hertzian cone fractures present, and associated stone artefacts. Extensive scree downslope to east into SU267/L12 where some hearths are made from quartz cobbles.</p>	
	<p>Looking 235° across SU267/L12 to SPA denoted by arrow.</p> 
<p><b>SU267/L12 stone artefacts, PAD and hearths</b></p> <p>Flat landform in open depression with surface scatter of stone artefacts, potential for PAD and numerous hearths some of which made from quartz. Quartz stone artefacts present in moderate density. The flat is highly eroded from creek entrenchment, gullying and rill erosion. Numerous hearths are intact.</p>	



<p><b>SU267/L13 stone artefacts, PAD and hearths</b></p>	<p>View of landform from nears track creek crossing looking 60°.</p>
<p>This landform is an alluvial terrace on the north side of an upper tributary of Eldee Creek. The area within the survey unit measures c. 200 m east/west by c. 80 m north/south. The landform is relatively stable especially at the east end of the survey unit; the west end is more actively eroding with entrenchment of gullying, rilling and surface wash. A surface scatter of stone artefacts is present including a range of exotic materials and rare artefact types. There is high potential for PAD; numerous hearths are present some of which are intact.</p>	
	<p>Detail of face of artefact with two grinding pits.</p>
	
<p><b>SU268/L1 stone artefacts (continuous sparse distribution)</b></p>	
<p>This survey unit is comprised of a series of generally wide, very gently undulating valleys of gentle gradient and includes bedrock landform elements and alluvial terraces adjacent to drainage lines. Quartz outcrops are present in moderate/high density and background quartz gravels are moderate. Erosional processes are generally moderate; drainage lines are entrenched and actively eroding. Quartz stone artefacts are present in very low density; 1/50 m<sup>2</sup>.</p>	
<p><b>SU268/L2 SPA</b></p>	
<p>Grey, moderate to poor quality quartz outcrops and scree measuring 70 x 70 m with Hertzian cone fractures, batter marks and associated stone artefacts.</p>	



<p><b>SU268/L3 SPA</b></p> <p>A complex of 3 quartz outcrops with Hertzian cone fractures, batter marks and associated stone artefacts in an overall area measuring c. 100 x 100 m. Artefact density is moderate.</p>	<p>Looking 185°</p> 
<p><b>SU268/L4 stone artefacts, PAD and hearths</b></p> <p>This landform is an alluvial flat on the north and west side of an upper tributary creek. The area within the survey unit measures c. 350 m by c. 150 m. The landform is relatively stable however there is some active erosion with entrenchment of gullying, rilling and surface wash. A surface scatter of stone artefacts is present. There is high potential for PAD; numerous hearths are present some of which are intact.</p>	<p>Looking 170°.</p> 
<p><b>SU268/L5 stone artefacts, PAD and hearths</b></p> <p>This landform is an alluvial flat on the north and west side of an upper tributary creek. The area within the survey unit measures c. 450 m by c. 200 m. The landform is relatively stable however there is some active erosion with entrenchment of gullying, rilling and surface wash. A surface scatter of stone artefacts is present including a range of exotic materials and artefact types. There is high potential for PAD; numerous hearths are present some of which are intact.</p>	







<b>SU268/L6 SPA</b>	
White moderate quality quartz outcrop measuring 2 x 2 x 0.4 (h) m with numerous batter marks and associated stone artefact. The site is located 20 m west of creek in SU268/L5 and has excavation potential.	Looking 245°. 
<b>SU268/L7 SPA</b>	
White, moderate quality quartz outcrops and scree in an area measuring 30 x 30 x 0.3 (h) m with numerous Hertzian cone fractures, batter marks and associated stone artefacts. Artefact density is possibly moderate to high.	
<b>SU268/L8 SPA</b>	
White, moderate quality quartz outcrops in area measuring 30 x 30 x 0.2 (h) m with Hertzian cone fractures, batter marks and associated stone artefacts. Also quartz cobbles with battering marks. The site has excavation potential. The existing track traverses the site.	
<b>SU268/L9 SPA</b>	
Complex of grey, moderate quality quartz outcrops and scree in an area measuring 100 x 100 x 0.5 (h) m with extensive Hertzian cone fractures, batter marks and associated stone artefacts.	
<b>SU268/L10 SPA</b>	
Complex of quartz outcrops and scree in area measuring 70 x 70 x 0.4 (h) m with numerous Hertzian cone fractures, batter marks and associated stone artefacts. The site has excavation potential.	
<b>SU268/L11 SPA</b>	
Complex of three small, low white/grey, moderate quality quartz outcrops and scree in area measuring 50 x 40 x 0.2 (h) m with Hertzian cone fractures, batter marks and associated stone artefacts.	
<b>SU268/L12 SPA</b>	
White quartz outcrop with scree in area measuring 80 x 80 m with Hertzian cone fractures, batter marks and associated stone artefacts: artefacts in moderate/high density. The ground is very rocky however there is some excavation potential at the site.	
<b>SU268/L13 SPA</b>	
Grey, moderate quality quartz outcrop measuring 10 x 4 x 0.7 (h) m with Hertzian cone fractures, batter marks and associated stone artefacts in scree (area 30 x 30 m). The ground is very rocky however there is some excavation potential at the site.	
<b>SU268/L14 stone artefacts, PAD and hearths</b>	
This landform is an alluvial flat on the west side of Lakes Grave Creek. The area within the survey unit measures c. 450 m by c. 200 m. The landform is actively erosion with entrenchment of gullying, rilling and surface wash. A surface scatter of stone artefacts is present including a range of exotic materials and artefact types. There is potential for PAD however given high erosion this is limited; numerous hearths are present some of which are intact.	Looking south to the south end of the Survey Unit. Note high erosion 
<b>SU268/L15 SPA</b>	



<p>White, moderate quality quartz outcrop measuring 2 x 1 x 0.4 (h) m with Hertzian cone fractures, batter marks and associated stone artefacts.</p>	
<p><b>SU268/L16 stone artefacts, PAD and hearths</b></p>	
<p>This landform is an alluvial flat on both the east and west side of Lakes Grave Creek. The area within the survey unit measures c. 300 m by c. 175 m. The landform is actively erosion with entrenchment of gulying, rilling and surface wash. A surface scatter of stone artefacts is present including a range of exotic materials and artefact types; quartz napping events visible on scours; also two classic silcrete horse hoof cores. There is potential for PAD in undisturbed areas; numerous hearths are present some of which are intact.</p>	
<p><b>SU269/L1 stone artefacts (continuous sparse distribution)</b></p>	
<p>This survey unit comprises a series of simple slopes within a ridge crest context situated c. 1500 m south west of Mt Franks. Slope gradient varies between gentle to low/moderate. A moderate occurrence of quartz outcrops and moderate levels of quartz background shatter is present. Quartz stone artefacts in low density distribution across the survey unit: 1/5 m<sup>2</sup>.</p>	<p>General view of survey unit from Wind Monitoring Mast 6 looking 135°.</p> 
<p><b>SU269/L2 SPA</b></p>	
<p>White quartz, moderate quality outcrop measuring 0.8 x 0.8 x 0.3 (h) m with Hertzian cone fractures, batter marks and associated stone artefacts: artefacts in low density. Scree to east in area measuring 20 x 10 m.</p>	
<p><b>SU269/L3 SPA</b></p>	
<p>Grey quartz, moderate quality outcrop measuring 1.5 x 0.6 x 0.3 (h) m with batter marks and associated stone artefacts; Scree to north in area measuring 20 x 10 m. An additional small outcrop 20 m to SE with batter marks and artefacts.</p>	
<p><b>SU269/L4 SPA</b></p>	
<p>White, moderate quality quartz outcrop measuring 10 x 10 x 0.3 (h) m; no obvious extraction marks but with associated artefacts in scree.</p>	
<p><b>SU269/L5 SPA</b></p>	
<p>Grey, moderate quality quartz outcrop measuring 4 x 5 x 0.3 (h) m; no obvious extraction marks but with associated artefacts in scree.</p>	
<p><b>SU270/L1 stone artefacts (continuous sparse distribution)</b></p>	
<p>This survey unit include a series of simple slopes a minor drainage line. Slope gradient varies between gentle to moderate. A moderate occurrence of quartz outcrops and moderate levels of quartz background shatter is present. Quartz stone artefacts in low density distribution across the survey unit: 1/50 m<sup>2</sup>.</p>	
<p><b>SU270/L2 stone artefacts, PAD and hearths</b></p>	
<p>A minor alluvial flat landform element adjacent a minor drainage line. A surface scatter of stone artefacts and hearths are present. The landform has potential for PAD areas of both high natural erosion and relatively intact deposit.</p>	<p>Looking 105° from 530594.6485157 across drainage line</p> 

<p><b>SU270/L3 SPA</b> White, moderate quality quartz outcrops in an overall area measuring 30 x 30 m with batter marks and associated low density artefacts in scree.</p>	<p>Looking 170°.</p> 
<p><b>SU270/L4 SPA</b> White, moderate quality quartz outcrop measuring 10 x 3 x 0.4 (h) m; no obvious extraction marks but with associated artefacts in scree.</p>	
<p><b>SU271/L1 stone artefacts (continuous sparse distribution)</b> This survey unit is comprised of a series of undulating narrow valleys and saddles of gentle gradient and includes bedrock landform elements primarily bedrock simple slopes adjacent to an upper tributary drainage line: Dense Camp Creek. Quartz outcrops are present in low/moderate density and background quartz gravels are moderate. Erosional processes are generally high; drainage lines are entrenched and actively eroding. Quartz stone artefacts are present in very low density; 1/1 m<sup>2</sup>. Also: grey silcrete geometric microlith segment shaped with retouch from ventral: 26 x 15 x 7 mm, brown silcrete flake: 33 x 28 x 15 mm with usewear scarring on one margin from ventral</p>	<p>General view of section of survey unit from 528421.6487554 looking 140°.</p> 
<p><b>SU271/L2 SPA</b> Grey, poor/moderate quality quartz outcrop measuring 3 x 2 x 0.2 (h) m with batter marks and associated artefacts in scree. Disturbed by track.</p>	
<p><b>SU271/L3 stone artefacts and PAD</b> A low gradient simple slope located on south side of Dense Camp creek containing a surface scatter of quartz stone artefacts; potential PAD areas of both high natural erosion and relatively intact deposit. A brown silcrete flake fragment: 33 x 32 x 10mm.</p>	
<p><b>SU271/L4 SPA</b> White, poor/moderate quality quartz outcrops in overall area measuring 20 x 20 m with batter marks and associated artefacts in scree.</p>	
<p><b>SU271/L5 SPA</b> White, moderate quality quartz outcrop measuring 10 x 10 x 0.2 (h) m with minor batter marks; nil artefacts observed.</p>	
<p><b>SU271/L6 SPA</b> White, poor/moderate quality quartz outcrop measuring 12 x 5 x 0.4 (h) m with minor Hertzian cone fractures and associated artefacts in scree.</p>	
<p><b>SU271/L7 SPA</b> White, moderate quality quartz cobble outcrops in overall area measuring 20 x 20 m with batter marks and associated artefacts in scree.</p>	

<b>SU271/L8 SPA</b>	
White, moderate quality quartz outcrop measuring 10 x 5 x 0.4 (h) m with Hertzian cone fractures and associated artefacts in scree: measuring 20 x 20 m and extending to north.	
<b>SU271/L9 SPA</b>	
White, moderate quality quartz outcrop measuring 5 x 3 x 0.2 (h) m; no obvious extraction marks but with associated artefacts in scree.	Looking 160° 
<b>SU272/L1 stone artefacts (continuous sparse distribution)</b>	
This survey unit comprises a series of simple slopes within a wide open valley context. Slope gradient varies between gentle to low/moderate. A low occurrence of quartz outcrops and moderate/high levels of quartz background shatter is present. Quartz stone artefacts in low density distribution across the survey unit: 1/5 m <sup>2</sup> .	
<b>SU272/L2 SPA</b>	
White, good quality quartz outcrop measuring 4 x 4 x 0.2 (h) m with Hertzian cone fractures, batter marks, negative flake scars and associated artefacts in scree: scree extends 20 m to east.	
<b>SU273/L1 stone artefacts (continuous sparse distribution)</b>	
This survey unit comprises a low, elevated bedrock rises within a wide open valley context. A red gum lined upper tributary of Mundi Mundi Creek flows northward through the valley. Slope gradient is gentle to low/moderate. A low/moderate occurrence of quartz outcrops and moderate levels of quartz background shatter is present. Quartz stone artefacts in low density distribution across the survey unit: 1/10 m <sup>2</sup> . Alluvial flats adjacent to the creek are highly sensitive.	Looking 195° 
<b>SU273/L2 SPA</b>	
Grey/white, moderate quality quartz outcrop measuring 4 x 5 x 0.4 (h) m with Hertzian cone fractures, batter marks and associated artefacts in scree measuring 10 x 10 m.	

<p><b>SU273/L3 stone artefacts, PAD and hearths</b></p>	<p>Looking east. Note high levels of erosion.</p>
<p>This landform element is an alluvial terrace situated on the west side of Mundi Mundi Creek. Surface scatter of stone artefacts including exotic materials and rare artefact types; hearths. The area has high potential to contain PAD. There are areas of both high natural erosion and relative intact deposit</p>	
<p><b>SU274/L1 stone artefacts, PAD and hearths</b></p>	
<p>This landform element is an alluvial terrace situated on the east side of Mundi Mundi Creek. It contains a sparse surface scatter of stone artefacts and hearths. The area has high potential to contain PAD. There are areas of both high natural erosion and relative intact deposit.</p>	
<p><b>SU275/L1 stone artefacts (continuous sparse distribution)</b></p>	
<p>This survey unit comprises bedrock, simple slopes and rises within a wide open valley context. An upper tributary of Mundi Mundi Creek flows northward through the valley. Slope gradient is gentle to moderate. A low/moderate occurrence of quartz outcrops and moderate levels of quartz background shatter is present. Quartz stone artefacts in low density distribution across the survey unit: 1/50 m<sup>2</sup>. Alluvial flats adjacent to the creek are highly sensitive.</p>	<p>Looking 105°.</p> 
<p><b>SU275/L2 SPA</b></p>	
<p>White, moderate quality quartz outcrop measuring 5 x 1 x 0.5 (h) m with batter marks and associated artefacts in scree measuring 10 x 10 m.</p>	
<p><b>SU275/L3 stone artefacts (discrete)</b></p>	
<p>A small discrete scatter of quartz stone artefacts in an area measuring 10 x 10 m. Artefact density is calculated to be 5/1 m<sup>2</sup>.</p>	
<p><b>SU275/L4 stone artefacts, PAD and hearths</b></p>	
<p>This landform element is an alluvial flat adjacent to a minor tributary creek. It contains a surface scatter of stone artefacts; hearths, potential PAD areas of both high natural erosion and relative intact deposit.</p>	
<p><b>SU275/L5 stone artefacts (discrete)</b></p>	
<p>A small discrete scatter of quartz stone artefacts in an area measuring 10 x 10 m. Artefact density is calculated to be 5/1 m<sup>2</sup> including a core/hammerstone.</p>	
<p><b>SU275/L6 SPA</b></p>	
<p>White, moderate quality quartz outcrops in area measuring 3 x 1 m; no obvious extraction features; and associated artefacts in scree.</p>	
<p><b>SU275/L7 SPA</b></p>	
<p>White, moderate quality quartz outcrops in area measuring 2 x 2 m; no obvious extraction features; and associated artefacts in scree.</p>	

<b>SU276/L1 stone artefacts (continuous sparse distribution)</b>	
<p>This survey unit traverses amorphous country of rolling downs and lowlands. It comprises low bedrock rises, broad flats, open depressions and alluvial terraces adjacent to upper tributary drainage lines. Slope gradient varies between, flat, gentle and moderate. A low/moderate occurrence of quartz outcrops and moderate levels of quartz background shatter is present. Quartz stone artefacts in low density distribution across the survey unit: 1/10 m<sup>2</sup>.</p>	<p>Looking south.</p> 
<b>SU276/L2 SPA</b>	
<p>White, good quality quartz outcrops in an overall area measuring 70 x 20 m with minor Hertzian cone fractures, batter marks and associated artefacts in scree.</p>	
<b>SU276/L3 SPA</b>	
<p>White, high quality quartz outcrop measuring 10 x 10 x 0.3 (h) m with numerous Hertzian cone fractures and batter marks; nil artefacts observed.</p>	
<b>SU276/L4 stone artefacts, PAD and hearths</b>	
<p>This landform is an alluvial terrace situated on either side of an upper tributary of Umberumberka Creek. A surface scatter of stone artefacts is present; also an eroded hearth. There are potential PAD areas of both high natural erosion and relative intact deposit.</p>	
<b>SU276/L5 hearths</b>	
<p>Two eroded hearths adjacent and on the north side of a small eroded gully in an open depression landform element. Hearth #1 (eastern) measures 0.5 x 0.3 m and hearth #2 measures 0.8 x 0.6 m. Nil excavation potential.</p>	
<b>SU276/L6 hearth</b>	
<p>Largely intact hearth measuring 0.5 x 0.5 m located on a gentle simple slope. Excavation potential.</p>	
<b>SU276/L7 SPA</b>	
<p>White quartz outcrop and scree in area measuring 30 x 30 m; no obvious extraction features however with associated artefacts.</p>	<p>Looking south.</p> 
<b>SU276/L8 SPA</b>	
<p>White, moderate quality quartz outcrops in area measuring 4 x 4 m with Hertzian cone fractures, batter marks and associated artefacts in scree.</p>	
<b>SU276/L9 hearth</b>	
<p>A single eroded hearth located on the edge of a gully measuring 0.8 x 0.5 m: Limited excavation potential.</p>	

<b>SU276/L10 SPA</b>	
White, low/moderate quality quartz outcrops in an overall area measuring 2 x 2 m with batter marks and associated artefacts in large area of quartz scree.	
<b>SU276/L11 SPA</b>	
White and grey, moderate quality quartz outcrop measuring 10 x 2 x 0.3 (h) m with Hertzian cone fractures, batter marks; nil artefacts observed.	
<b>SU276/L12 SPA</b>	
White, low/moderate quality quartz outcrop measuring 4 x 0.5 x 0.15 (h) m with batter marks; nil artefacts observed.	Looking 55°. 
<b>SU276/L13 SPA</b>	
White, high quality quartz outcrops and scree in an area measuring 50 x 50 m with numerous Hertzian cone fractures, batter marks and associated artefacts in moderate density. Also an associated fragment of a quartzite hammerstone cobble: measuring 66 x 31 x 15 mm.	
<b>SU277/L1 stone artefacts (continuous sparse distribution)</b>	
This landform area is located on the western half of the proposed construction compound envelope. It comprises a series of undulating bedrock rises. It contains quartz stone artefacts in very low density: 1/50 m <sup>2</sup> .	Looking 70° near existing road from 527916.6477526. 

**SU277/L2 stone artefacts, PAD and hearths**

This area is located on the eastern side of the proposed Construction Compound immediately to the west of Lakes Grave Creek. The landform element is a very gently sloping alluvial terrace. It contains a surface scatter of stone artefacts including relatively high density exotic materials and rare artefact types. It contains a high density of hearths and potential PAD areas of both high natural erosion and relative intact deposit. It is predicted to contain subsurface artefacts in moderate to high density. This site exemplifies the fragile nature of alluvial deposits in the Barrier Ranges and the high threat erosion poses to significant Aboriginal archaeological deposits.

View of part of site looking 170° and showing areas of both high erosion and relatively intact deposit.





Looking 45° along edge of creek: Flags denote high density of intact hearths at edge of creek.





Looking 150° at eroding hearth: 528178.6477164





<b>SU278/L1 stone artefacts (continuous sparse distribution)</b>	
Quartz stone artefacts; 1/50 m <sup>2</sup>	General view of survey unit from 534497.6465509 looking 195°. 
<b>SU278/L2 stone artefacts, PAD and hearths</b>	
This site is comprised of alluvial flats located on either side of a minor drainage line. The landform is generally highly eroded. It contains a surface scatter of stone artefacts; hearths, potential PAD area but high natural erosion.	
<b>SU278/L3 SPA</b>	
White, moderate quality quartz outcrop measuring 5 x 4 x 0.2 (h) m with minor Hertzian cone fractures, batter marks and associated artefacts in low density. Subsurface potential.	
<b>SU278/L4 hearth</b>	
Single eroded hearth in an erosion scour measuring 1 x 0.8 m. Limited excavation potential.	
<b>SU278/L5 stone artefacts (discrete)</b>	
Discrete scatter of quartz stone artefacts in a highly eroded open depression. Low subsurface potential due to erosion; artefact density: 1/1 m <sup>2</sup> .	
<b>SU278/L6 stone artefacts, PAD and hearths</b>	
This site is an open drainage depression. It contains a surface scatter of stone artefacts including exotic materials; hearths, potential PAD area but high natural erosion. Some hearths have excavation potential. Subsurface potential is low due to erosion.	Looking 240°. Note high erosion. 

<b>SU278/L7 stone artefacts, PAD and hearths</b>	
<p>Alluvial terrace situated on south side of a minor creek. Surface scatter of stone artefacts including exotic materials; hearths some of which have excavation potential, potential PAD area but high natural erosion.</p>	<p>Looking 300°. Note high erosion.</p> 
<b>SU278/L8 stone artefacts, PAD and hearths</b>	
<p>Alluvial terrace situated on north side of a minor creek. Surface scatter of stone artefacts; hearths some of which have excavation potential, potential PAD area.</p>	<p>Looking 90°. Note relatively stable deposit.</p> 
<b>SU278/L9 stone artefacts, PAD and hearths</b>	
<p>Alluvial terrace situated on either side of a minor creek. Surface scatter of stone artefacts including exotic materials and rare artefacts; hearths, potential PAD area but high natural erosion.</p>	