

APPENDIX 1



PO Box 574 NAROOMA NSW 2546

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www.onsitechm.com.au

Our Ref: A015

19 March 2012

Establishing a Register of Interest for an Aboriginal Cultural Heritage Assessment and Aboriginal Heritage Impact Permit application – Girilambone Avoca Tank Project NSW 2831

I am writing to you in accordance with Section 4.1.2 of the ***Aboriginal cultural heritage consultation requirements for proponents*** and specifically to initiate Stage 1 of the Aboriginal consultation process.

Tritton Resources Limited Pty is in the early stage of exploration of a newly identified resource to the north of its Girilambone Copper Mine, currently referred to as the Avoca Tank Project. The Avoca Tank Project area covers approximately 8.7km² across part of Lots 10, 135 and 144 (DP 751315) on the Coolabah 8235 1:100,000 map sheet. The project area is approximately 4 kilometres north west along the Mitchell Highway of the town of Girilambone NSW 2831. A map showing the location of the subject area is attached.

On Site Cultural Heritage Management has been engaged to conduct an Aboriginal Cultural Heritage Assessment of the subject land. The assessment may result in an application for an Aboriginal Heritage Impact Permit (AHIP) pursuant to the *NSW National Parks and Wildlife Act*.

In accordance with Stage 1 of the *Aboriginal cultural heritage consultation requirements for proponents*, I am writing to you to identify Aboriginal persons who may hold cultural knowledge relevant to determining the significance of Aboriginal objects that may be located within the project area.

Could you please conduct relevant database or register searches and provide the names of Aboriginal people you consider may be affected by this proposal. The names of Aboriginal persons you provide will be invited to register an interest in the project and participate in the consultation process.

Your assistance in this process would be much appreciated and ensure that the proponent and OEH consider the views of Aboriginal people affected by this proposal.

Could you please forward the names of those Aboriginal persons you consider may be affected by this proposal to me by 3 April 2012.

Please note that this correspondence has been sent to the following organisations in accordance with Section 4.1.2 of the consultation requirements:

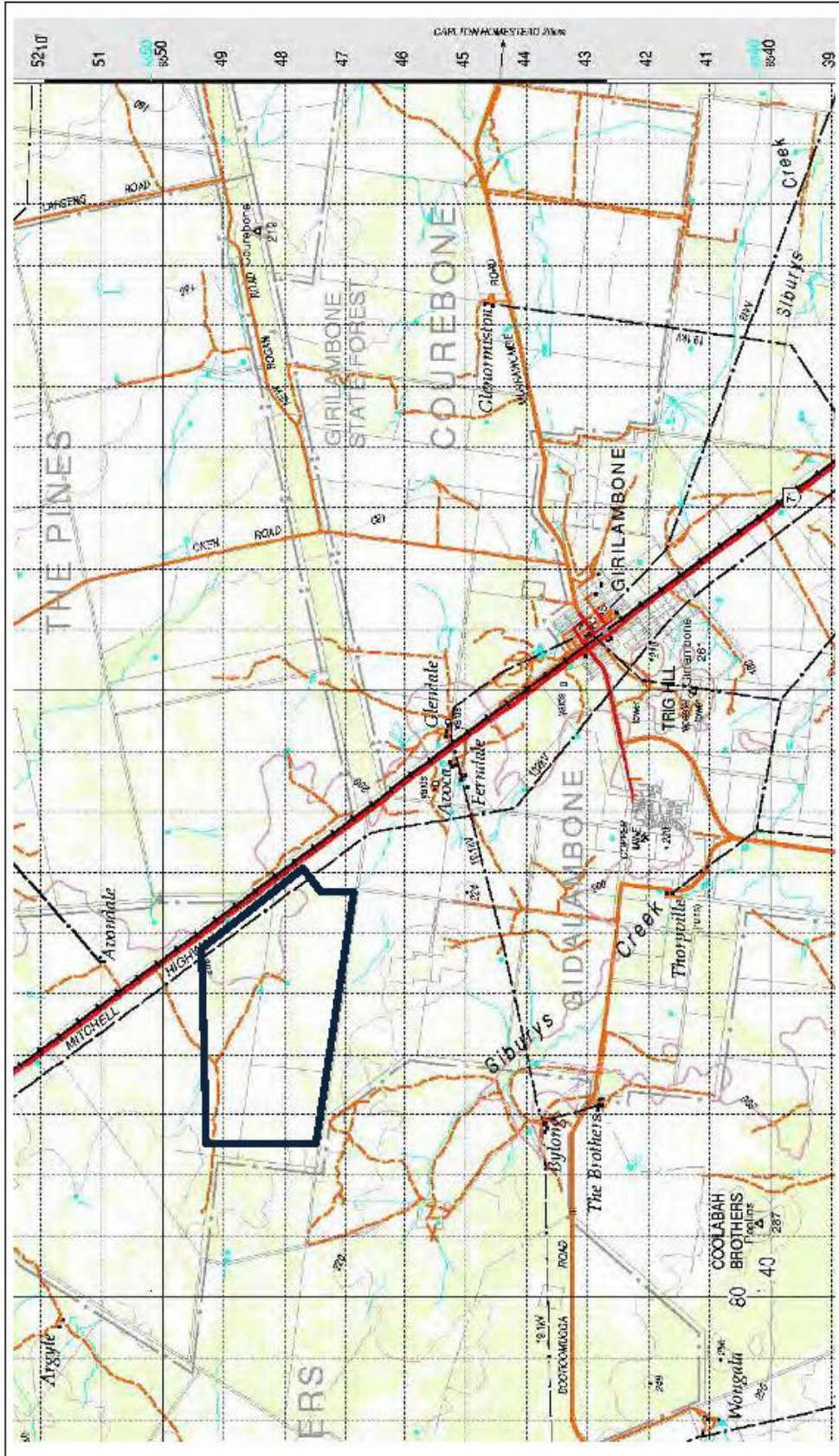
- a) Office of Environment and Heritage EPRG regional office, North West Dubbo
- b) Nyngan Local Aboriginal Land Council
- c) the Registrar, *Aboriginal Land Rights Act 1983* for a list of Aboriginal owners
- d) the National Native Title Tribunal for a list of registered native title claimants, native title holders and registered Indigenous Land Use Agreements
- e) Native Title Services Corporation Limited (NTSCORP Limited)
- f) Bogan Shire Council, Nyngan
- g) Central West Catchment Management Authority, Nyngan for contact details of any established Aboriginal reference group

Please contact me should you require any further information or wish to discuss this proposal.

Regards

Gerard Niemoeller
Principal Heritage Consultant

Figure 1: Avoca Tank project area (8.7km²) shown in thick blue lines across part of Lots 10, 135 and 144 (DP 751315) on the Coolabah 8235 1:100,000 map sheet





Your reference Proposed Girilambone Avoca Tank
Project, Girilambone NSW
Our reference DOC12/11482
Contact Paul Houston 68835361

Onsite Cultural Heritage Management
PO Box 574
NAROOMA NSW 2546
Att: Gerard Niemoeller

20th March 2012

Dear Gerard,

**WRITTEN NOTIFICATION AS REQUIRED UNDER OFFICE OF ENVIRONMENT AND
HERITAGE (OEH) ABORIGINAL CULTURAL HERITAGE REQUIREMENT FOR
PROPOSERS 2010 – Proposed Girilambone Avoca Tank Project, Girilambone NSW**

I refer to your letter dated 19th March 2012 to the Office of Environment and Heritage (OEH) regarding the above matter.

A list of known Aboriginal parties that OEH feels is likely to have an interest in this development is attached as Attachment 1 (overleaf). Please note this list is not necessarily an exhaustive list of all interested Aboriginal parties and receipt of this list does not remove the requirement of a proponent/consultant to advertise in local print media and contact other bodies seeking interested Aboriginal parties, in accordance with the requirements.

If you wish to discuss any of the above matters further please contact me, at your earliest convenience, on (02) 6883 5361.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Paul Houston'.

Paul Houston
Aboriginal Heritage Planning Officer
OEH

The Department of Environment, Climate Change and Water is now known as
The Office of Environment and Heritage.

PO Box 2111, Dubbo NSW 2830
48-52 Wingewarra St Dubbo NSW
Tel: (02) 6883 5330 Fax: (02) 6884 9382
www.environment.nsw.gov.au

ATTACHMENT 1

OEHS LIST OF ABORIGINAL STAKEHOLDER GROUPS WITHIN THE BOGAN LGA - THAT MAY HAVE AN INTEREST IN THE PROJECT; PROVIDED AS PER THE "OEHS ABORIGINAL CULTURAL HERITAGE REQUIREMENT FOR PROPONENTS 2010".

Organisation/Affiliation	Name/Title	Address
Bogan Aboriginal Corporation		PO Box 345 NYNGAN NSW 2825
John Shipp		79 Thompson Street Dubbo
NYNGAN LALC	Chairperson	PO Box 43 NYNGAN NSW 2825

The Department of Environment Climate Change and Water is now known as
The Office of Environment and Heritage.

PO Box 2111, Dubbo NSW 2830
48-52 Wingewarra St Dubbo NSW
Tel: (02) 6883 5330 Fax: (02) 6884 9382
www.environment.nsw.gov.au

NYNGAN LOCAL ABORIGINAL LAND COUNCIL

PO Box 43
NYNGAN NSW 2825
EMAIL: nynganalc@bigpond.com

ABN: 67 669 167 656
PH: (02) 6832 2639
FAX: (02) 6832 2878

28th March 2012

On Site
Cultural Heritage Management
Attention: Gerard Niemoeller
PO BOX 574
NAROOMA NSW 2546

Dear Gerard

Re: Girilambone Avoca Tank Project 2831

Nyngan Local Aboriginal Land Council would like to register an interest in the Girilambone Avoca Tanks Project.

Another Aboriginal Organisation in the Nyngan Community is Bogan Aboriginal Corporation. Their contact details are:

Bogan Aboriginal Corporation
CEO: Lesly Ryan
46 Nymagee St
Nyngan NSW 2825
Ph: 02 68 321 750
M: 0419 418 851
E: boganac@n.cts.nsw.gov.au

Looking forward to working with you in the future. Thankyou

Yours faithfully



Veneta Dutton
CEO
Nyngan LALC

**NYNGAN LOCAL
ABORIGINAL
LAND COUNCIL**



26 March 2012

Gerard Niemoeller
Principal Heritage Consultant
Onsite Cultural Heritage Management
PO Box 574
Narooma NSW 2546

**South-East & Central Registry
 Sydney Office**

Level 25, 25 Bligh Street
 Sydney NSW 2000
 GPO Box 9973
 Sydney NSW 2000
 Telephone (02) 9227 4000
 Facsimile (02) 9227 4030

Our Reference: 4815/12nt

Your Reference: A015

Dear Mr Niemoeller

Native Title Search Results of Girilambone within Bogan Shire Council Local Government Area

Thank you for your search request of 19 March 2012 in relation to the above area.

Search Results

The results provided are based on the information you supplied and are derived from a search of the following Tribunal databases:

Register Type	NNTT Reference Numbers
Schedule of Applications (unregistered claimant applications)	NC12/1
Register of Native Title Claims	Nil.
National Native Title Register	Nil.
Register of Indigenous Land Use Agreements	Nil.
Notified Indigenous Land Use Agreements	Nil.

I have included an application summary, map attachment and a NNTT Registers fact sheet to help you understand the search result.

Please note that there may be a delay between a native title determination application being lodged in the Federal Court and its transfer to the Tribunal. As a result, some native title determination applications recently filed in the Federal Court may not appear on the Tribunal's databases.

Resolution of native title issues over land and waters.

Freecall 1800 640 501
www.nntt.gov.au

The search results are based on analysis against external boundaries of applications only. Native title applications commonly contain exclusions clauses which remove areas from within the external boundary. To determine whether the areas described are in fact subject to claim, you need to refer to "Area covered by claim" section of the relevant Register Extract or Application Summary and any maps attached.

Search results are the existence of native title

Please note that the enclosed information from the Register of Native Title Claims and/or the Schedule of Applications is **not** confirmation of the existence of native title in this area. This cannot be confirmed until the Federal Court makes a determination that native title does or does not exist in relation to the area. Such determinations are registered on the National Native Title Register.

Tribunal accepts no liability for reliance placed on enclosed information

The enclosed information has been provided in good faith. Use of this information is at your sole risk. The National Native Title Tribunal makes no representative, either express or implied, as to the accuracy or suitability of the information enclosed for any particular purpose and accepts no liability for use of the information or reliance placed on it.

If you have any further queries, please contact me on 1800 640 501.

Yours sincerely



Nakari Thorpe
Senior Case Management Assistant

Telephone (02) 9227 4004

Facsimile (02) 9227 4030

Email Nakari.thorpe@nntt.gov.au

Encl



NATIONAL NATIVE TITLE TRIBUNAL

Claimant Application Summary

Application numbers	Federal Court number: NSD415/12 NNTT number: NC12/1
Application name	Ngemba/Ngiyampaa People
Name of body where application filed	Federal Court of Australia
Date application filed	14/03/2012
Current stage(s)	Currently Identified for Registration Testing, Pre Notification
Registration information	<i>Please refer to the Register of Native Title Claims/National Native Title Register (as appropriate) for registered details of this application.</i> Registration test status: Currently identified for Reg. Test
Applicants	Mrs Elaine Ohlsen, Mr Peter Williams, Mr Brett Smith, Ms Danielle Flakeler-Carney, Mr Neville Merritt, Mr Edward Shipp, Mr John Shipp, Ms Grace Gordon, Mr Jason Ford
Address for service	NTSCORP Ltd Unit 1a Suite 2.02, 44-70 Rosehill Street REDFERN NSW 2016 Phone: (02) 9310 3188 Fax: (02) 9310 4177
Persons claiming to hold native title	The Ngemba/Ngiyampaa People are the native title claim group on whose behalf the Applicant makes this application. The native title claim group comprises all the descendants of the following apical ancestors: Caroline Hilt (who was born on the Barwon River around 1847); Thomas Sullivan (who was born in Brewarrina about 1860); Nellie Colless (who was born in Brewarrina around 1868); Billy Coleman (who was born in Cobar in 1840); Mary Ann Allen (who was born in 1844); Moses Biggs (who was born in 1837); Polly Parkes (who was born in 1846); Anne Brandy (who was born in Colane in 1874); Caroline Brandy (who was born on Duck Creek in 1869); Wadna Boe (who was born in 1848); Richard King (who was born in 1827); Jimmy Keewong (who was born in 1849); Kitty Narrangie; Tom Dennis (who was born in Brewarrina in 1864); Winnie Pierce (who was born in Brewarrina in 1878); Jack Dennis (who was born on the Barwon River in around 1855); Kate Baker (who was born in Boorooma in 1874); Francis "Tracker" Williams (who was born in Gundabooka in 1883); William Johnson (who was born in Big Willandra in 1876); Henry Parkes (who was born in 1863); Topsy Harris also known as Topsy Scotty (who was born in Marfield in 1866); Jack Redtank; Thomas Williams also known as Thomas Broughton (who was born in Roto); Maggie Redtank (who was born in Keewong in 1868);

	<p>Ada Amott (who was born in Nyngan in 1865); Moses Divine; Jack Smith (who was born in Mossgiel in 1869); Ellen Sprowl also known as Ellen McHughes (who was born in Brewarrina in 1867); Fanny Hippi also known as Fanny Williams; Millie Wells also known as Millie Shearer (who was born in Brewarrina in 1874); Pluto Williams (who was born in Trida/Mossgiel in 1873); Steve Shaw (who was born in Coronga Peak in 1855); Fanny Brown also known as Tiltagara Fanny (who was born in Hillston in 1862); David Brown (who was born on the Macquarie River in 1850); Janey Brown (who was born on the Macquarie River in 1853); Betsy Gwen (who was born in Haddon Rigg near Warren in 1849); Louise Hinton (who was born on the Macquarie River in 1843); Cissy Lee (who was born in 1852); Boorooma Murphy (who was born in Boorooma in 1832); Harry Murphy (who was born in Brewarrina around 1871); Thomas Nixon (who was born in Buttabone in 1843); Colaine Lumpy (who was born in 1864); Charlotte Wilson; Tilly Riley (who was born in 1863); Geordie Murray (who was born in 1851 in Ivanhoe).</p>
<p>Native title rights and interests claimed</p>	<p>1. Where exclusive native title can be recognised (such as areas where there has been no prior extinguishment of native title or where s.238 and/or ss.47, 47A, 47B apply), the Ngemba/Ngiyampaa People as defined in Schedule A of this application, claim the right to possession, occupation, use and enjoyment of the lands and waters of the application area to the exclusion of all others subject to the valid laws of the Commonwealth and the State of New South Wales.</p> <p>2. Where exclusive native title cannot be recognised, the Ngemba/Ngiyampaa People as defined in Schedule A of this application, claim the following non-exclusive rights and interests including the right to conduct activities necessary to give effect to them:</p> <ul style="list-style-type: none"> (a) the right to access the application area; (b) the right to use and enjoy the application area; (c) the right to move about the application area; (d) the right to camp on the application area; (e) the right to erect shelters and other structures on the application area; (f) the right to live being to enter and remain on the application area; (g) the right to hold meetings on the application area; (h) the right to hunt on the application area; (i) the right to fish in the application area; (j) the right to have access to and use the natural water resources of the application area; (k) the right to gather and use the natural resources of the application area (including food, medicinal plants, timber, tubers, charcoal, wax, stone, ochre and resin as well as materials for fabricating tools, hunting implements, making artwork and musical instruments); (l) the right to share and exchange resources derived from the land and waters within the application area; (m) the right to participate in cultural and spiritual activities on the application area; (n) the right to maintain and protect places of importance under traditional laws, customs and practices in the application area; (o) the right to conduct ceremonies on the application area; (p) the right to transmit traditional knowledge to members of the native title claim group including knowledge of particular sites on the application area; (q) the right to speak for and make non-exclusive decisions about the application area in accordance with traditional laws and customs; (r) the right to speak authoritatively about the application area among other Aboriginal People in accordance with traditional laws and customs; and (s) the right to control access to or use of the lands and waters within the application area by other Aboriginal People in accordance with traditional laws and customs. <p>3. The native title rights and interests referred to in paragraph 2 do not confer possession, occupation, use or enjoyment of the lands and waters of the application area to the exclusion of all others.</p> <p>4. The native title rights and interests are subject to and exercisable in accordance with:</p> <ul style="list-style-type: none"> (a) the laws of the State of New South Wales and the Commonwealth of Australia including the common law; (b) the rights (past or present) conferred upon persons pursuant to the laws of the Commonwealth and the laws of the State of New South Wales; and

	(c) the traditional laws and customs of the Ngemba/Ngiyampaa People for personal, domestic and communal purposes (including social, cultural, religious, spiritual and ceremonial purposes).
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<p>Area</p>	<p>Jurisdiction: New South Wales</p> <p>Location: The application covers an area of 95,125sq km over northern-central NSW. It covers Brewarrina to the north, Gilgandra to the east, Hillston to the south and Ivanhoe to the west.</p> <p>Local government region(s): Bogan Shire Council, Bourke Shire Council, Brewarrina Shire Council, Carrathool Shire Council, Central Darling Shire Council, Cobar Shire Council, Coonamble Shire Council, Gilgandra Shire Council, Lachlan Shire Council, Walgett Shire Council, Warren Shire Council</p> <p>Representative A/TSI body(s): NTSCORP Limited</p> <p>Approximate size: 95,125sq km (Note: There may be areas within the external boundary of the application that are not claimed.)</p> <p>Land/water and/or sea: Land/Water</p> <p>Area covered by the claim (as detailed in the application):</p> <p>(A) Area covered by application The area covered by the application ("the Application Area") comprises all of the land and waters within the external boundaries described in Attachment B and depicted in the map at Attachment C.</p> <p>The Application Area description and map have been prepared with the assistance of the Geo-Spatial Unit of the National Native Title Tribunal. The area covered by this application does not include the areas described at point B below.</p> <p>(B) Areas within the external boundaries not covered by the application</p> <p>1. The area covered by the application excludes any land and waters covered by past or present freehold title or by previous valid exclusive possession acts as defined by section 23B of the Native Title Act (1993) (Cth).</p> <p>2. The area covered by the application excludes any land and waters which are:</p> <ol style="list-style-type: none"> a) a Scheduled interest; b) a freehold estate; c) a commercial lease that is neither an agricultural lease nor a pastoral lease; d) an exclusive agricultural lease or exclusive pastoral lease; e) a residential lease; f) a community purpose lease; g) a lease dissected from a mining lease and referred to in s.23B(2)(c)(vii) of the Native Title Act 1993 (Cth); h) any lease (other than a mining lease) that confers a right of exclusive possession over particular land or waters. <p>3. Subject to paragraphs 5 and 6, the area covered by the application excludes any land or waters covered by the valid construction or establishment of any public work, where the construction or establishment of the public work commenced on or before 23 December 1996.</p> <p>4. Subject to paragraphs 5 and 6, exclusive possession is not claimed over areas which are subject to valid previous non-exclusive possession acts done by the Commonwealth, State or territory.</p> <p>5. Subject to paragraph 7 below, where the act specified in paragraphs 2, 3 and 4 falls within the provisions of:</p> <ol style="list-style-type: none"> a) s.23B(9) - Exclusion of acts benefiting Aboriginal Peoples or Torres Strait Islanders; b) s.23B(9A) - Establishment of a national park or state park; c) s.23B(9B) - Acts where legislation provides for non-extinguishment; d) s.23B(9C) - Exclusion of Crown to Crown grants; and e) s.23B(10) - Exclusion by regulation <p>the area covered by the act is not excluded from the application.</p> <p>6. Where an act specified in paragraphs 2, 3 and 4 affects or affected land or waters referred to in:</p> <ol style="list-style-type: none"> a) s.47 - Pastoral leases etc covered by claimant application; b) s.47A - Reserves covered by claimant application;
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	<p>c) s.47B - Vacant Crown land covered by claimant application the area covered by the act is not excluded from the application.</p> <p>7. The area covered by the application excludes land or waters where native title rights and interests claimed have been otherwise extinguished.</p> <p>8. The area covered by the application excludes the land and waters covered by the Barkandji People's native title determination application NSD6084/1998 (Barkandji Traditional Owners #8 v Attorney General of NSW) (NC97/32).</p>
<p>Attachments</p>	<p>1. A map showing the boundaries of the area covered by the application , Attachment C of the Application, 1 page - A3, Attached 14/03/2012.</p> <p>2. Description of the area covered by the application, Attachment B of the Application, 4 pages - A4 , Attached 14/03/2012.</p>
<p>NNTT contact details</p>	<p>Case manager: Nicole Maher</p> <p>Address: National Native Title Tribunal Level 25 25 Bligh Street SYDNEY NSW 2000</p> <p>GPO Box 9973 SYDNEY NSW 2001</p> <p>Phone: (02) 9227 4000 Freecall 1800 640 501</p> <p>Fax: (02) 9227 4030</p> <p>Web page: www.nntt.gov.au</p>



Searching the NNTT Registers in New South Wales

Search service

On request the National Native Title Tribunal will search its public registers for you. A search may assist you in finding out whether any native title applications (claims), determinations or agreements exist over a particular area of land or water.

In New South Wales native title cannot exist on privately owned land including family homes or farms.

What information can a search provide?

A search can confirm whether any applications, agreements or determinations are registered in a local government area. Relevant information, including register extracts and application summaries, will be provided.

In NSW because we cannot search the registers in relation to individual parcels of land we search by local government area.

Most native title applications do not identify each parcel of land claimed. They have an external boundary and then identify the areas not claimed within the boundary by reference to types of land tenure e.g., freehold, agricultural leasehold, public works.

What if the search shows no current applications?

If there is no application covering the local government area this only indicates that at the time of the search either the Federal Court had not received any claims in relation to the local government area or the Tribunal had not yet been notified of any new native title claims.

It does not mean that native title does not exist in the area.

Native title may exist over an area of land or waters whether or not a claim for native title has been made.

Where the information is found

The information you are seeking is held in three registers and on an applications database.

National Native Title Register

The National Native Title Register contains determinations of native title by the High Court, Federal Court and other courts.

Register of Native Title Claims

The Register of Native Title Claims contains applications for native title that have passed a registration test.

Registered claims attract rights, including the right to negotiate about some types of proposed developments.

Register of Indigenous Land Use Agreements

The Register of Indigenous Land Use Agreements contains agreements made with people who hold or assert native title in an area.

The register identifies development activities that have been agreed by the parties.

Application summaries

An application summary contains a description of the location, content and status of a native title claim.

This information may be different to the information on the Register of Native Title Claims, e.g., because an amendment has not yet been tested.

How do you request a search?

A search request form is available on the Tribunal's web site at:
<http://www.nntt.gov.au/registers/search.html>
 Mail, fax or email your request to the Tribunal's Sydney registry, identifying the local government area/s you want searched.

Email: SydneySearch@nntt.gov.au
Fax: (02) 9227 4030
Address: GPO Box 9973, Sydney NSW 2001
Phone: (02) 9227 4000

Application Summary Attachment:
NSD415/2012 (NC12/1),
External boundary description
Attachment B of the Application
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External boundary description

The application area covers all the land and waters within the external boundary described as:

Commencing at the southernmost point of the application at the intersection of the centrelines of the Roto Road reserve and the Lachlan River at Hillston and extending generally north westerly along the centreline of that road reserve to Mossgiel Trunk Road; then generally westerly along the centreline of that road reserve to the Cobb Highway; then generally north westerly along the centreline of that road reserve to the Ivanhoe – Menindee Road; then generally westerly along the centreline of that road reserve to the eastern boundary of native title determination application NSD6084/98 Barkandji Traditional Owners 8 (NC97/32) at Longitude 144.206842° East; then continuing along the boundaries of that native title determination application, also described as:

From the centreline of the Ivanhoe – Menindee Road reserve at Longitude 144.206842° East; and extending northerly to the western boundary of Lot 4594 on DP767758 at Latitude 32.301343° South; then generally northerly along the western boundaries of that lot to the easternmost corner of Lot 776 on DP762100; then north westerly along the boundaries of that lot to the easternmost corner of Lot 775 on DP762082; then continuing north westerly and south westerly along the boundaries of that lot to the southernmost corner of Lot 774 on DP762102; then south westerly, north westerly, north easterly and south easterly along the boundaries of that lot to the southernmost corner of Lot 1979 on DP763987; then generally north easterly and north westerly along the boundaries of that lot to the westernmost corner of Lot 4595 on DP767759; then generally north easterly along the north western boundaries of that lot and Lot 1130 on DP762534 to the easternmost corner of Lot 939 on DP762071; then north westerly along the boundary of that lot to the southern boundary of the Barrier Highway road reserve; then north easterly and generally easterly along the southern boundaries of that road reserve to Longitude 144.803043° East; then generally north easterly through Longitude 144.804560° East, Latitude 31.576881° South to a point on the western boundary of Lot 1282 on DP762978 at Latitude 31.429323° South; then north westerly to the westernmost corner of that lot; then generally north easterly along the north western

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Application Summary Attachment:

NSD415/2012 (NC12/1),
External boundary description
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boundaries of that lot, Lot 1283 on DP762979 and Lot 4176 on DP766743 to the easternmost corner of Lot 5412 on DP768323, being the point at where it leaves the boundary of native title determination application NSD6084/98 Barkandji Traditional Owners 8 (NC97/32).

Then continuing generally north easterly along the north western boundaries of Lot 4176 on DP766743, Lot 4177 on DP766744, Lot 4857 on DP769170 and onwards across Louth Road to the western boundary of Lot 2 on DP803696; then generally northerly along the south western boundary of that lot, south western and north western boundaries of Lot 964 on DP762132, south western boundary of Lot 3610 on DP765962, south western and north western boundaries of Lot 3609 on DP765961, western boundary of Lot 933 on DP762220, south western and north western boundaries of Lot 625 on DP761643 to its northernmost corner; then continuing north easterly across Gunderbooka Kings Cross Road to the western boundary of Lot 1394 on DP763061; then generally northerly along the western and northern boundaries of that lot to the western most corner of Gundabooka National Park; then generally north easterly along the northern boundaries of that national park to the northernmost boundary of Lot 3147 on DP765352; then north easterly along the boundary of that lot to the western boundary of Lot 2250 on DP764515; then north westerly and easterly along the boundaries of that lot and onwards to the centreline of the Kidman Way road reserve; then generally northerly along the centreline of that road reserve to the prolongation westerly of the southern boundary of Lot 4678 on DP767842; then easterly to and along the southern boundary of that lot and Lot 263 on DP760955; then generally northerly along the eastern boundaries of that lot to the eastern boundary of an unnamed road reserve located between Lot 4291 on DP767038 and Lot 61 on DP751841; then northerly to centreline of that unnamed road reserve; then generally north easterly along the centreline of that road reserve to the western boundary of the Mitchell Highway; then continuing north easterly across that highway to the westernmost corner of Lot 52 on DP751841; then generally north easterly along the western boundary of that lot, eastern boundary of Lot 4133 on DP766638, western boundaries of Lot 40 on DP751867, Lot 42 on DP751867, Lot 6830 on DP43320 and Lot 6829 on DP43320 to the Kamilaroi Highway; then continuing north easterly across that highway to the centreline of an unnamed road reserve located parallel to the western boundary of Lot 39 on DP751867; then generally northerly along that road reserve to the prolongation southerly of the easternmost boundary of Lot 59 on DP751867, then generally northerly to and along the eastern boundary of that lot and the eastern

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Application Summary Attachment:

NSD415/2012 (NC12/1),
 External boundary description
 Attachment B of the Application
 Page 3 of 4, A4, 14/03/2012

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boundary of Lot 4357 on DP767194 to the Darling River and onwards to its centreline; then generally northerly, generally easterly and generally south easterly along the centreline of that river, the Barwon River, the Macquarie River and the Castlereagh River to the centreline of the Newell Highway at Gilgandra; then north westerly along the centreline of that highway road reserve to the Oxley Highway; then north easterly and generally westerly along the centreline of that highway road reserve to Nancarrow Road; then generally southerly along the centreline of that road reserve to Boothaguy Creek; then generally westerly along the centreline of that creek to again the Oxley Highway; then generally south westerly along the centreline of that highway road reserve to the Gunningbar Creek; then generally north westerly along the centreline of that creek to the Albert Priest Channel; then generally westerly along the centreline of that channel to an unnamed road reserve which bisects Lot 2 on DP232612; then generally south westerly along the centreline of that road reserve to the Mitchell Highway at Mullengudgerly; then generally north westerly along the centreline of that highway road reserve to the Bogan River at Nyngan; then generally southerly along the centreline of that river to Bulbodney Creek; then generally southerly along the centreline of that creek to Tigers Creek; then generally south westerly along the centreline of that creek to Yarra Yarra Creek; then generally south westerly along the centreline of that creek to Longitude 146.921830° East, then westerly to an unnamed watercourse at approximately Longitude 146.911275° East, Latitude 32.558960° South; then generally westerly along the centreline of that watercourse to Fiveways Road; then westerly approximately 500 metres to an unnamed watercourse at Latitude 32.557767° South; then generally south westerly along the centreline of that unnamed watercourse to Tinda Creek; then generally southerly along the centreline of that creek to Morumbil Swamp; then generally south westerly along the centreline of that swamp, Crowie Creek, Booberoi Creek and the Lachlan River back to the commencement point.

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Application Summary Attachment:

NSD415/2012 (NC12/1),
External boundary description
Attachment B of the Application
Page 4 of 4, A4, 14/03/2012

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Data Reference and source

- Application boundary data compiled by National Native Title Tribunal based on data provided by NTSCORP.
- Native title determination application NSD6084/98 Barkandji Traditional Owners 8 (NC97/32) as accepted for registration on 2 November 2006.
- Cadastre data sourced from Public Sector Mapping Agency (November 2010).
- Roads based on casement data sourced from LPM Authority, NSW.
- Rivers / Creeks based on casement data, 1:100,000 topographic data which is © Commonwealth of Australia and is supplied by Geoimage Pty Ltd under licence from Geoscience Australia and information supplied by NTSCORP (based on 2007 LPI topographic data).

Reference datum

Geographical coordinates have been provided by the NNTT Geospatial Services and are referenced to the Geocentric Datum of Australia 1994 (GDA94), in decimal degrees and are based on the spatial reference data acquired from the various custodians at the time.

Use of Coordinates

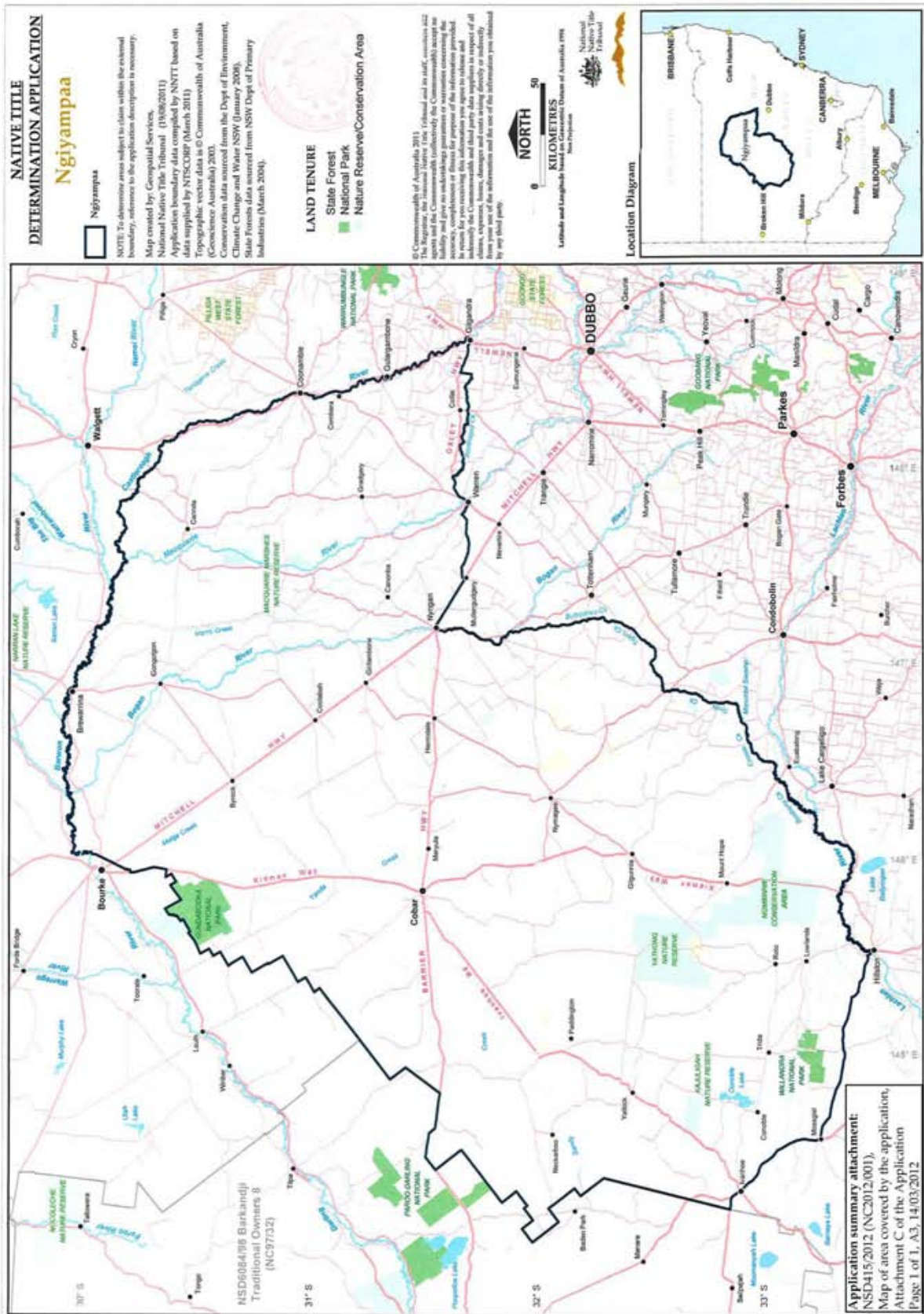
Where coordinates are used within the description to represent cadastral or topographical boundaries or the intersection with such, they are intended as a guide only. As an outcome to the custodians of cadastral and topographic data continuously recalculating the geographic position of their data based on improved survey and data maintenance procedures, it is not possible to accurately define such a position other than by detailed ground survey.

Prepared by Geospatial Services, National Native Title Tribunal (19 August 2011)

P:\GEO_INFO\Products\NSW\NTDA\Proposed\Ngilyampaa\Mapping\GT2011_0425 Map & Description\20110819_Prop_Ngilyampaa_Description.doc

Attachment C – Map of the Area covered by the application







11-13 Mansfield Street
Glebe NSW 2037
PO Box 112, Glebe NSW 2037
☎ 02 9562 6327 ☎ 02 9562 6350

Gerard Niemoeller
On Site Cultural Heritage Management
PO Box 574
NAROOMA NSW 2546

Dear Gerard

Re: Request - Search for Registered Aboriginal Owners

I refer to your letter dated 19th March 2012 regarding an Aboriginal Stakeholders within Girilambone area, NSW.

I have searched the Register of Aboriginal Owners and the project area described does not have Registered Aboriginal Owners pursuant to Division 3 of the *Aboriginal Land Rights Act 1983 (NSW)*.

I suggest you contact the Nyngan Local Aboriginal Land Council. They may also be able to assist you in identifying other Aboriginal stakeholders for this project.

Yours sincerely

Tabatha Dantoine
Administration Officer
Office of the Registrar, *Aboriginal Land Rights Act (1983)*

23 March 2012



PO Box 574 NAROOMA NSW 2546
gerard@onsitechm.com.au
ABN: 43 329 728 630
Ph: 0414441896
www.onsitechm.com.au

Our Ref: A015

4 April 2012

Registering Interest for an Aboriginal Cultural Heritage Assessment and Aboriginal Heritage Impact Permit application – Girilambone Avoca Tank Project, Bogan Shire Council NSW 2831

I am writing to you in accordance with Section 4.1.3 of the ***Aboriginal cultural heritage consultation requirements for proponents***.

Tritton Resources Limited Pty is in the early stages of exploration of a newly identified resource to the north of its Girilambone Copper Mine, currently referred to as the Avoca Tank Project. The Avoca Tank Project area covers approximately 8.7km² across part of Lots 10, 135 and 144 (DP 751315) on the Coolabah 8235 1:100,000 map sheet. The project area is approximately 4 kilometres northwest of the town of Girilambone NSW 2831 along the Mitchell Highway within the Bogan Shire. A map showing the location of the subject area is attached.

On Site Cultural Heritage Management has been engaged to conduct an Aboriginal Cultural Heritage Assessment of the subject land. The assessment may result in an application for an Aboriginal Heritage Impact Permit (AHIP) pursuant to the *NSW National Parks and Wildlife Act*.

Purpose of this letter

The preparation of an AHIP requires the proponent to establish a ***Register of Interest*** for the project and undertake community consultation as outlined in the Office of Environment and Heritage (formerly DECCW) ***Aboriginal cultural heritage consultation requirements for proponents***. These requirements set out and establish a 4 stage consultation process.

Your details were provided to me in response to correspondence to those organisations listed in Section 4.1.2 of the consultation requirements. I am now writing to you in accordance with Section 4.1.3 of those requirements. A list of organisations and individuals corresponded with as part of this process is also attached for your information.

More specifically the proponent has engaged the services of ***On Site Cultural Heritage Management*** to:

- undertake the community consultation process as per the *Aboriginal cultural heritage consultation requirements for proponents*
- undertake an Aboriginal Cultural Heritage Assessment of the Avoca Tank Project and
- prepare Aboriginal Heritage Impact Permit applications (if required)

The purpose of establishing the Register of Interest is to formally identify and undertake community consultation with Aboriginal people who hold cultural knowledge relevant to determining the significance of the Avoca Tank project area or Aboriginal objects within the subject land (Lots 10, 135 and 144 (DP 751315) on the Coolabah 8235 1:100,000 map sheet and within the Bogan Shire).

The purpose of Aboriginal community consultation is to assist the proponent in the preparation of an application for an Aboriginal Heritage Impact Permit (AHIP) and to assist the Director General of the Office of Environment and Heritage in his or her consideration and determination of that application.

Should you decide to register your interest you will be provided with further information consisting of a proposed methodology for the project (in accordance with Stage 2 of the consultation requirements) and a list of questions to assist in understanding whether cultural values occur within the project area (to assist with Stage 3).

I am also required to inform you that should you decide to register your interest your details will be forwarded to Office of Environment and Heritage, Dubbo and the Nyngan Local Aboriginal Land Council unless you specify that you do not want your details released.

If you hold cultural knowledge relevant to determining the cultural significance of the Aboriginal objects located within the Avoca Tank project area or Aboriginal objects within the subject land (Lots 10, 135 and 144 (DP 751315) on the Coolabah 8235 1:100,000 map sheet and within the Bogan Shire) then I invite you to register your interest for this project. You can register your interest by writing a letter, email or telephoning me by 19 April 2012. My contact details are provided above. If you are registering your organisation then please provide the name and details of a nominated contact person.

Please note that any registrations of interest received after 19 April 2012 will not be included on the register. A notice inviting registrations of interest and participation in the community consultation process also appeared in the Public Notices of the Nyngan Observer on Wednesday 4 April 2012.

Please contact me should you require any further information or wish to discuss this proposal.

Regards

Gerard Niemoeller
Principal Heritage Consultant

List of Aboriginal organisations / individuals identified during Stage 4.1.2 of Aboriginal cultural heritage consultation requirements for proponents and invited to register to interest as part of this assessment

Aboriginal Organisation / Individual Name	Address	Contact Details
Bogan Aboriginal Corporation CEO Lesly Ryan	46 Nymagee St NYNGAN NSW 2825	boganac@netxp.com.au Ph: (02) 6832 1750 M: 0419418851
Nyngan Local Aboriginal Land Council / Vaneta Dutton CEO	PO Box 43 NYNGAN NSW 2825	nynganlalc@bigpond.com
Mr John Shipp	79 Thompson Street DUBBO NSW 2830	
NTS Corp Ltd on behalf of Native Title application for the Ngemba/Ngiyampaa People (Federal Court number: NSD415/12, NNTT number: NC12/1) and Native Title applicants: Mrs Elaine Ohlsen Mr Peter Williams Mr Brett Smith Ms Danielle Flakeler-Carney Mr Neville Merritt Mr Edward Shipp Mr John Shipp Ms Grace Gordon Mr Jason Ford (identified by National Native Title Tribunal)	NTSCORP Ltd Unit 1a Suite 2.02, 44-70 Rosehill Street REDFERN NSW 2016	Phone: (02) 9310 3188 Fax: (02) 9310 4177 tlawrence@ntscorp.com.au

Aboriginal Cultural Heritage Assessment

Tritton Resources Limited Pty proposes to undertake mineral exploration within part of Lots 10, 135 and 144 (DP 751315) on the Coolabah 8235 1:100,000 map sheet. The project area is approximately 4 kilometres northwest of the town of Girilambone NSW 2831 along the Mitchell Highway within the Bogan Shire.

Pursuant to Aboriginal cultural heritage consultation requirements for proponents and National Parks & Wildlife Act 1974, Aboriginal people holding cultural knowledge relevant to determining the significance of the subject land or Aboriginal objects within are invited to register interest and participate in a community consultation process.

The purpose of this consultation is to assist the proponent undertake an Aboriginal cultural heritage assessment, prepare an Aboriginal Heritage Impact Permit application if required and assist the Director General of OEH consider and make a determination of the application. Please register your interest by 19 April 2012.

Gerard Niemoeller

On Site Cultural Heritage Management

PO Box 574 NAROOMA NSW 2546

gerard@onsitechm.com.au

Ph: 0414 441 896



Pty Ltd

PO Box 574 NAROOMA NSW 2546

gerard@onsitechm.com.au

Ph: 0414441896

www.onsitechm.com.au

ABN: 48 089 066 744

Our Ref: A015

24 April 2012

ABORIGINAL CULTURAL HERITAGE ASSESSMENT - Methodology and Significance

Avoca Tank Project (Tritton Resources) Girilambone, Bogan Shire NSW 2831

REGISTERED ABORIGINAL PARTIES: Bogan Aboriginal Corporation - Lesly Ryan, CEO
Nyngan Local Aboriginal Land Council - Vaneta Dutton CEO
Marra Wallan Pty Ltd – John Shipp, CEO
Native Title Services for Ngemba/Ngiyampaa Claimants

1.0 INTRODUCTION

This document is provided to the 'Registered Aboriginal Parties' in accordance with the Stage 2 and Stage 3 (sections 4.2 and 4.3) of the ***Aboriginal cultural heritage consultation requirements for proponents 2010*** and to present information about the proposed project currently subject to an Aboriginal Cultural Heritage Assessment. The purpose of the community consultation outlined in these requirements is to:

- consult with Aboriginal people who hold cultural knowledge relevant to determining the significance of the subject place and Aboriginal objects that may be within.
- assist the proponent prepare an Aboriginal Heritage Impact Assessment and Permit application (if required)
- assist the Director General of the Office of Environment and Heritage consider and make a determination of that application.

This document is provided to those persons and organisations who registered their interest in response to correspondence of 4 April 2012 and in accordance with Stage 1 (Section 4.1.3). The names of those persons and organisations who registered their interest are listed above. Contact details of all the Aboriginal parties who registered their interest is also attached to this document.

1.1 The Project

Tritton Resources Limited Pty is in the early stages of exploration of a newly identified resource to the north of its Girilambone Copper Mine, currently referred to as the Avoca Tank Project. The Avoca Tank Project area covers approximately 8.7km² across part of Lots 10, 135 and 144 (DP 751315) on the Coolabah 8235 1:100,000 map sheet. The project area is approximately 4 kilometres northwest of the town of Girilambone NSW 2831 along the Mitchell Highway within the Bogan Shire. A map showing the location of the subject area is attached.

On Site Cultural Heritage Management has been engaged by Tritton Resources to undertake the community consultation process as per the *Aboriginal cultural heritage consultation requirements for proponents* and conduct an Aboriginal Cultural Heritage Assessment of the subject land. The assessment may result in an application for an Aboriginal Heritage Impact Permit (AHIP) pursuant to the *NSW National Parks and Wildlife Act*.

2.0 CONSULTING WITH ABORIGINAL PEOPLE ABOUT THE SIGNIFICANCE OF THE PROJECT AREA

Stage 3 (Section 4.3) of the *Aboriginal cultural heritage consultation requirements for proponents 2010* requires the proponent to seek information about the cultural significance of the project area land and the Aboriginal objects or places that may be within. This purpose of this stage is also to facilitate a process whereby the registered Aboriginal parties can:

- a) contribute to culturally appropriate information gathering and the research methodology
- b) provide information that will enable the cultural significance of Aboriginal objects and/or places on the proposed project area to be determined
- c) have input into the development of any cultural heritage management options.

A list of questions about the proposed project and assessment is provided below. These questions are only suggestions and you may provide any additional information you feel is necessary to inform the proponent and OEH about the Aboriginal cultural significance or values of the project area.

1. Are there any objects or places of cultural value in the project area or in the immediate proximity? If so how will the proposed development affect those values?
2. Do you have any cultural concerns or perspectives about this project or assessment?
3. Do you think there is the potential for burials to occur at the site? If so why?
4. Are there any particular research questions you would like to see answered through the archaeological assessment process?

5. **Have you got any views about the management of the lands within the Avoca Tank Project Area that may not be impacted?**
6. **Is any of the information you have provided culturally sensitive and is it OK to print your views in a report?**

3.0 METHODOLOGY FOR THIS ABORIGINAL CULTURAL HERITAGE ASSESSMENT

The methodology for the current assessment is proposed to include:

- Consultation with the Aboriginal Community to: identify Aboriginal traditional owners, elders and custodians who can speak about this place (*Stage 1 - completed*); ascertain their views about the cultural significance of the Aboriginal objects; identify whether there are particular research themes or questions of interest that could be incorporated into any research design or addressed through archaeological assessment (*Stage 2 and 3 – this document*)
- An AHIMS database search to identify previously recorded sites within or within proximity to the study area. *An AHIMS database search has identified that there are 4 previously recorded Aboriginal sites within the identified area. All of these places are recorded as being earth mounds and or hearths.*
- Review of AHIMS Site cards to provide a archaeological context for the assessment of the study area
- Review of other relevant heritage registers (such as the Register of the National Estate, NSW State Heritage Register, Bogan Local Heritage Register). *A search of these databases has not identified any historic places or objects within the Avoca Tank Project Area.*
- Review relevant cultural heritage and archaeological reports to provide a regional and local context for the assessment of this Aboriginal place and associated objects
- Conduct a site assessment to record and document information about the site and Aboriginal objects relevant to determining and assessing the cultural heritage significance. *An attempt to relocate AHIMS sites discussed above will be made as part of the survey.*
- Preparation of a report documenting the results of the above processes, assessment of the places significance and the formulation of appropriate heritage management strategies
- Preparation of an Aboriginal Heritage Impact Permit application (if required)

This assessment is being conducted in accordance with relevant DECCW policy and regulations and specifically:

- *Aboriginal cultural heritage consultation requirements for proponents 2010*
- *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales*

- *Supporting Information Requirements for AHIP Applications*

This assessment has also considered relevant OEH internal policy and specifically:

- *Operational Policy: Protecting Aboriginal Cultural Heritage*
- *Guide to Determining and Issuing Aboriginal Heritage Impact Permits*

4.0 WHERE TO FROM HERE?

Registered Aboriginal parties have 28 days to review this document and provide information about the assessment methodology and significance of the project area. Your views and any written submissions you make and will be incorporated into the assessment and report and provided to OEH.

If you would like to review this document and provide further comment please do so by Wednesday 23 May 2012.

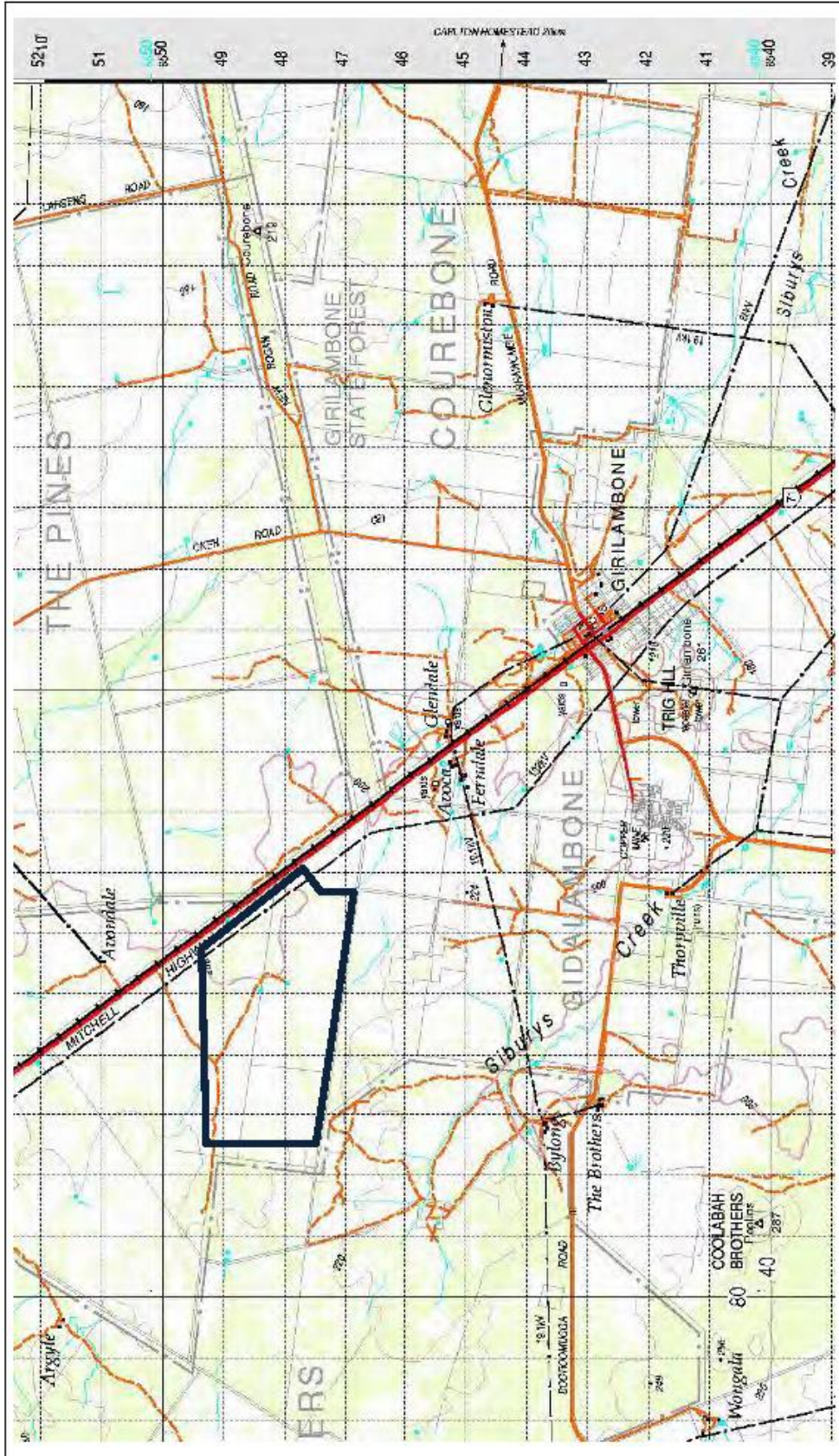
Registered Aboriginal parties will also have a further 28 days to review the final Aboriginal Cultural Heritage Assessment report.

Please contact On Site Cultural Heritage Management should you require any further information or wish to discuss this proposal.

List of Aboriginal organisations / individuals identified during Stage 4.1.2 of Aboriginal cultural heritage consultation requirements for proponents and invited to register to interest as part of this assessment

Aboriginal Organisation / Individual Name	Address	Contact Details
Bogan Aboriginal Corporation CEO Lesly Ryan	46 Nymagee St NYNGAN NSW 2825	boganac@netxp.com.au Ph: (02) 6832 1750 M: 0419418851
Nyngan Local Aboriginal Land Council / Vaneta Dutton CEO	PO Box 43 NYNGAN NSW 2825	nynganlalc@bigpond.com
Marra Wallan Pty Ltd Mr John Shipp CEO	PO BOX 6088 Dubbo NSW 2830	John@marrawallan.com.au john.shipp@bigpond.com
NTS Corp Ltd on behalf of Native Title application for the Ngemba/Ngiyampaa People (Federal Court number: NSD415/12, NNTT number: NC12/1) and Native Title applicants: Mrs Elaine Ohlsen Mr Peter Williams Mr Brett Smith Ms Danielle Flakeler-Carney Mr Neville Merritt Mr Edward Shipp Mr John Shipp Ms Grace Gordon Mr Jason Ford (identified by National Native Title Tribunal)	NTSCORP Ltd Unit 1a Suite 2.02, 44-70 Rosehill Street REDFERN NSW 2016	Phone: (02) 9310 3188 Fax: (02) 9310 4177 tlawrence@ntscorp.com.au

Figure 1: Avoca Tank project area (8.7km²) shown in thick blue lines across part of Lots 10, 135 and 144 (DP 751315) on the Coolabah 8235 1:100,000 map sheet



APPENDIX 2



Pty Ltd

PO Box 574 NAROOMA NSW 2546

gerard@onsitechm.com.au

ABN: 48 089 066 744

Ph: 0414441896

www.onsitechm.com.au

Our Ref: A018

12 September 2012

Establishing a Register of Interest for an Aboriginal Cultural Heritage Assessment and Aboriginal Heritage Impact Permit application – Avoca Tank Project (Stage 2) Girilambone NSW 2831

I am writing to you in accordance with Section 4.1.2 of the ***Aboriginal cultural heritage consultation requirements for proponents*** and specifically to initiate Stage 1 of the Aboriginal consultation process.

Tritton Resources Limited Pty is in the early stage of exploring a newly identified resource to the north of its Girilambone Copper Mine, currently referred to as the Avoca Tank Project. The Avoca Tank Project land is divided into two stages and situated across 18.62km². The land is located approximately 4 kilometres north west of Girilambone NSW 2831 along the Mitchell Highway.

The Avoca Tank **Stage 1** project land covers approximately 8.7km² across part of Lots 10, 135 and 144 (DP 751315) on the Coolabah 8235 1:100,000 map sheet. The Stage 1 land was the subject of a previous Aboriginal Cultural Heritage Assessment by On Site Cultural Heritage Management between April and August (2012).

On Site Cultural Heritage Management has now been contracted to conduct an Aboriginal Cultural Heritage Assessment of the adjoining Avoca Tank **Stage 2** project land. The assessment may result in an application for an Aboriginal Heritage Impact Permit (AHIP) pursuant to the *NSW National Parks and Wildlife Act*. A map showing the location of the Avoca Tank project area (Stages 1 and 2) is attached.

In accordance with Section 4.1.2, Stage 1 of the *Aboriginal cultural heritage consultation requirements for proponents*, I am writing to you to identify Aboriginal persons who may hold cultural knowledge relevant to determining the significance of Aboriginal objects that may be located within the project area.

Could you please conduct relevant database or register searches and provide the names of Aboriginal people you consider may be affected by this proposal. The names of Aboriginal persons you provide will be invited to register an interest in the project and participate in the consultation process.

Your assistance in this process would be much appreciated and ensure that the proponent and OEH consider the views of Aboriginal people affected by this proposal.

Could you please forward the names of those Aboriginal persons you consider may be affected by this proposal to me by Thursday 27 September 2012.

Please note that this correspondence has been sent to the following organisations in accordance with Section 4.1.2 of the consultation requirements:

- a) Office of Environment and Heritage EPRG regional office, North West Dubbo
- b) Nyngan Local Aboriginal Land Council
- c) the Registrar, *Aboriginal Land Rights Act 1983* for a list of Aboriginal owners
- d) the National Native Title Tribunal for a list of registered native title claimants, native title holders and registered Indigenous Land Use Agreements
- e) Native Title Services Corporation Limited (NTSCORP Limited)
- f) Bogan Shire Council, Nyngan
- g) Central West Catchment Management Authority, Nyngan for contact details of any established Aboriginal reference group

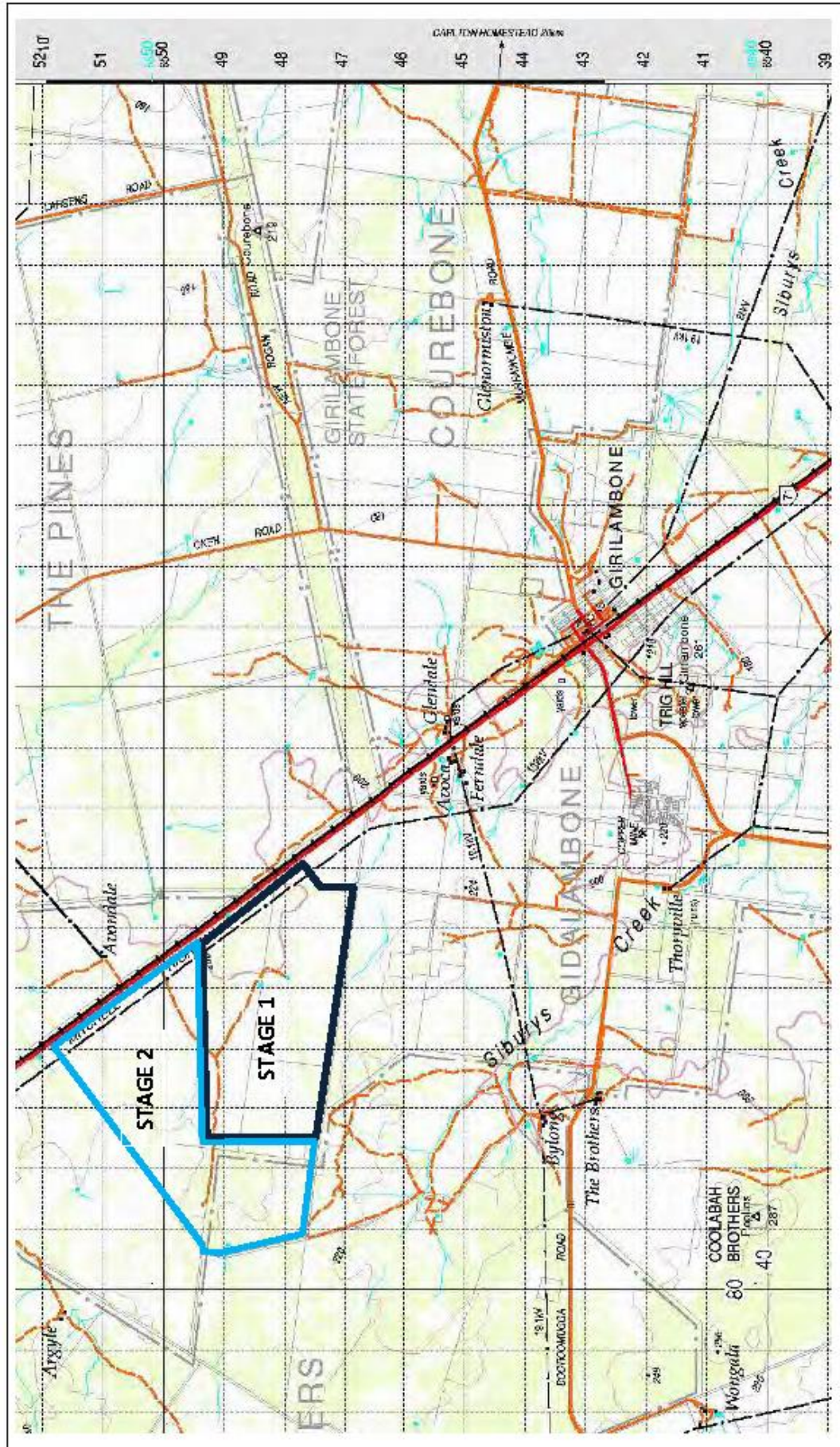
Please contact me should you require any further information or wish to discuss this proposal.

Regards



Gerard Niemoeller
Principal Heritage Consultant

Figure 1: Avoca Tank project area (Stage 2) shown in light blue polygon (9.90 km²), part of Lot 3 (DP 751342), Lots 10 and 135 (DP 751315) on the Coolabah 8235 1:100,000 map sheet. The adjoining Stage 1 area (8.72km²) across part of Lots 10, 135 and 144 (DP 751315) is shown in the dark blue polygon and was the subject of a previous Aboriginal Cultural Heritage Assessment by On Site CHIM (2012).





Your reference Proposed Girilambone Avoca Tank
Project Stage 2, Girilambone NSW
Our reference DOC12/38580
Contact Paul Houston 68835361

Onsite Cultural Heritage Management
PO Box 574
NAROOMA NSW 2546
Att: Gerard Niemoeller

13th September 2012

Dear Gerard,

**WRITTEN NOTIFICATION AS REQUIRED UNDER OFFICE OF ENVIRONMENT AND
HERITAGE (OEH) ABORIGINAL CULTURAL HERITAGE REQUIREMENT FOR
PROPOSERS 2010 – Proposed Girilambone Avoca Tank Project Stage 2, Girilambone NSW**

I refer to your letter dated 12th September 2012 to the Office of Environment and Heritage (OEH) regarding the above matter.

A list of known Aboriginal parties that OEH feels is likely to have an interest in this development is attached as Attachment 1 (overleaf). Please note this list is not necessarily an exhaustive list of all interested Aboriginal parties and receipt of this list does not remove the requirement of a proponent/consultant to advertise in local print media and contact other bodies seeking interested Aboriginal parties, in accordance with the requirements.

If you wish to discuss any of the above matters further please contact me, at your earliest convenience, on (02) 6883 5361.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Paul Houston'.

Paul Houston
Aboriginal Heritage Planning Officer
OEH

The Department of Environment Climate Change and Water is now known as
The Office of Environment and Heritage.

PO Box 2111, Dubbo NSW 2830
48-52 Wingewarra St Dubbo NSW
Tel: (02) 6883 5330 Fax: (02) 6884 9382
www.environment.nsw.gov.au

ATTACHMENT 1

OEHS LIST OF ABORIGINAL STAKEHOLDER GROUPS WITHIN THE BOGAN LGA - THAT MAY HAVE AN INTEREST IN THE PROJECT; PROVIDED AS PER THE "OEHS ABORIGINAL CULTURAL HERITAGE REQUIREMENT FOR PROPONENTS 2010".

Organisation/Affiliation	Name/Title	Address
Bogan Aboriginal Corporation		PO Box 345 NYNGAN NSW 2825
John Shipp		79 Thompson Street Dubbo
NYNGAN LALC	Chairperson	PO Box 43 NYNGAN NSW 2825
Trevor Robinson		Po Box 73, Peak Hill NSW 2869
Wiradjuri Interim Working Party		Po Box 73, Peak Hill NSW 2869

The Department of Environment Climate Change and Water is now known as
The Office of Environment and Heritage.

PO Box 2111, Dubbo NSW 2830
48-52 Wingewarra St Dubbo NSW
Tel: (02) 6883 5330 Fax: (02) 6884 9382
www.environment.nsw.gov.au

From: [Nyngan LALC](#)
To: gerard@onsitechm.com.au
Subject: Site work for Avoca tanks
Date: Wednesday, 19 September 2012 1:13:21 PM

Hi Gerard

As previous Sheila Couley Nyngan LALC & Lesly Ryan Bogan Aboriginal Corporation would be the people to contact for site work
Kind Regards

Veneta Dutton
Chief Executive Officer

NYNGAN Local Aboriginal Land Council
PO BOX 43
102 Pangee Street.
Nyngan, NSW, 2825

p: 02 68 322 639
f: 02 68 322878
PO BOX 43 Nyngan NSW
nynganlalc@bigpond.com

This message (which includes any attachments) is intended only for the addressee and may contain privileged or confidential information. If you are not the intended recipient you must not use, disclose, copy or distribute this communication. If you have received this message in error please delete the email and any attachments and notify the sender as soon as possible. There is no warranty that this email is error or virus free. If this is a private communication it does not represent the views of the NSW Aboriginal Land Council.



13 September 2012

Gerard Niemoeller
Principal Heritage Consultant
Onsite Cultural Heritage Management
PO Box 574
Narooma NSW 2546

Sydney Office, Operations East

Level 16, Law Courts Building,
Queens Square
Sydney NSW 2000
GPO Box 9973
Sydney NSW 2000
Telephone (02) 9227 4000
Facsimile (02) 9227 4030

Our Reference: 5118/12jd

Your Reference: A018

Dear Mr Niemoeller

Native Title Search Results of town of Girilambone

Thank you for your search request of 12 September 2012 in relation to the above area.

Search Results

The results provided are based on the information you supplied and are derived from a search of the following Tribunal databases:

Register Type	NNTT Reference Numbers
Schedule of Applications (unregistered claimant applications)	Nil.
Register of Native Title Claims	NC12/1
National Native Title Register	Nil.
Register of Indigenous Land Use Agreements	Nil.
Notified Indigenous Land Use Agreements	Nil.

I have included a register extract, map attachment and a NNTT Registers fact sheet to help you understand the search result.

Please note that there may be a delay between a native title determination application being lodged in the Federal Court and its transfer to the Tribunal. As a result, some native title determination applications recently filed in the Federal Court may not appear on the Tribunal's databases.

The search results are based on analysis against external boundaries of applications only. Native title applications commonly contain exclusions clauses which remove areas from within the

Resolution of native title issues over land and waters.

Freecall 1800 640 501
www.nntt.gov.au

external boundary. To determine whether the areas described are in fact subject to claim, you need to refer to "Area covered by claim" section of the relevant Register Extract or Application Summary and any maps attached.

Search results and the existence of native title

Please note that the enclosed information from the Register of Native Title Claims and/or the Schedule of Applications is **not** confirmation of the existence of native title in this area. This cannot be confirmed until the Federal Court makes a determination that native title does or does not exist in relation to the area. Such determinations are registered on the National Native Title Register.

Tribunal accepts no liability for reliance placed on enclosed information

The enclosed information has been provided in good faith. Use of this information is at your sole risk. The National Native Title Tribunal makes no representative, either express or implied, as to the accuracy or suitability of the information enclosed for any particular purpose and accepts no liability for use of the information or reliance placed on it.

If you have any further queries, please contact me on 1800 640 501.

Yours sincerely



Jessica Di Blasio | EXECUTIVE ASSISTANT/CLIENT SERVICES OFFICER

National Native Title Tribunal | Sydney office, Operations East

Level 16, Law Courts Building, Queens Square, Sydney, New South Wales 2000

Telephone (02) 9227 4000 | Facsimile (02) 9227 4030 | Email jessica.diblasio@nntt.gov.au

Freecall 1800 640 501 | www.nntt.gov.au

Facilitating timely and effective outcomes.



NATIONAL NATIVE TITLE TRIBUNAL

Application Information and Extract from the Register of Native Title Claims

Application Information

Application numbers:	Federal Court number: NSD415/12 NNTT number: NC12/1
Application name:	Ngemba, Ngyanpa, Wangaypwan and Wuyilwan native title determination application
Registration history:	Registered from 12/04/2012.

Register Extract (pursuant to s.186 of the *Native Title Act 1993*)

Application filed with:	Federal Court of Australia
Date application filed:	14/03/2012
Date claim entered on Register:	12/04/2012
Applicants:	Mrs Elaine Ohlsen, Mr Peter Williams, Mr Brent Smith, Ms Danielle Hakeler-Camey, Mr Neville Merritt, Mr Edward Shipp, Mr John Shipp, Ms Grace Gordon, Mr Jason Ford
Address for service:	NISCORP Ltd Unit 1a Suite 2.02, 44-70 Roschill Street REDFERN NSW 2016 Phone: (02) 9310 3188 Fax: (02) 9310 4177

Additional Information:

Not Applicable

Area covered by the claim:

(X) Area covered by application

The area covered by the application ("the Application Area") comprises all of the land and waters within the external boundaries described in Attachment B and depicted in the map at Attachment C.

The Application Area description and map have been prepared with the assistance of the Geo Spatial Unit of the National Native Title Tribunal. The area covered by this application does not include the areas described at point B below.

(B) Areas within the external boundaries not covered by the application

1. The area covered by the application excludes any land and waters covered by past or present freehold title or by previous valid exclusive possession acts as defined by section 23B of the Native Title Act (1993) (Cth).

2. The area covered by the application excludes any land and waters which are:

- a) a Scheduled interest;
- b) a freehold estate;
- c) a commercial lease that is neither an agricultural lease nor a pastoral lease;
- d) an exclusive agricultural lease or exclusive pastoral lease;
- e) a residential lease;
- f) a community purpose lease;
- g) a lease dissected from a mining lease and referred to in s.23B(2)(c)(vii) of the Native Title Act 1993 (Cth);
- h) any lease (other than a mining lease) that confers a right of exclusive possession over particular land or waters.

3. Subject to paragraphs 5 and 6, the area covered by the application excludes any land or waters covered by the valid construction or establishment of any public work, where the construction or establishment of the public work commenced on or before 23 December 1996.

4. Subject to paragraphs 5 and 6, exclusive possession is not claimed over areas which are subject to valid previous non-exclusive possession acts done by the Commonwealth, State or territory.

5. Subject to paragraph 7 below, where the act specified in paragraphs 2, 3 and 4 falls within the provisions of:

- a) s.23B(9) - Exclusion of acts benefiting Aboriginal Peoples or Torres Strait Islanders;
 - b) s.23B(9A) - Establishment of a national park or state park;
 - c) s.23B(9B) - Acts where legislation provides for non-extinguishment;
 - d) s.23B(9C) - Exclusion of Crown to Crown grants; and
 - e) s.23B(10) - Exclusion by regulation
- the area covered by the act is not excluded from the application.

6. Where an act specified in paragraphs 2, 3 and 4 affects or affected land or waters referred to in:

- a) s.47 - Pastoral leases etc covered by claimant application;
 - b) s.47A - Reserves covered by claimant application;
 - c) s.47B - Vacant Crown land covered by claimant application
- the area covered by the act is not excluded from the application.

7. The area covered by the application excludes land or waters where native title rights and interests claimed have been otherwise extinguished.

8. The area covered by the application excludes the land and waters covered by the Barkandji People's native title determination application NSD6084/1998 (Barkandji Traditional Owners #8 v Attorney General of NSW) (NC97/32).

Persons claiming to hold native title:

The Ngemba/Ngiyampaa People are the native title claim group on whose behalf the Applicant makes this application. The native title claim group comprises all the descendents of the following apical ancestors:

Caroline Hilt (who was born on the Barwon River around 1847);
 Thomas Sullivan (who was born in Brewarrina about 1860);
 Nellie Colless (who was born in Brewarrina around 1868);
 Billy Coleman (who was born in Cobar in 1840);

Mary Ann Allen (who was born in 1844);
 Moses Biggs (who was born in 1837);
 Polly Parkes (who was born in 1846);
 Anne Brandy (who was born in Colane in 1874);
 Caroline Brandy (who was born on Duck Creek in 1869);
 Wadna Boe (who was born in 1848);
 Richard King (who was born in 1827);
 Jimmy Keewong (who was born in 1849);
 Kitty Narrangie;
 Tom Dennis (who was born in Brewarrina in 1864);
 Winnie Pierce (who was born in Brewarrina in 1878);
 Jack Dennis (who was born on the Barwon River in around 1855);
 Kate Baker (who was born in Boorooma in 1874);
 Francis "Tracker" Williams (who was born in Gundabooka in 1883);
 William Johnson (who was born in Big Willandra in 1876);
 Henry Parkes (who was born in 1863);
 Topsy Harris also known as Topsy Scotty (who was born in Marfield in 1866);
 Jack Redtank;
 Thomas Williams also known as Thomas Broughton (who was born in Roto);
 Maggie Redtank (who was born in Keewong in 1868);
 Ada Arnott (who was born in Nyngan in 1865);
 Moses Divine;
 Jack Smith (who was born in Mossgiel in 1869);
 Ellen Sprowl also known as Ellen McHughes (who was born in Brewarrina in 1867);
 Fanny Hippi also known as Fanny Williams;
 Millie Wells also known as Millie Shearer (who was born in Brewarrina in 1874);
 Pluto Williams (who was born in Trida/Mossgiel in 1873);
 Steve Shaw (who was born in Coronga Peak in 1855);
 Fanny Brown also known as Tiltagara Fanny (who was born in Hillston in 1862);
 David Brown (who was born on the Macquarie River in 1850);
 Janey Brown (who was born on the Macquarie River in 1853);
 Betsy Gwen (who was born in Haddon Rigg near Warren in 1849);
 Louise Hinton (who was born on the Macquarie River in 1843);
 Cissy Lee (who was born in 1852);
 Boorooma Murphy (who was born in Boorooma in 1832);
 Harry Murphy (who was born in Brewarrina around 1871);
 Thomas Nixon (who was born in Buttabone in 1843);
 Colaine Lumpy (who was born in 1864);
 Charlotte Wilson;
 Tilly Riley (who was born in 1863);
 Geordie Murray (who was born in 1851 in Ivanhoe).

Registered native title rights and interests:

The following Native Title Rights & Interests were entered on the Register on 12/04/2012:

1. Where exclusive native title can be recognised (such as areas where there has been no prior extinguishment of native title or where s.238 and/or ss.47, 47A, 47B apply), the Ngemba/Ngiyampaa People as defined in Schedule A of this application, claim the right to possession, occupation, use and enjoyment of the lands and waters of the application area to the exclusion of all others subject to the valid laws of the Commonwealth and the State of New South Wales.

2. Where exclusive native title cannot be recognised, the Ngemba/Ngiyampaa People as defined in Schedule A of this application, claim the following non-exclusive rights and interests including the right to conduct activities necessary to give effect to them:
 - (a) the right to access the application area;
 - (b) the right to use and enjoy the application area;
 - (c) the right to move about the application area;
 - (d) the right to camp on the application area;

- (e) the right to erect shelters and other structures on the application area;
- (f) the right to live being to enter and remain on the application area;
- (g) the right to hold meetings on the application area;
- (h) the right to hunt on the application area;
- (i) the right to fish in the application area;
- (j) the right to have access to and use the natural water resources of the application area;
- (k) the right to gather and use the natural resources of the application area (including food, medicinal plants, timber, tubers, charcoal, wax, stone, ochre and resin as well as materials for fabricating tools, hunting implements, making artwork and musical instruments);
- (l) the right to share and exchange resources derived from the land and waters within the application area;
- (m) the right to participate in cultural and spiritual activities on the application area;
- (n) the right to maintain and protect places of importance under traditional laws, customs and practices in the application area;
- (o) the right to conduct ceremonies on the application area;
- (p) the right to transmit traditional knowledge to members of the native title claim group including knowledge of particular sites on the application area;
- (q) the right to speak for and make non-exclusive decisions about the application area in accordance with traditional laws and customs;
- (r) the right to speak authoritatively about the application area among other Aboriginal People in accordance with traditional laws and customs; and
- (s) the right to control access to or use of the lands and waters within the application area by other Aboriginal People in accordance with traditional laws and customs.

3. The native title rights and interests referred to in paragraph 2 do not confer possession, occupation, use or enjoyment of the lands and waters of the application area to the exclusion of all others.

4. The native title rights and interests are subject to and exercisable in accordance with:

- (a) the laws of the State of New South Wales and the Commonwealth of Australia including the common law;
- (b) the rights (past or present) conferred upon persons pursuant to the laws of the Commonwealth and the laws of the State of New South Wales; and
- (c) the traditional laws and customs of the Ngemba/Ngiyampaa People for personal, domestic and communal purposes (including social, cultural, religious, spiritual and ceremonial purposes).

Register attachments:

1. A map showing the boundaries of the area covered by the application , Attachment C of the Application, 1 page - A3, Attached 14/03/2012.
2. Description of the area covered by the application, Attachment B of the Application, 4 pages - A4 , Attached 14/03/2012.

Note: The Register may, in accordance with s.188 of the Native Title Act 1993, contain confidential information that will not appear on the Extract.



Searching the NNTT Registers in New South Wales

Search service

On request the National Native Title Tribunal will search its public registers for you. A search may assist you in finding out whether any native title applications (claims), determinations or agreements exist over a particular area of land or water.

In New South Wales native title cannot exist on privately owned land including family homes or farms.

What information can a search provide?

A search can confirm whether any applications, agreements or determinations are registered in a local government area. Relevant information, including register extracts and application summaries, will be provided.

In NSW because we cannot search the registers in relation to individual parcels of land we search by local government area.

Most native title applications do not identify each parcel of land claimed. They have an external boundary and then identify the areas not claimed within the boundary by reference to types of land tenure e.g., freehold, agricultural leasehold, public works.

What if the search shows no current applications?

If there is no application covering the local government area this only indicates that at the time of the search either the Federal Court had not received any claims in relation to the local government area or the Tribunal had not yet been notified of any new native title claims.

It does not mean that native title does not exist in the area.

Native title may exist over an area of land or waters whether or not a claim for native title has been made.

Where the information is found

The information you are seeking is held in three registers and on an applications database.

National Native Title Register

The National Native Title Register contains determinations of native title by the High Court, Federal Court and other courts.

Register of Native Title Claims

The Register of Native Title Claims contains applications for native title that have passed a registration test.

Registered claims attract rights, including the right to negotiate about some types of proposed developments.

Register of Indigenous Land Use Agreements

The Register of Indigenous Land Use Agreements contains agreements made with people who hold or assert native title in an area.

The register identifies development activities that have been agreed by the parties.

Application summaries

An application summary contains a description of the location, content and status of a native title claim.

This information may be different to the information on the Register of Native Title Claims, e.g., because an amendment has not yet been tested.

How do you request a search?

A search request form is available on the Tribunal's web site at:

<http://www.nntt.gov.au/registers/search.html>

Mail, fax or email your request to the Tribunal's Sydney registry, identifying the local government area/s you want searched.

Email: NSWEnquiries@nntt.gov.au

Fax: (02) 9227 4030

Address: GPO Box 9973, Sydney NSW 2001

Phone: (02) 9227 4000

Application Summary Attachment:
NSD415/2012 (NC12/1),
External boundary description
Attachment B of the Application
Page 1 of 4, A4, 14/03/2012

Page 1 of 4

External boundary description

The application area covers all the land and waters within the external boundary described as:

Commencing at the southernmost point of the application at the intersection of the centrelines of the Roto Road reserve and the Lachlan River at Hillston and extending generally north westerly along the centreline of that road reserve to Mossgiel Trunk Road; then generally westerly along the centreline of that road reserve to the Cobb Highway; then generally north westerly along the centreline of that road reserve to the Ivanhoe – Menindee Road; then generally westerly along the centreline of that road reserve to the eastern boundary of native title determination application NSD6084/98 Barkandji Traditional Owners 8 (NC97/32) at Longitude 144.206842° East; then continuing along the boundaries of that native title determination application, also described as:

From the centreline of the Ivanhoe – Menindee Road reserve at Longitude 144.206842° East; and extending northerly to the western boundary of Lot 4594 on DP767758 at Latitude 32.301343° South; then generally northerly along the western boundaries of that lot to the easternmost corner of Lot 776 on DP762100; then north westerly along the boundaries of that lot to the easternmost corner of Lot 775 on DP762082; then continuing north westerly and south westerly along the boundaries of that lot to the southernmost corner of Lot 774 on DP762102; then south westerly, north westerly, north easterly and south easterly along the boundaries of that lot to the southernmost corner of Lot 1979 on DP763987; then generally north easterly and north westerly along the boundaries of that lot to the westernmost corner of Lot 4595 on DP767759; then generally north easterly along the north western boundaries of that lot and Lot 1130 on DP762534 to the easternmost corner of Lot 939 on DP762071; then north westerly along the boundary of that lot to the southern boundary of the Barrier Highway road reserve; then north easterly and generally easterly along the southern boundaries of that road reserve to Longitude 144.803043° East; then generally north easterly through Longitude 144.804560° East, Latitude 31.576881° South to a point on the western boundary of Lot 1282 on DP762978 at Latitude 31.429323° South; then north westerly to the westernmost corner of that lot; then generally north easterly along the north western

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Application Summary Attachment:

NSD415/2012 (NC12/1),
External boundary description
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boundaries of that lot, Lot 1283 on DP762979 and Lot 4176 on DP766743 to the easternmost corner of Lot 5412 on DP768323, being the point at where it leaves the boundary of native title determination application NSD6084/98 Barkandji Traditional Owners 8 (NC97/32).

Then continuing generally north easterly along the north western boundaries of Lot 4176 on DP766743, Lot 4177 on DP766744, Lot 4857 on DP769170 and onwards across Louth Road to the western boundary of Lot 2 on DP803696; then generally northerly along the south western boundary of that lot, south western and north western boundaries of Lot 964 on DP762132, south western boundary of Lot 3610 on DP765962, south western and north western boundaries of Lot 3609 on DP765961, western boundary of Lot 933 on DP762220, south western and north western boundaries of Lot 625 on DP761643 to its northernmost corner; then continuing north easterly across Gunderbooka Kings Cross Road to the western boundary of Lot 1394 on DP763061; then generally northerly along the western and northern boundaries of that lot to the western most corner of Gundabooka National Park; then generally north easterly along the northern boundaries of that national park to the northernmost boundary of Lot 3147 on DP765352; then north easterly along the boundary of that lot to the western boundary of Lot 2250 on DP764515; then north westerly and easterly along the boundaries of that lot and onwards to the centreline of the Kidman Way road reserve; then generally northerly along the centreline of that road reserve to the prolongation westerly of the southern boundary of Lot 4678 on DP767842; then easterly to and along the southern boundary of that lot and Lot 263 on DP760955; then generally northerly along the eastern boundaries of that lot to the eastern boundary of an unnamed road reserve located between Lot 4291 on DP767038 and Lot 61 on DP751841; then northerly to centreline of that unnamed road reserve; then generally north easterly along the centreline of that road reserve to the western boundary of the Mitchell Highway; then continuing north easterly across that highway to the westernmost corner of Lot 52 on DP751841; then generally north easterly along the western boundary of that lot, eastern boundary of Lot 4133 on DP766638, western boundaries of Lot 40 on DP751867, Lot 42 on DP751867, Lot 6830 on DP43320 and Lot 6829 on DP43320 to the Kamilaroi Highway; then continuing north easterly across that highway to the centreline of an unnamed road reserve located parallel to the western boundary of Lot 39 on DP751867; then generally northerly along that road reserve to the prolongation southerly of the easternmost boundary of Lot 59 on DP751867, then generally northerly to and along the eastern boundary of that lot and the eastern

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Application Summary Attachment:

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 External boundary description
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boundary of Lot 4357 on DP767194 to the Darling River and onwards to its centreline; then generally northerly, generally easterly and generally south easterly along the centreline of that river, the Barwon River, the Macquarie River and the Castlereagh River to the centreline of the Newell Highway at Gilgandra; then north westerly along the centreline of that highway road reserve to the Oxley Highway; then north easterly and generally westerly along the centreline of that highway road reserve to Nancarrow Road; then generally southerly along the centreline of that road reserve to Boothaguy Creek; then generally westerly along the centreline of that creek to again the Oxley Highway; then generally south westerly along the centreline of that highway road reserve to the Gunningbar Creek; then generally north westerly along the centreline of that creek to the Albert Priest Channel; then generally westerly along the centreline of that channel to an unnamed road reserve which bisects Lot 2 on DP232612; then generally south westerly along the centreline of that road reserve to the Mitchell Highway at Mullengudgerly; then generally north westerly along the centreline of that highway road reserve to the Bogan River at Nyngan; then generally southerly along the centreline of that river to Bulbodney Creek; then generally southerly along the centreline of that creek to Tigers Creek; then generally south westerly along the centreline of that creek to Yarra Yarra Creek; then generally south westerly along the centreline of that creek to Longitude 146.921830° East, then westerly to an unnamed watercourse at approximately Longitude 146.911275° East, Latitude 32.558960° South; then generally westerly along the centreline of that watercourse to Fiveways Road; then westerly approximately 500 metres to an unnamed watercourse at Latitude 32.557767° South; then generally south westerly along the centreline of that unnamed watercourse to Tinda Creek; then generally southerly along the centreline of that creek to Morumbil Swamp; then generally south westerly along the centreline of that swamp, Crowie Creek, Booberoi Creek and the Lachlan River back to the commencement point.

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Application Summary Attachment:

NSD415/2012 (NC12/1),
External boundary description
Attachment B of the Application
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Data Reference and source

- Application boundary data compiled by National Native Title Tribunal based on data provided by NTSCORP.
- Native title determination application NSD6084/98 Barkandji Traditional Owners 8 (NC97/32) as accepted for registration on 2 November 2006.
- Cadastre data sourced from Public Sector Mapping Agency (November 2010).
- Roads based on casement data sourced from LPM Authority, NSW.
- Rivers / Creeks based on casement data, 1:100,000 topographic data which is © Commonwealth of Australia and is supplied by Geoimage Pty Ltd under licence from Geoscience Australia and information supplied by NTSCORP (based on 2007 LPI topographic data).

Reference datum

Geographical coordinates have been provided by the NNTT Geospatial Services and are referenced to the Geocentric Datum of Australia 1994 (GDA94), in decimal degrees and are based on the spatial reference data acquired from the various custodians at the time.

Use of Coordinates

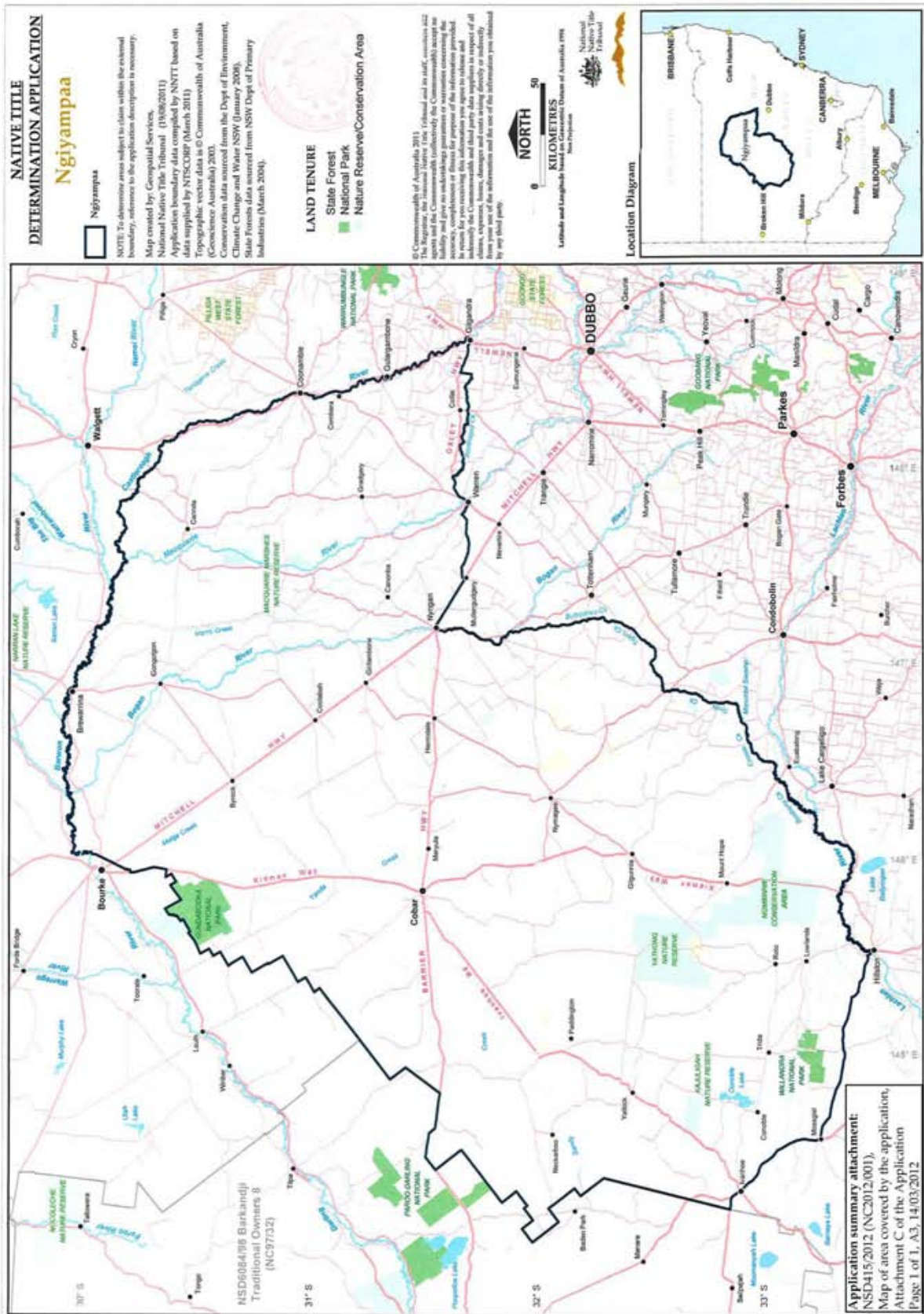
Where coordinates are used within the description to represent cadastral or topographical boundaries or the intersection with such, they are intended as a guide only. As an outcome to the custodians of cadastral and topographic data continuously recalculating the geographic position of their data based on improved survey and data maintenance procedures, it is not possible to accurately define such a position other than by detailed ground survey.

Prepared by Geospatial Services, National Native Title Tribunal (19 August 2011)

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Attachment C – Map of the Area covered by the application







11-13 Mansfield Street
Glebe NSW 2037
PO Box 111, Glebe NSW 2037
☎ 02 9562 6327 ☎ 02 9561 6350

Gerard Niemoeller
On Site Cultural Heritage Management
PO Box 574
NAROOMA NSW 2546

Dear Gerard

Re: Request - Search for Registered Aboriginal Owners

I refer to your letter dated 12 September 2012 regarding Aboriginal Stakeholders within Girilambone area, NSW.

I have searched the Register of Aboriginal Owners and the project area described does not have Registered Aboriginal Owners pursuant to Division 3 of the *Aboriginal Land Rights Act 1983 (NSW)*.

I suggest you contact the Nyngan Local Aboriginal Land Council. They may also be able to assist you in identifying other Aboriginal stakeholders for this project.

Yours sincerely

Shannon Williams
Project Officer
Office of the Registrar, *Aboriginal Land Rights Act (1983)*

18 September 2012



18 September 2012 ref: oeh 18-9-12/1cor

Mr G. Niemoeller
OnSite Cultural Heritage Management Pty Ltd
PO Box 574
NAROOMA NSW 2546

Dear Mr. Niemoeller

ACHA / AHIP : Avoca Tank Project (Stage 2) - Girilambone

I refer to your letter/notice dated 12/9/2012 received 17/9/2012.

Please refrain from forwarding notices of the subject nature via email – it is requested that you please send via Australia Post to: **Notifications Officer – PO Box 2105 STRAWBERRY HILLS NSW 2012.**

I acknowledge that section 4.1.2 of the Office of Environment & Heritage's Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010 require you to contact Ntscorp in order to compile a list of Aboriginal people who may have an interest in the proposed project area and hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or places. However, NTSCORP's privacy guidelines restrict us from providing proponents with contact details of traditional owners who may have such an interest or hold such knowledge.

In response to your notification, NTSCORP will forward your correspondence to any individuals, groups and organisations whom NTSCORP is aware assert traditional interests within or hold cultural knowledge about the relevant area. Recipients of our correspondence will be invited to register their interest in the project directly with you as soon as possible.

Please be aware that NTSCORP cannot make a guarantee or undertaking that the recipients of our correspondence represent the entirety of traditional owners for the relevant area. In order to undertake the said process, a time frame of 21 days is required. The subject notice will be processed as soon as possible.

You might wish to note that my attempts to contact you via email on each of gniemoeller@skymesh.com.au and gerard@onsitechm.com.au were returned as "undeliverable".

Yours faithfully

Peter Schultz
Senior Land Tenure & Notifications Officer

Phone: 61 2 9310 3188

Phone: 61 2 9310 4177

Phone: 71 098 971 209
www.ntsCorp.com.au

File: Avoca\Correspondence\Templates\Updated notifications as of June 2012\OEH_MH_12_mail.pdf



Pty Ltd

PO Box 574 NAROOMA NSW 2546

gerard@onsitechm.com.au

ABN: 43 329 728 630

Ph: 0414441896

www.onsitechm.com.au

Our Ref: A018

9 October 2012

Registering Interest for an Aboriginal Cultural Heritage Assessment and Aboriginal Heritage Impact Permit application – Girilambone Avoca Tank Project (Stage 2), Bogan Shire Council NSW 2831

I am writing to you in accordance with Section 4.1.3 of the ***Aboriginal cultural heritage consultation requirements for proponents***.

Tritton Resources Limited Pty is in the early stage of exploring a newly identified resource to the north of its Girilambone Copper Mine, currently referred to as the Avoca Tank Project. The Avoca Tank Project land is divided into two stages and situated across 18.62km². The land is located approximately 4 kilometres north west of Girilambone NSW 2831 along the Mitchell Highway.

The Avoca Tank **Stage 1** project land covers approximately 8.7km² across part of Lots 10, 135 and 144 (DP 751315) on the Coolabah 8235 1:100,000 map sheet. The Stage 1 land was the subject of a previous Aboriginal Cultural Heritage Assessment by On Site Cultural Heritage Management between April and August (2012).

On Site Cultural Heritage Management has now been contracted to conduct an Aboriginal Cultural Heritage Assessment of the adjoining Avoca Tank **Stage 2** project land across 9.90 km², part of Lot 3 (DP 751342), Lots 10 and 135 (DP 751315) on the Coolabah 8235 1:100,000 map sheet). The assessment may result in an application for an Aboriginal Heritage Impact Permit (AHIP) pursuant to the *NSW National Parks and Wildlife Act*. A map showing the location of the Avoca Tank project area (Stages 1 and 2) is attached.

Purpose of this letter

The preparation of an AHIP requires the proponent to establish a ***Register of Interest*** for the project and undertake community consultation as outlined in the Office of Environment and Heritage ***Aboriginal cultural heritage consultation requirements for proponents***. These requirements set out and establish a 4 stage consultation process.

Your details were provided to me in response to correspondence to those organisations listed in Section 4.1.2 of the *Aboriginal cultural heritage consultation requirements for proponents*. I am now writing to you in accordance with Section 4.1.3 of those requirements. A list of organisations and individuals corresponded with as part of this process is also attached for your information.

More specifically the proponent has engaged the services of ***On Site Cultural Heritage Management*** to:

- undertake the community consultation process as per the *Aboriginal cultural heritage consultation requirements for proponents*
- undertake an Aboriginal Cultural Heritage Assessment of the Avoca Tank Project (Stage 2) and
- prepare Aboriginal Heritage Impact Permit application (if required)

The purpose of establishing the Register of Interest is to formally identify and undertake community consultation with Aboriginal people who hold cultural knowledge relevant to determining the significance of the Avoca Tank project area (Stage 2) or Aboriginal objects within the subject land (9.90 km² across part of Lot 3 (DP 751342), Lots 10 and 135 (DP 751315) on the Coolabah 8235 1:100,000 map sheet and within the Bogan Shire).

The purpose of Aboriginal community consultation is to assist the proponent in the preparation of an application for an Aboriginal Heritage Impact Permit (AHIP) and to assist the Director General of the Office of Environment and Heritage in his or her consideration and determination of that application.

Should you decide to register your interest you will be provided with further information consisting of a proposed methodology for the project (in accordance with Stage 2 of the consultation requirements) and a list of questions to assist OEH in understanding the cultural value of the project area (to assist with Stage 3).

I am also required to inform you that should you decide to register your interest your details will be forwarded to Office of Environment and Heritage, Dubbo and the Nyngan Local Aboriginal Land Council unless you specify that you do not want your details released.

If you hold cultural knowledge relevant to determining the cultural significance of the Aboriginal objects located within the Avoca Tank project area or Aboriginal objects within the subject land (9.90 km², part of Lot 3 (DP 751342), Lots 10 and 135 (DP 751315) on the Coolabah 8235 1:100,000 map sheet and within the Bogan Shire then I invite you to register your interest for this project. You can register your interest by writing a letter, email or telephoning me by 24 October 2012. My contact details are provided above. If you are registering your organisation then please provide the name and details of a nominated contact person.

Please note that any registrations of interest received after 24 October 2012 will not be included on the register. A notice inviting registrations of interest and participation in the community consultation process also appeared in the Public Notices of the Nyngan Observer on Wednesday 10 October 2012.

Please contact me should you require any further information or wish to discuss this proposal.

Regards

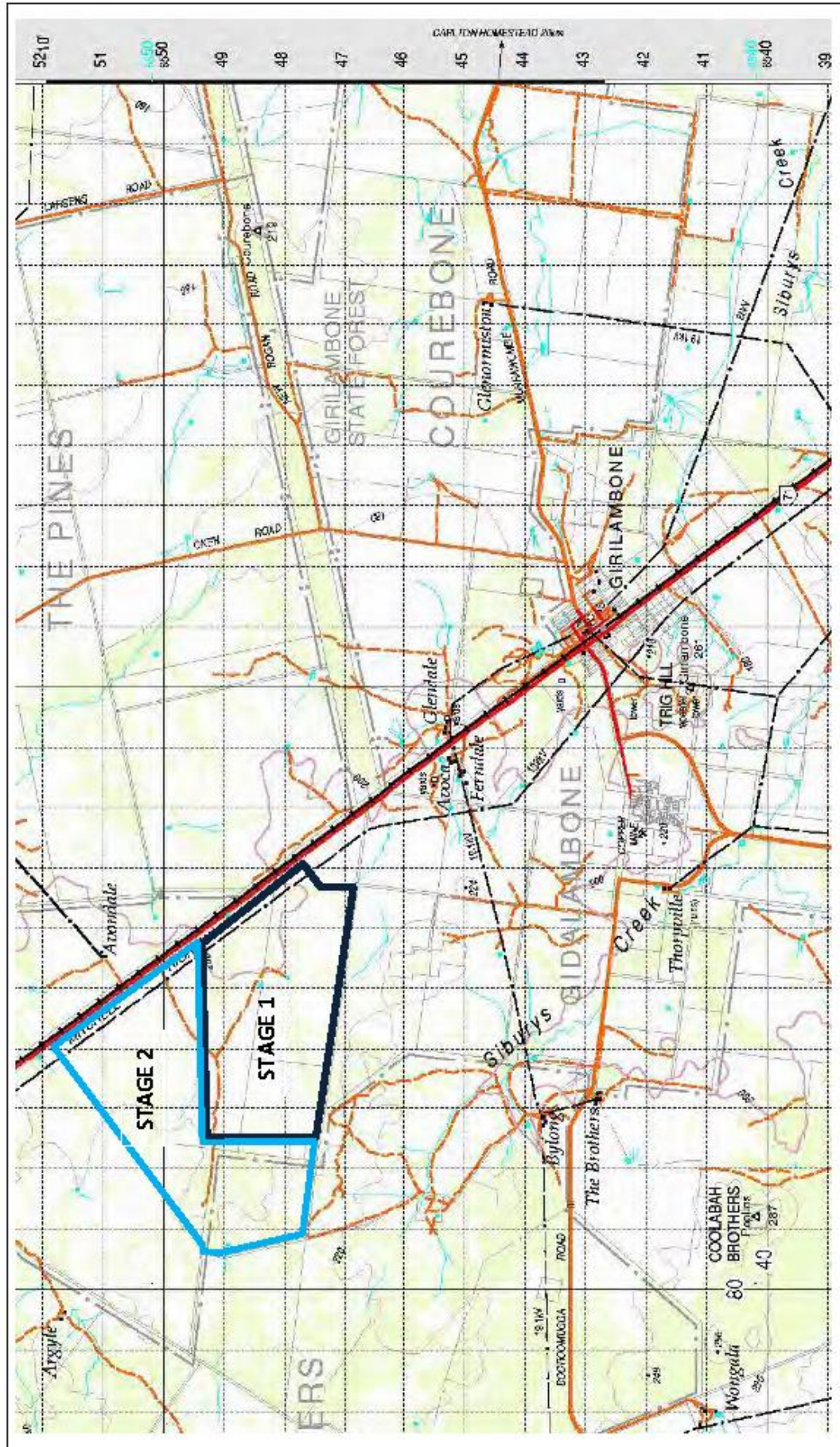


Gerard Niemoeller
Principal Heritage Consultant

List of Aboriginal organisations / individuals identified during Stage 4.1.2 of *Aboriginal cultural heritage consultation requirements for proponents* and invited to register interest as part of this assessment

Aboriginal Organisation / Individual Name	Address	Contact Details
Bogan Aboriginal Corporation CEO Lesly Ryan	46 Nymagee St PO Box 345 NYNGAN NSW 2825	boganac@netxp.com.au Ph: (02) 6832 1750 M: 0419418851
Nyngan Local Aboriginal Land Council / Vaneta Dutton CEO	PO Box 43 NYNGAN NSW 2825	nynganlalc@bigpond.com
Marra Wallan Pty Ltd Mr John Shipp CEO	79 Thompson Street / PO BOX 6088 Dubbo NSW 2830	John@marrawallan.com.au john.shipp@bigpond.com
NTS Corp Ltd on behalf of Native Title application for the Ngemba/Ngiyampaa People (Federal Court number: NSD415/12, NNTT number: NC12/1) and Native Title applicants: Mrs Elaine Ohlsen Mr Peter Williams Mr Brett Smith Ms Danielle Flakeler-Carney Mr Neville Merritt Mr Edward Shipp Mr John Shipp Ms Grace Gordon Mr Jason Ford (identified by National Native Title Tribunal)	NTSCORP Ltd Notifications Officer PO Box 2105 STRAWBERRY HILLS NSW 2012. Unit 1a Suite 2.02, 44-70 Rosehill Street REDFERN NSW 2016	Phone: (02) 9310 3188 Fax: (02) 9310 4177
Trevor Robinson	PO Box 73, Peak Hill NSW 2869	
Wiradjuri Interim Working party	PO Box 73, Peak Hill NSW 2869	

Figure 1: Avoca Tank project area (Stage 2) shown in light blue polygon (9.90 km²), part of Lot 3 (DP 751342), Lots 10 and 135 (DP 751315) on the Coolabah 8235 1:100,000 map sheet. The adjoining Stage 1 area (8.72km²) across part of Lots 10, 135 and 144 (DP 751315) is shown in the dark blue polygon and was the subject of a previous Aboriginal Cultural Heritage Assessment by On Site CHIM (2012).





Pty Ltd

PO Box 574 NAROOMA NSW 2546

gerard@onsitechm.com.au

Ph: 0414441896

www.onsitechm.com.au

ABN: 48 089 066 744

26 October 2012

Our Ref: A018

ABORIGINAL CULTURAL HERITAGE ASSESSMENT - Methodology and Significance

Avoca Tank Project – Stage 2 (Tritton Resources) Girilambone, Bogan Shire NSW 2831

TO THE REGISTERED ABORIGINAL PARTIES:

Bogan Aboriginal Corporation - Lesly Ryan, CEO

Nyngan Local Aboriginal Land Council - Vaneta Dutton CEO

Native Title Services for Ngemba/Ngiyampaa Claimants – c/o Neville Kim

1.0 INTRODUCTION

This document is provided to the 'Registered Aboriginal Parties' in accordance with Stage 2 and Stage 3 (Sections 4.2 and 4.3) of the ***Aboriginal cultural heritage consultation requirements for proponents 2010 (Requirements)***.

The Registered Aboriginal Parties are those persons and organisations who registered their interest as part of Stage 1 (Section 4.1.3) of the Requirements and in response to:

- Correspondence of 9 October 2012 or
- The notice inviting registrations of interest and participation in the community consultation process that appeared in the Public Notices of the Nyngan Observer on Wednesday 10 October 2012.

The names of the Registered Aboriginal Parties are listed above at the top of this correspondence their contact details are included at the end of this document. Information about the project is provided below in Section 2.0.

According to Section 1.1 (pg 1), the purpose of the *Aboriginal cultural heritage consultation requirements for proponents* document is to establish the requirements for consultation with the Registered Aboriginal Parties as part of the heritage assessment process, to determine potential impacts of proposed activities on Aboriginal objects and places and to inform decision making for any application for an AHIP.

The aim is to facilitate positive Aboriginal cultural heritage outcomes by (Section 1.1, pg 1):

- affording an opportunity for Aboriginal people who hold cultural knowledge relevant to determining the significance of Aboriginal objects(s) and/or place(s) in the area of the proposed project to be involved in consultation so that information about cultural significance can be provided to OEH to inform decisions regarding applications for an AHIP
- providing Aboriginal people who hold cultural knowledge relevant to determining the significance of Aboriginal objects (s) and/or place(s) in the area of the proposed project with the opportunity to participate in decision making regarding the management of their cultural heritage by providing proponents information regarding cultural significance and inputting into management options.

2.0 THE PROJECT – AVOCA TANK (STAGE 2)

Tritton Resources Limited Pty is in the early stage of exploring a newly identified resource to the north of its Girilambone Copper Mine, currently referred to as the Avoca Tank Project. The Avoca Tank Project land is divided into two stages and situated across 18.62km². The land is located approximately 4 kilometres north west of Girilambone NSW 2831 along the Mitchell Highway.

The Avoca Tank Stage 1 project land covers approximately 8.7km² across part of Lots 10, 135 and 144 (DP 751315) on the Coolabah 8235 1:100,000 map sheet. The Stage 1 land was the subject of a previous Aboriginal Cultural Heritage Assessment by On Site Cultural Heritage Management between April and August (2012).

On Site Cultural Heritage Management has been engaged to conduct an Aboriginal Cultural Heritage Assessment of the adjoining Avoca Tank Stage 2 project land across 9.90 km², part of Lot 3 (DP 751342), Lots 10 and 135 (DP 751315) on the Coolabah 8235 1:100,000 map sheet). As part of the assessment process On Site CHM is also conducting community consultation as per the process in the *Aboriginal cultural heritage consultation requirements for proponents*.

The exploration proposed to be undertaken by Tritton Resources involves an exploratory drilling program across the area of 200+ drill holes. The majority of this program is intended to be air core drilling which is performed and launched from the back of a small specially modified 4WD truck requiring little to no clearing of drill pads.

Some further exploratory drilling using truck mounted rigs and requiring clearing of drill pads may also be undertaken in some localised areas within exploration area. The results of the exploratory drilling program will influence whether any future proposed mining will be proposed and the overall footprint of the project and mine layout (above ground open cut mining or underground mining).

The assessment may result in an application for an Aboriginal Heritage Impact Permit (AHIP) pursuant to the *NSW National Parks and Wildlife Act*. A map showing the location of the Avoca Tank project area (Stages 1 and 2) is attached.

3.0 METHODOLOGY FOR THIS ABORIGINAL CULTURAL HERITAGE ASSESSMENT

The aim of Stage 2 (Section 4.2) of the requirements is to provide registered Aboriginal parties with information about the scope of the proposed project and the proposed cultural heritage assessment process. Information about the project is provided above in Section 2.0

The methodology for the current assessment is proposed to include:

- Consultation with the Aboriginal Community to: identify Aboriginal traditional owners, elders and custodians who can speak about this place (*Registered Aboriginal Parties*); ascertain their views about the cultural significance of the Aboriginal objects; identify whether there are particular research themes or questions of interest that could be incorporated into any research design or addressed through archaeological assessment (*Stage 2 and 3 of the requirements – this document*)
- An AHIMS database search to identify previously recorded sites within or within proximity to the study area. *An AHIMS database search has identified that there are no previously recorded Aboriginal sites within the identified area.*
- Review of other relevant heritage registers (such as the Register of the National Estate, NSW State Heritage Register, Bogan Local Heritage Register). *A search of these databases has not identified any historic places or objects within the project Area.*
- Review relevant cultural heritage and archaeological reports to provide a regional and local context for the assessment of this Aboriginal place and associated objects
- Conduct a site assessment (survey) to identify, record and document information about Aboriginal objects relevant to determining and assessing the cultural heritage significance.
- Preparation of a report documenting the results of the above processes, assessment of the places significance and the formulation of appropriate heritage management strategies
- Preparation of an Aboriginal Heritage Impact Permit application (if required)

This assessment is being conducted in accordance with relevant DECCW policy and regulations and specifically:

- *Aboriginal cultural heritage consultation requirements for proponents 2010*
- *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales*
- *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales*
- *Guide to investigation, assessing and reporting on Aboriginal Cultural heritage in NSW*
- *Applying for an Aboriginal Heritage Impact Permit: Guide for applicants*

4.0 CONSULTING WITH ABORIGINAL PEOPLE ABOUT THE SIGNIFICANCE OF THE PROJECT AREA

Stage 3 (Section 4.3) of the *Aboriginal cultural heritage consultation requirements for proponents 2010* requires the proponent to seek information about the cultural significance of the project area land and the Aboriginal objects or places that may be within. The purpose of this stage is also to facilitate a process whereby the registered Aboriginal parties can:

- a) contribute to culturally appropriate information gathering and the research methodology
- b) provide information that will enable the cultural significance of Aboriginal objects and/or places on the proposed project area to be determined
- c) have input into the development of any cultural heritage management options.

A list of questions about the proposed project and assessment is provided below. These questions are only suggestions and you may provide any additional information you feel is necessary to inform the proponent and OEH about the Aboriginal cultural significance or values of the project area.

1. Are there any objects or places of cultural value in the project area or in the immediate proximity? If so how do you think the proposed development might affect those values?
2. Do you have any cultural concerns or perspectives about this assessment or project?
3. Do you think there is the potential for burials to occur at the site? If so why?
4. Are there any particular research questions you would like to see answered through the archaeological assessment process?
5. Have you got any views about the management of the lands within the Avoca Tank Project Area that may not be impacted?
6. Is any of the information you have provided culturally sensitive and is it OK to print your views in a report?

5.0 PRELIMINARY ASSESSMENT

An AHIMS site search has been conducted for the Stage 2 area and reveals that there are no previously recorded Aboriginal objects or sites within the project area. An examination of topographic maps and aerial photography shows that the Stage 2 land is relatively flat, undifferentiated and there are no obvious features (such as sources of water, hills) that may have acted as foci points for Aboriginal occupation in the past.

Based on previous studies in the region the most likely Aboriginal sites types present in the project area will be stone artefacts, hearths/earth mounds and scarred trees. Given the potential absence (on maps) of potable water in the project and wider area these occurrences are predicted to be infrequent and isolated.

6.0 WHERE TO FROM HERE?

Registered Aboriginal parties have 28 days to review this document and provide information about the assessment methodology and significance of the project area. Your views and any written submissions you make will be incorporated into the assessment and report and provided to OEH.

If you would like to review this document and provide further comment please do so by Saturday 24 November 2012.

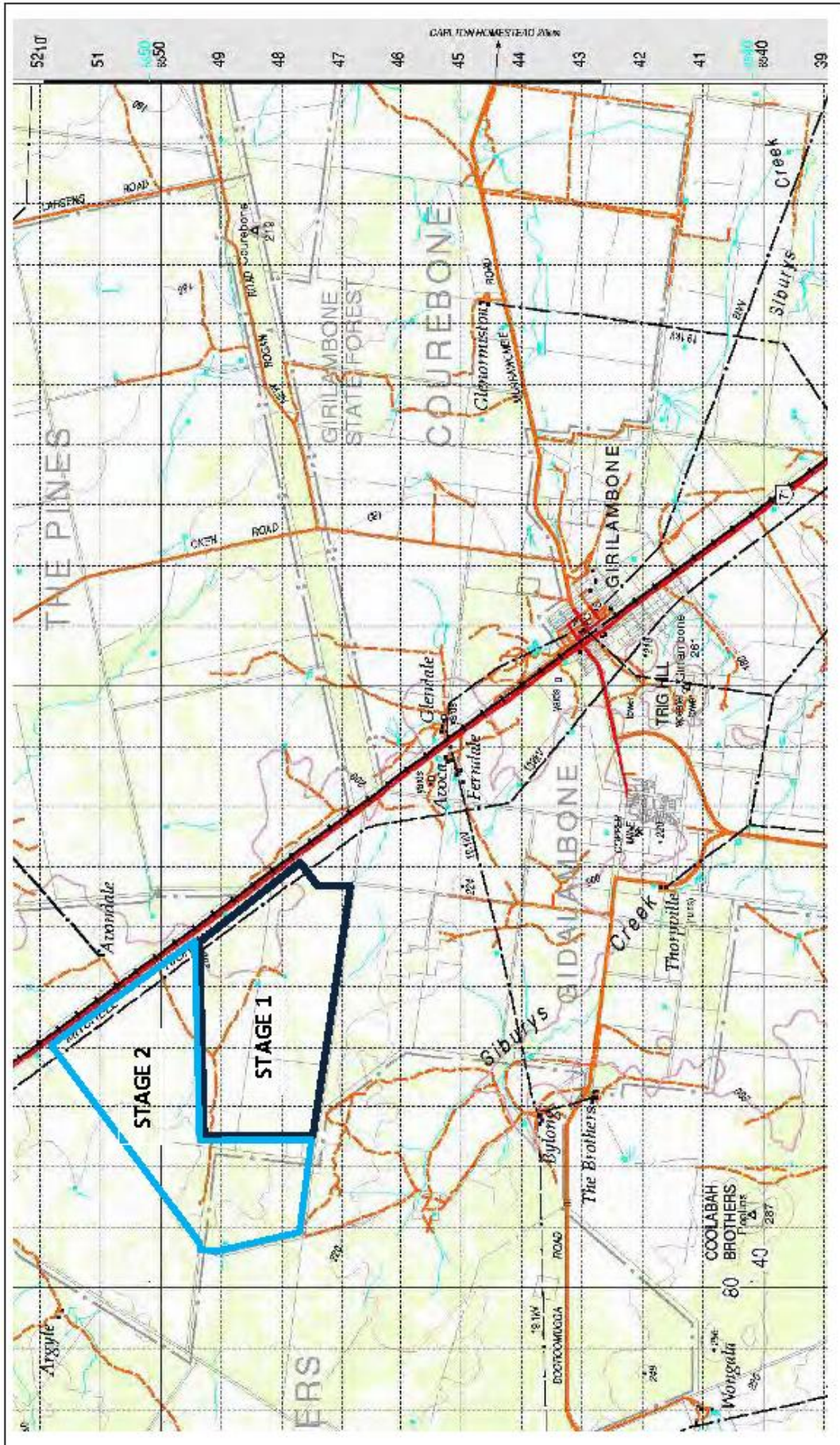
Registered Aboriginal parties will also have a further 28 days to review the final Aboriginal Cultural Heritage Assessment report.

Please contact Gerard Niemoeller of On Site Cultural Heritage Management on 0414441896 should you require any further information or wish to discuss this proposal.

List of Aboriginal organisations / individuals who registered their interest during Stage 4.1.3 of Aboriginal cultural heritage consultation requirements for proponents and as part of this assessment

Aboriginal Organisation / Individual Name	Address	Contact Details
Bogan Aboriginal Corporation CEO Lesly Ryan	46 Nymagee St PO Box 345 NYNGAN NSW 2825	boganac@netxp.com.au Ph: (02) 6832 1750 M: 0419418851
Nyngan Local Aboriginal Land Council / Vaneta Dutton CEO	PO Box 43 NYNGAN NSW 2825	nynganlalc@bigpond.com
NTS Corp Ltd on behalf of Native Title application for the Ngemba/Ngiyampaa People (Federal Court number: NSD415/12, NNTT number: NC12/1) and Native Title applicants: Mrs Elaine Ohlsen Mr Peter Williams Mr Brett Smith Ms Danielle Flakeler-Carney Mr Neville Merritt Mr Edward Shipp Mr John Shipp Ms Grace Gordon Mr Jason Ford (identified by National Native Title Tribunal)	NTSCORP Ltd Notifications Officer PO Box 2105 STRAWBERRY HILLS NSW 2012. Unit 1a Suite 2.02, 44-70 Rosehill Street REDFERN NSW 2016	Phone: (02) 9310 3188 Fax: (02) 9310 4177

Figure 1: Avoca Tank project area (Stage 2) shown in light blue polygon (9.90 km²), part of Lot 3 (DP 751342), Lots 10 and 135 (DP 751315) on the Coolabah 8235 1:100,000 map sheet. The adjoining Stage 1 area (8.72km²) across part of Lots 10, 135 and 144 (DP 751315) is shown in the dark blue polygon and was the subject of a previous Aboriginal Cultural Heritage Assessment by On Site CHM (2012).

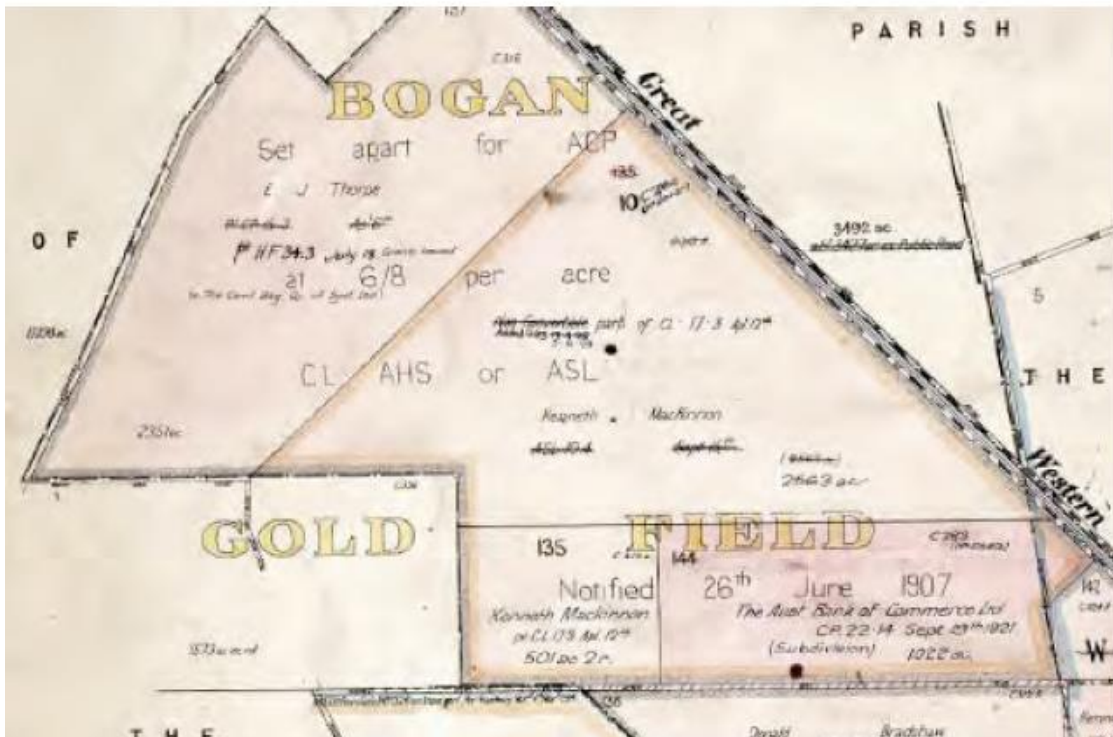


APPENDIX 3

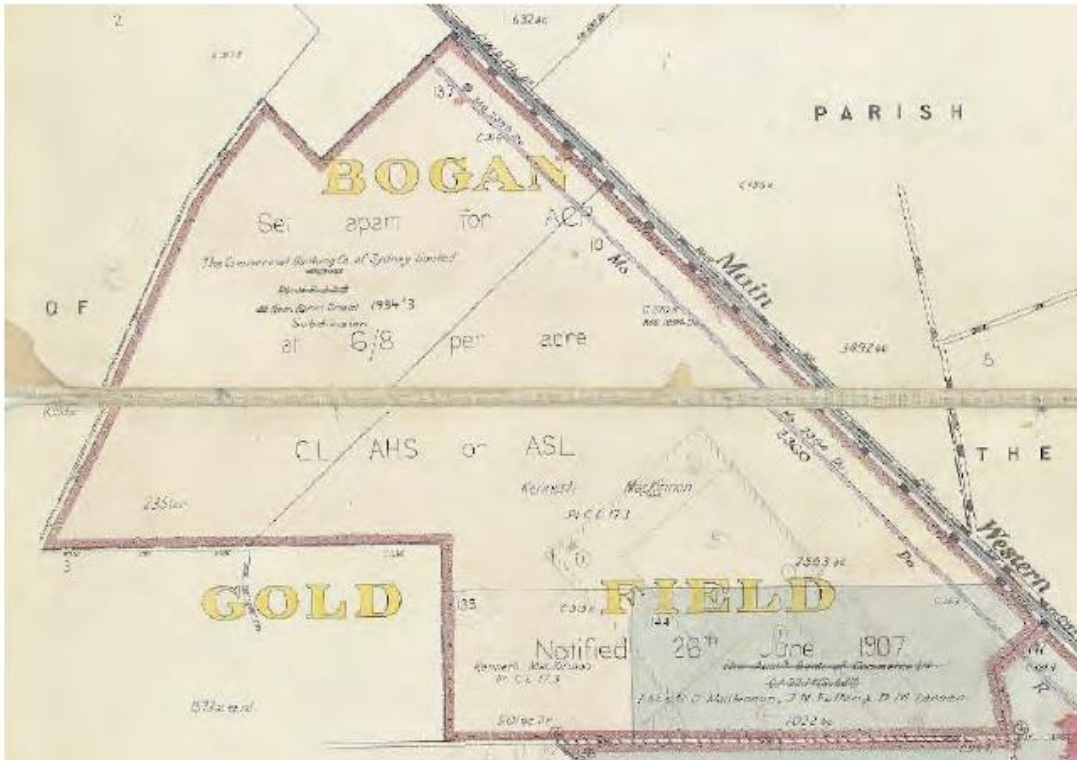
Appendix 3.1: Parish of Gidalambone 1910 Map



Appendix 3.2: Parish of Gidalambone 1916 Map



Appendix 3.3: Parish of Gidalambone 1937 Map



Appendix 3.4: Parish Map of The Brothers 1911



Appendix 3.5: Parish Map of The Brothers 1926



Appendix 3.6: Parish Map of The Brothers 1957



APPENDIX 4



AHIMS Web Services (AWS) Search Result

Your Ref Number : A018

Client Service ID : 81416

Onsite Cultural Heritage Management - Narooma
PO Box 574
Narooma New South Wales 2546
Attention: Gerard Niemoeller
Email: gerard@onsitechm.com.au
Dear Sir or Madam:

Date: 26 September 2012

AHIMS Web Service search for the following area at Datum :GDA, Zone : 55, Eastings : 478000 - 488000, Northings : 6545000 - 6555000 with a Buffer of 0 meters, conducted by Gerard Niemoeller on 26 September 2012

A search of the Office of the Environment and Heritage AHIMS Web Services (Aboriginal Heritage Information Management System) has shown that:

57	Aboriginal sites are recorded in or near the above location.
0	Aboriginal places have been declared in or near the above location.*

If your search shows Aboriginal sites or places what should you do?

- You must do an extensive search if AHIMS has shown that there are Aboriginal sites or places recorded in the search area.
- If you are checking AHIMS as a part of your due diligence, refer to the next steps of the Due Diligence Code of practice.
- You can get further information about Aboriginal places by looking at the gazettal notice that declared it. Aboriginal places gazetted after 2001 are available on the [NSW Government Gazette](http://www.nsw.gov.au/gazette) (<http://www.nsw.gov.au/gazette>) website. Gazettal notices published prior to 2001 can be obtained from Office of Environment and Heritage's Aboriginal Heritage Information Unit upon request

Important information about your AHIMS search

- The information derived from the AHIMS search is only to be used for the purpose for which it was requested. It is not to be made available to the public.
- AHIMS records information about Aboriginal sites that have been provided to Office of Environment and Heritage and Aboriginal places that have been declared by the Minister;
- Information recorded on AHIMS may vary in its accuracy and may not be up to date. Location details are recorded as grid references and it is important to note that there may be errors or omissions in these recordings.
- Some parts of New South Wales have not been investigated in detail and there may be fewer records of Aboriginal sites in those areas. These areas may contain Aboriginal sites which are not recorded on AHIMS.
- Aboriginal objects are protected under the National Parks and Wildlife Act 1974 even if they are not recorded as a site on AHIMS.
- This search can form part of your due diligence and remains valid for 12 months.

PO BOX 1967 Hurstville NSW 2220
43 Bridge Street HURSTVILLE NSW 2220
Tel: (02)9585 6345 (02)9585 6741 Fax: (02)9585 6094

ABN 30 841 387 271
Email: ahims@environment.nsw.gov.au
Web: www.environment.nsw.gov.au



SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
26-3-0067	GM-HS-28_(Hearth);Girilambone Copper Mine;	AGD	55	484710	6547330	Open site	Valid	Earth Mound ; , Hearth ; -	Mound (Oven)	
	Contact									
26-3-0068	GM-HS-29_(Hearth);Girilambone Copper Mine;	AGD	55	484680	6547340	Open site	Valid	Earth Mound ; , Hearth ; -	Mound (Oven)	
	Contact									
26-3-0070	GM-OS/HS-1_(Hearth);Girilambone Copper Mine;	AGD	55	484760	6548100	Open site	Valid	Earth Mound ; , Hearth ; - ,Artefact ; -	Mound (Oven),Open Camp Site	
	Contact									
26-3-0071	GC-OS/HS-2_(Hearth);Girilambone Copper Mine;	AGD	55	484760	6548100	Open site	Valid	Earth Mound ; , Hearth ; - ,Artefact ; -	Mound (Oven),Open Camp Site	
	Contact									
26-3-0017	GC-ST-1;Girilambone Copper Mine;	AGD	55	485880	6545950	Open site	Valid	Modified Tree (Carved or Scarred) ;	Scarred Tree	
	Contact									
26-3-0018	GC-ST-12;Girilambone Copper Mine;	AGD	55	485880	6545950	Open site	Valid	Modified Tree (Carved or Scarred) ;	Scarred Tree	
	Contact									
26-3-0019	GC-ST-13;Girilambone Copper Mine;	AGD	55	485960	6546010	Open site	Valid	Modified Tree (Carved or Scarred) ;	Scarred Tree	
	Contact									
26-3-0020	GC-ST-14;Girilambone Copper Mine;	AGD	55	485960	6546010	Open site	Valid	Modified Tree (Carved or Scarred) ;	Scarred Tree	
	Contact									
26-3-0021	GC-ST-15;Girilambone Copper Mine;	AGD	55	485960	6546010	Open site	Valid	Modified Tree (Carved or Scarred) ;	Scarred Tree	
	Contact									
26-3-0022	GC-ST-16;Girilambone Copper Mine;	AGD	55	485930	6545730	Open site	Valid	Modified Tree (Carved or Scarred) ;	Scarred Tree	
	Contact									

Report generated by AHIMS Web Service on 26/09/2012 for Gerard Niemoeller for the following area at Datum :GDA, Zone : 55, Eastings : 478000 - 488000, Northings : 6545000 - 6555000 with a Buffer of 0 meters.Additional Info : Used to provide context for archaeological study. Number of Aboriginal sites and Aboriginal objects found is 57
This information is not guaranteed to be free from error omission. Office of Environment and Heritage (NSW) and its employees disclaim liability for any act done or omission made on the information and consequences of such acts or omission.

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
26-3-0023	GC-ST-17;Girilambone Copper Mine;	AGD	55	486390	6545590	Open site	Valid	Modified Tree (Carved or Scarred) ;	Scarred Tree	
AHIMS Web Services (AWS) Extensive search - Site list report										
Your Ref Number : A01B Client Service ID : 81416										
26-3-0024	Contact GC-ST-18;Girilambone Copper Mine;	AGD	55	486390	6545590	Open site	Valid	Modified Tree (Carved or Scarred) ;	Scarred Tree	
26-3-0025	Contact GC-ST-19;Girilambone Copper Mine;	AGD	55	486390	6545470	Open site	Valid	Modified Tree (Carved or Scarred) ;	Scarred Tree	
26-3-0026	Contact GC-ST-20;Girilambone Copper Mine;	AGD	55	486680	6545530	Open site	Valid	Modified Tree (Carved or Scarred) ;	Scarred Tree	
26-3-0027	Contact GC-CT/ST-20;Girilambone Copper Mine;	AGD	55	486650	6545500	Open site	Valid	Modified Tree (Carved or Scarred) ;	Carved Tree, Scarred Tree	
26-3-0028	Contact GC-CT/ST-22;Girilambone Copper Mine;	AGD	55	486650	6545500	Open site	Valid	Modified Tree (Carved or Scarred) ;	Carved Tree, Scarred Tree	
26-3-0029	Contact GC-ST-23;Girilambone Copper Mine;	AGD	55	487690	6545180	Open site	Valid	Modified Tree (Carved or Scarred) ;	Scarred Tree	
26-3-0030	Contact GC-ST-24;Girilambone Copper Mine;	AGD	55	487700	6545510	Open site	Valid	Modified Tree (Carved or Scarred) ;	Scarred Tree	
26-3-0031	Contact GC-ST-25;Girilambone Copper Mine;	AGD	55	485990	6545590	Open site	Valid	Modified Tree (Carved or Scarred) ;	Scarred Tree	
26-3-0031	Contact Central West Archaeological and Heritage Services Pty Ltd							Permits		

Report generated by AHIMS Web Service on 26/09/2012 for Gerard Niemoeller for the following area at Datum GDA, Zone : 55, Eastings : 478000 - 4888000, Northings : 6545000 - 6555000 with a Buffer of 0 meters. Additional Info : Used to provide context for archaeological study. Number of Aboriginal sites and Aboriginal objects found is 57
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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
26-3-0032	GC-ST-26;Girilambone Copper Mine;	AGD	55	485760	6546080	Open site	Valid	Modified Tree (Carved or Scarred) :	Scarred Tree	
26-3-0033	Contact GC-ST-27;Girilambone Copper Mine;	Recorders AGD	55	484900	6545900	Open site	Valid	Modified Tree (Carved or Scarred) :	Scarred Tree	Permits
26-3-0034	Contact GC-OS-1;Girilambone Copper Mine;	Recorders AGD	55	484760	6548100	Open site	Valid	Artefact : -	Open Camp Site	Permits
26-3-0065	Contact GM-HS-26_(Hearth);Girilambone Copper Mine;	Recorders AGD	55	486680	6545530	Open site	Valid	Earth Mound : - Hearth : -	Mound (Oven)	Permits
26-3-0066	Contact GM-HS-27_(Hearth);Girilambone Copper Mine;	Recorders AGD	55	484630	6547340	Open site	Valid	Earth Mound : - Hearth : -	Mound (Oven)	Permits
26-3-0011	Contact GC-ST-7;Girilambone Copper Mine;	Recorders AGD	55	485780	6544830	Open site	Valid	Modified Tree (Carved or Scarred) :	Scarred Tree	Permits
26-3-0012	Contact GC-ST-6;Girilambone Copper Mine;	Recorders AGD	55	485780	6544830	Open site	Valid	Modified Tree (Carved or Scarred) :	Scarred Tree	Permits
26-3-0013	Contact GC-ST-8;Girilambone Copper Mine;	Recorders AGD	55	486150	6545810	Open site	Valid	Modified Tree (Carved or Scarred) :	Scarred Tree	Permits
26-3-0014	Contact GC-ST-10;Girilambone Copper Mine;	Recorders AGD	55	485930	6546000	Open site	Valid	Modified Tree (Carved or Scarred) :	Scarred Tree	Permits
26-3-0016	Contact GC-ST-9;Girilambone Copper Mine;	Recorders AGD	55	485930	6546000	Open site	Valid	Modified Tree (Carved or Scarred) :	Scarred Tree	Permits
26-3-0119	Contact GC-OS-1	Recorders AGD	55	484760	6548100	Open site	Valid	Artefact : 1		Permits

Report generated by AHIMS Web Service on 26/09/2012 for Gerard Niemoeller for the following area at Datum :GDA, Zone : 55, Eastings : 478000 - 488000, Northings : 6545000 - 6555000 with a Buffer of 0 meters. Additional Info : Used to provide context for archaeological study. Number of Aboriginal sites and Aboriginal objects found is 57
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AHIMS Web Services (AWS)
Extensive search - Site list report

Your Ref Number : A01B
Client Service ID : 81416

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteTypes	Reports
26-3-0144	<u>Contact</u> GC-HS-26	<u>Recorders</u> AGD	Central West Archaeological and Heritage Services Pty Ltd	55 486680	6545530	Open site	Valid	Hearth : 1	<u>Permits</u>
26-3-0145	<u>Contact</u> GC-HS-27	<u>Recorders</u> AGD	Central West Archaeological and Heritage Services Pty Ltd	55 484630	6547340	Open site	Valid	Hearth : 1	<u>Permits</u>
26-3-0146	<u>Contact</u> GC-HS-28	<u>Recorders</u> AGD	Central West Archaeological and Heritage Services Pty Ltd	55 484710	6547330	Open site	Valid	Hearth : 1	<u>Permits</u>
26-3-0147	<u>Contact</u> GC-HS-29	<u>Recorders</u> AGD	Central West Archaeological and Heritage Services Pty Ltd	55 484680	6547340	Open site	Valid	Hearth : 1	<u>Permits</u>
26-3-0149	<u>Contact</u> GC-OS-HS-1	<u>Recorders</u> AGD	Central West Archaeological and Heritage Services Pty Ltd	55 484760	6548100	Open site	Valid	Hearth : 1	<u>Permits</u>
26-3-0155	<u>Contact</u> GC-ST-6	<u>Recorders</u> AGD	Central West Archaeological and Heritage Services Pty Ltd	55 485780	6544830	Open site	Valid	Modified Tree (Carved or Scarred) : 1	<u>Permits</u>
26-3-0156	<u>Contact</u> GC-ST-7	<u>Recorders</u> AGD	Central West Archaeological and Heritage Services Pty Ltd	55 485780	6544830	Open site	Valid	Modified Tree (Carved or Scarred) : 1	<u>Permits</u>
26-3-0157	<u>Contact</u> GC-ST-8	<u>Recorders</u> AGD	Central West Archaeological and Heritage Services Pty Ltd	55 486150	6545180	Open site	Valid	Modified Tree (Carved or Scarred) : 1	<u>Permits</u>
26-3-0158	<u>Contact</u> GC-ST-9	<u>Recorders</u> AGD	Central West Archaeological and Heritage Services Pty Ltd	55 485930	6546000	Open site	Valid	Modified Tree (Carved or Scarred) : 1	<u>Permits</u>
26-3-0159	<u>Contact</u> GC-ST-10	<u>Recorders</u> AGD	Central West Archaeological and Heritage Services Pty Ltd	55 485930	6546000	Open site	Valid	Modified Tree (Carved or Scarred) : 1	<u>Permits</u>
26-3-0160	<u>Contact</u> GC-ST-11	<u>Recorders</u> AGD	Central West Archaeological and Heritage Services Pty Ltd	55 485880	6545950	Open site	Valid	Modified Tree (Carved or Scarred) : 1	<u>Permits</u>
	<u>Contact</u>	<u>Recorders</u>	Central West Archaeological and Heritage Services Pty Ltd						<u>Permits</u>

Report generated by AHIMS Web Service on 26/09/2012 for Gerard Niemoeller for the following area at Datum: GDA, Zone: 55, Eastings: 478000 - 4888000, Northings: 6545000 - 6555000 with a Buffer of 0 meters. Additional Info: Used to provide context for archaeological study. Number of Aboriginal sites and Aboriginal objects found is 57
This information is not guaranteed to be free from error or omission. Office of Environment and Heritage (NSW) and its employees disclaim liability for any act done or omission made on the information and consequences of such acts or omission.

Your Ref Number : A018
Client Service ID : 81416

AHIMS Web Services (AWS)
Extensive search - Site list report



SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
26-3-0161	GC-ST-12	AGD	55	485880	6545950	Open site	Valid	Modified Tree (Carved or Scarred) : 1		
	Contact									
26-3-0162	GC-T-13	AGD	55	485960	6546010	Open site	Valid	Modified Tree (Carved or Scarred) : 1		
	Contact									
26-3-0163	GC-ST-14	AGD	55	485960	6546010	Open site	Valid	Modified Tree (Carved or Scarred) : 1		
	Contact									
26-3-0164	GC-ST-15	AGD	55	485960	6546010	Open site	Valid	Modified Tree (Carved or Scarred) : 1		
	Contact									
26-3-0165	GC-ST-16	AGD	55	485930	6545730	Open site	Valid	Modified Tree (Carved or Scarred) : 1		
	Contact									
26-3-0166	GC-ST-17	AGD	55	486390	6545590	Open site	Valid	Modified Tree (Carved or Scarred) : 1		
	Contact									
	Contact			Cathy Kaiman						
26-3-0167	GC-ST-18	AGD	55	486390	6545590	Open site	Valid	Modified Tree (Carved or Scarred) : 1		
	Contact									
26-3-0168	GC-ST-19	AGD	55	486390	6545470	Open site	Valid	Modified Tree (Carved or Scarred) : 1		
	Contact									
26-3-0169	GC-ST-20	AGD	55	486680	6545530	Open site	Valid	Modified Tree (Carved or Scarred) : 1		
	Contact									

Report generated by AHIMS Web Service on 26/09/2012 for Gerard Niemoeller for the following area at Datum :GDA, Zone : 55, Eastings : 478000 - 488000, Northings : 6545000 - 6555000 with a Buffer of 0 meters. Additional Info : Used to provide context for archaeological study. Number of Aboriginal sites and Aboriginal objects found is 57
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AHIMS Web Services (AWS)
Extensive search - Site list report

Your Ref Number : A01B
Client Service ID : 81416

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteTypes	Reports
26-3-0170	GC-CT/ST-21	AGD	55	486650	6545500	Open site	Valid	Modified Tree (Carved or Scarred) : 1	Permits
26-3-0171	GC-CT/ST-22	AGD	55	486650	6545500	Open site	Valid	Modified Tree (Carved or Scarred) : 1	Permits
26-3-0173	GC-ST-24	AGD	55	487700	6545510	Open site	Valid	Modified Tree (Carved or Scarred) : 1	Permits
26-3-0174	GC-ST-25	AGD	55	485990	6545590	Open site	Valid	Modified Tree (Carved or Scarred) : 1	Permits
26-3-0175	GC-ST-26	AGD	55	485760	6546080	Open site	Valid	Modified Tree (Carved or Scarred) : 1	Permits
26-3-0176	GC-ST-27	AGD	55	484900	6545900	Open site	Valid	Modified Tree (Carved or Scarred) : 1	Permits
26-3-0172	GC-ST-23	AGD	55	487690	6545180	Open site	Valid	Modified Tree (Carved or Scarred) : 1	Permits
	Contact								Permits

Report generated by AHIMS Web Service on 26/09/2012 for Gerard Niemoeller for the following area at Datum: GDA, Zone: 55, Eastings: 478000 - 4888000, Northings: 6545000 - 6555000 with a Buffer of 0 meters. Additional Info: Used to provide context for archaeological study. Number of Aboriginal sites and Aboriginal objects found is 57

This information is not guaranteed to be free from error or omission. Office of Environment and Heritage (NSW) and its employees disclaim liability for any act done or omission made on the information and consequences of such acts or omission.

New recording Additional info



National Parks and Wildlife Service

Box 1967, Murrumbidgee NSW 2220. Tel: (02) 585 6444
Standard Site Recording Form Revised 5/88



26-3-0070

1:250,000 map sheet: _____		NPWS Code
AMG Grid reference	250K <u>484760</u> ME 250K <u>6548100</u> mN	HEAD OFFICE USE ONLY:
Full reference - please include leading digit	25K <u>48</u> 25K <u>65</u>	NPWS Site no: <u>26-3-70</u>
Scale of map used for grid reference	<input type="checkbox"/> 25K, 50K (preferred) <input checked="" type="checkbox"/> 100K <input type="checkbox"/> 250K	Site types: <u>open Campsite.</u>
1:25K, 50K, 100K map name: <u>Coalabah 8235</u>		Accessioned by: _____ Date: _____
Site name: <u>GC-05/HS-1</u>	Locality/property name: <u>Gidilambone Coppo Mine</u>	Date entered by: <u>JK</u> Date: <u>5 APR 95</u>
NPWS District: <u>Coar</u>	Region: <u>Coarabralion</u>	Owner/Manager: <u>Gidilambone Coppo Co.</u>
Reason for investigation: <u>Arch. Survey - EIS</u>		Address: <u>P.O. Box 12</u> <u>Gidilambone</u>
Portion no:		Photos taken? <input checked="" type="checkbox"/> No
Parish: <u>Gidilambone</u>		How many attached? <u>4</u>
How to get to the site (refer to permanent features) give best approach to site eg from above, below, along cliff (Draw diagram on separate sheet): <u>From Booroomugga Rd, site is located approx 5.5km along main access track in N. East prospect, approx 50m from dam & spill.</u>		
Other sites in locality? <u>Yes</u>	Site Types include: <u>Open Artefact Scatters</u>	
Are sites in NPWS Register? <u>Yes</u>		
Have artefacts been removed from site? <u>No.</u>	When? _____	
By whom? _____	Deposited where? _____	
Is site important to local Aborigines? <u>Yes</u>		
Give contact(s) name(s) - address(es): <u>Daddy Waldon, Nyngan LALC</u>		
Contacted for this recording? <u>Yes</u>		
(Attach additional information separately) If not, why not? _____		
Verbal/written reference sources (including full title of accompanying report): <u>Arch. Survey of Gidilambone</u>		NPWS Report Catalogue #
<u>Coppo Mine, N. East Prospect</u>		
Checklist: surface visibility, damage/disturbance, threat to site	Condition of site: <u>Too Disturbed - Eroded</u>	
Recommendations for management & protection (attach separate sheet if necessary): <u>As per Report</u>		
Site recorded by: <u>J. Kolton</u>	Date: <u>16/12/1994</u>	
Address/institution: <u>Coar</u>		

SITE POSITION & ENVIRONMENT		OFFICE USE ONLY: NPWS site no:
1. Land form a beach/hill slope/ridge top, etc: <i>Slope</i>		b site aspect: <i>East</i> c. slope: <i><10°</i>
d mark on diagram provided or on your own sketch the position of the site:		e Describe briefly:
1. Local rock type: <i>Quartzite/ Shale</i>	g Land use/ effect: <i>Grazing / Mowing</i>	
2. Distance from drinking water: <i>20 km</i>	Source: <i>Boyan River</i>	
3. Resource Zone associated with site (estuarine, riverine, forest etc): <i>Open Woodland</i>		
4. Vegetation: <i>Euc. Dry sclerophyll</i>		
5. Edible plants noted:		
6. Faunal resources (include shellfish):		
7. Other exploitable resources (river pebbles, ocrve, etc):		
<p>Site type: <i>Heath Site</i> <i>(Tomite Nost)</i></p> <p>CHECKLIST TO HELP length, width, depth, height of site, shelter, deposit, structure element eg tree scar, grooves in rock. DEPOSIT colour, texture, estimated depth, stratigraphy, contents-shell, bone stone, charcoal, density & distribution of these, stone types, artefact types. ART area of surface decorated, motifs, colours, wet, dry pigment technique of engraving, no. of figures, sizes, permanence. BURIALS number & condition of bone, position, age, sex, associated artefacts. TREES number, alive, dead, likely age, scar shape, position, size, patterns, axe marks, regrowth. QUARRIES rock type, debris, recognisable artefacts, percentage quarried. OTHER SITES eg structures (fish traps, stone arrow points, bone rings, mallee), mythological sites, rock holes, engraved grooves, channels, contact sites (masons' massacrés, cemeteries) as appropriate.</p>	<p>DESCRIPTION OF SITE & CONTENTS. Note state of preservation of site & contents. Do NOT dig, disturb, damage site or contents.</p> <p style="text-align: center;">As per annotated sheet</p> <p style="text-align: center;">PART OF OPEN TANK FACE Scatter L110 EG-05-1</p> <p>Attach sketches etc. eg. plan & section of shelter, show relation between site contents. Indicate north, show scale. Attach annotated photos (stereo where useful) showing scale, particularly for art sites.</p>	

New recording Additional info



National Parks and Wildlife Service

Box 1987, Hurstville NSW 2220. Tel: (02) 595 6444
Standard Site Recording Form Revised 5.88



26-3-0071

1:250,000 map sheet: _____ NPWS Code: _____		HEAD OFFICE USE ONLY:														
AMG Grid reference <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>4</td><td>8</td><td>4</td><td>7</td><td>6</td><td>0</td></tr></table> mE <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>6</td><td>5</td><td>4</td><td>8</td><td>1</td><td>0</td><td>0</td></tr></table> mN		4	8	4	7	6	0	6	5	4	8	1	0	0	NPWS Site no: <u>26-3-71</u>	
4	8	4	7	6	0											
6	5	4	8	1	0	0										
Scale of map used for grid reference: <input type="checkbox"/> 25K, 50K (preferred) <input checked="" type="checkbox"/> 100K <input type="checkbox"/> 250K		Site types: <u>Open Camp Site</u>														
1:25K, 50K, 100K map name: <u>Coalabah 8235</u>		Accessioned by: _____ Date: _____														
Site name: <u>GC-05-1/HS-2</u> Locality/property name: _____		Date entered by: <u>BK</u> Date: <u>5 APR 95</u>														
NPWS District: <u>Coabar</u> Region: <u>Coastal</u>		Owner/Manager: _____														
Reason for investigation: <u>Arch. Survey</u>																
Portion no: _____		Photos taken? <u>No</u>														
Parish: <u>Girdlamona</u>		How many attached? _____														
How to get to the site (refer to permanent features, give best approach to site eg from above, below, along dirt) (Draw diagram on separate sheet) <u>As per OS-1</u>																
Other sites in locality? <u>Yes</u>		Site Types include: <u>Open Artefact Scatter</u>														
Are sites in NPWS Register? <u>Yes</u>																
Have artefacts been removed from site? <u>No</u>		When? _____														
By whom? _____		Deposited where? _____														
Is site important to local Aborigines? <u>Yes</u>																
Give contact(s) name(s) + address(es): <u>Buddy Weldon, Nyngon LALC</u>																
Contacted for this recording? <u>Yes</u>																
(Attach additional information separately) if not, why not? _____																
Verbal/written reference sources (including full title of accompanying report): <u>Coppal Mine, N. East Prospect</u> <u>Arch. Survey of Girdlamona</u> <small>NPWS Report</small>																
Checklist: surface visibility damage/disturbance threat to site	Condition of site: <u>Eroded.</u>															
Recommendations for management & protection (attach separate sheet if necessary) <u>As Per Report</u>																
Site recorded by: <u>J. Kelton</u>		Date: <u>16/12/1994</u>														
Address/institution: <u>CoWRA</u>																


SITE POSITION & ENVIRONMENT		OFFICE USE ONLY: NPWS site no
1. Land form a. beach/hill slope/ridge top, etc: <i>Lowest Slope</i>		b. site aspect: <i>East</i> c. slope: <i><5°</i>
d. mark on diagram provided or on your own sketch the position of the site:		e. Describe briefly
f. Local rock type: <i>Quartzite/slab</i>	g. Land use/effect: <i>Grazing/Mining</i>	
2. Distance from drinking water: <i>20 km</i>		Source: <i>Bogan River</i>
3. Resource Zone associated with site (astuarine, riverine, forest etc): <i>Open Woodland</i>		
4. Vegetation: <i>Low dry sclerophyll</i>		
5. Edible plants noted		
6. Faunal resources (include shellfish)		
7. Other exploitable resources (river pebbles, ochre, etc)		
Site type <i>Hearth Site</i> <i>(Termite Nest)</i> CHECKLIST TO HELP: length, width, depth, height of site, shelter, deposit, structure, element eg. tree scar, groove in rock. DEPOSIT colour, texture, estimated depth, stratigraphy, contents-shell, bone, stone, charcoal, density & distribution of these, stone types, artefact types. ART area of surface decorated, motifs colours wet, dry pigment, technique of engraving, no. of figures, sizes, palaeon. BURIALS number & condition of bone, position, age, sex, associated artefacts TREES number, alive, dead, likely age, scar shape, position, size patterns, axe marks, regrowth QUARRIES rock type, debris, recognisable artefacts, percentage quarried. OTHER SITES EG. structures (fish traps, stone arrangements, boulder mounds, rock mounds, mythological sites, rock holes, engraved grooves channels, contact sites (massive massacres cemeteries) as appropriate	DESCRIPTION OF SITE & CONTENTS. Note state of preservation of site & contents. Do NOT dig, disturb, damage site or contents. <p style="text-align: center;"><i>Tamite Point Hearth Site</i> <i>Associated with Open Artefact Scatter Site</i></p> <p style="text-align: center;"><i>LL-05-1</i></p>	
		Attach sketches etc, eg. plan & section of shelter, show relation between site contents, indicate north, show scale. Attach annotated photos (stereo where useful) showing scale, particularly for art sites.

New recording Additional info



National Parks and Wildlife Service

Box 1967, Hurstville NSW 2220. Tel: (02) 585 6444
Standard Site Recording Form Revised 5/88

1:250,000 map sheet: _____ NPWS Code _____		HEAD OFFICE USE ONLY:	
AMG Grid reference 484760 ME 61548100 MN <small>Full reference - please include leading zeros</small>		NPWS Site no <u>26-3-24</u>	
Scale of map used for grid reference <input type="checkbox"/> 25K, 50K (preferred) <input checked="" type="checkbox"/> 100K <input type="checkbox"/> 250K <small>Please use largest scale available</small>		Site types: <u>open Campsite</u>	
1:25K, 50K, 100K map name: <u>Cookah 8235</u>		Accessioned by: _____ Date: _____	
Site name <u>GL-05-1</u> Locality/property name <u>Gidilambone Coppas Mine</u>		Date entered by: <u>RJS</u> Date: <u>5 APR 95</u>	
NPWS District <u>Colva</u> Region <u>Coonambreen</u>		Owner/Manager: <u>Gidilambone Coppas Mine</u>	
Reason for investigation <u>Arch Survey</u>		Address: <u>P.O. Box 12 Gidilambone</u>	
Portion no: _____		 26-3-0034	
Parish <u>Gidilambone</u>			
Photos taken? <u>Yes</u>		How many attached? <u>1</u>	
How to get to the site (refer to permanent features, give best approach to site eg from above, below, along call) <small>(Draw diagram on separate sheet)</small>			
<u>Site 5.4 km from Barramunga Rd. 2 N. East Prospect</u>			
<u>See Report for location.</u>			
Other sites in locality? <u>Yes</u>		Site types include: <u>Open Campsite Scatter</u>	
Are sites in NPWS Register? <u>Yes</u>			
Have artefacts been removed from site? <u>No</u>		When? _____	
By whom? _____		Deposited where? _____	
Is site important to local Aborigines? <u>Yes</u>			
Give contact(s) name(s) + address(es) <u>Buckley Walker, Nyngan LALC</u>			
Contacted for this recording? <u>Yes</u>			
<small>(Attach additional information separately) If not, why not?</small>			
Verbal/written reference sources (including full title of accompanying report) <u>Arch. Survey of Gidilambone Coppas Mine N/East extension</u>		NPWS Report Catalogue # _____	
Checklist Surface visibility Damage/disturbance Threat to site	Condition of site: <u>Exposed, low integrity</u> <u>Visible on exposed track</u>		
Recommendations for management & protection (attach separate sheet if necessary) <u>As Per Report</u>			
Site recorded by <u>J. Kellan</u>		Date: <u>16/12/1994</u>	
Address/institution: <u>CoWRA</u>			

SITE POSITION & ENVIRONMENT		OFFICE USE ONLY: NPWS site no.
1. Land form a beach/hill slope/ridge top, etc: <i>Lower Slope</i>		b site aspect: <i>East</i> c slope: <i>< 15°</i>
d mark on diagram provided or on your own sketch the position of the site		e. Describe briefly:
1 Local rock type: <i>Quartzite/Slate</i>	g. Land use/Effect: <i>Grazing / Mowing</i>	
2 Distance from drinking water: <i>20km</i>	Source: <i>Doyen / River</i>	
3 Resource Zone associated with site (estuarine, riverine, forest etc): <i>Open Woodland</i>		
4 Vegetation: <i>Cus. - Dry sclerophyll</i>		
5 Edible plants noted: _____		
6 Faunal resources (include shellfish): _____		
7 Other exploitable resources (river pebbles, ochre etc): _____		
Site type: <i>Open Aestuarine Scatter</i>	DESCRIPTION OF SITE & CONTENTS. Note state of preservation of site & contents. Do NOT dig, disturb, damage site or contents. <i>As Per Attached Sheets</i>	
<p>CHECKLIST TO HELP length, width, depth, height of site, shelter, deposit, structure, element eg tree scar, grooves in rock. DEPOSIT colour, texture, estimated depth, stratigraphy, contents and bone stone, charcoal, density & distribution of these, stone types, artefact types. ART area of surface decorated, motifs, colours wet, dry pigment, technique of engraving, no of figures, sizes, palmation BURIALS, number & condition of bone, position eg sex, associated artefacts. TREES number, alive, dead likely age, scar shape, position, size, patterns, axe marks regrowth. QUARRIES rock type, bone, recognisable artefacts, percentage quarried. OTHER SITES EG structures (fish traps, stone arrangements, bone rings, micelles), mythological sites, rock holes, engraved groove channels, contact sites (missions massacres cemeteries) as appropriate</p>		
Attach sketches etc. eg. plan & section of shelter, show relation between site contents, indicate north, show scale. Attach annotated photos (stereo where useful) showing scale, particularly for art sites.		

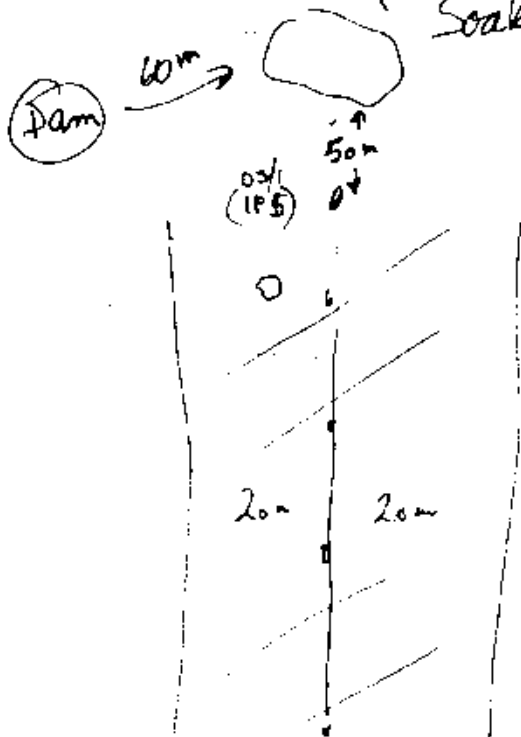
OS-1
 Site located 50 m south of soak
 along of mining grid line No's

Dimensions 200 m x 50 m

7 hearse sites average 75m dia
 > 30 quartz flakes

25

N	1	40 x 12 x 14	11	13 x 6 x 3	Flakes	
	2	28 x 26 x 10	12	10 x 9 x 7		
	3	28 x 15 x 8	13	16 x 4 x 2		
	4	27 x 8 x 10	14	10 x 7 x 3		
	5	18 x 10 x 8	15	12 x 8 x 4		
	6	22 x 13 x 6	16	9 x 9 x 5		
	7	20 x 12 x 3	17	8 x 7 x 3		non specific
	8	19 x 8 x 5	18	11 x 8 x 6		
	9	12 x 7 x 4	19	10 x 8 x 5		
	10	4 x 8 x 5	20	7 x 5 x 3		



Amesbury stone fragments


Sandstone/quartzite X 10

1	70 x 28 x 10
2	55 x 30 x 22
3	60 x 25 x 30
4	22 x 40 x 34
5	40 x 27 x 16
6	12 x 11 x 10
7	23 x 18 x 18/14
8	32 x 14 x 16
9	40 x 28 x 16/26
10	20 x 14 x 12

OS-1 Mangonut - Buffer Zone !!
ZF. 5 16-12

artefacts 250 metres along



(1) Hand ground stone / Volcanic / Pebble / Bifacial
- silica glass on f
- abrasion on edges
- negative scars - possibly for use as a hammer stone



60mm
78mm
flat side
78 X 60 X 40

(2) Broken quartzite pebble 48 X 30 X 30



(3) 23 X 15 X 7 yellow chert flake



23
15
48mm
30mm



New recording Additional info

 National Parks and Wildlife Service Box 1967, Hurstville NSW 2220, Tel: (02) 585 6444 Standard Site Recording Form Revised 5-88		 26-3-0119
1:250,000 map sheet: _____ NPWS Code _____		HEAD OFFICE USE ONLY: NPWS Site no: <u>26-3-0119</u>
AMG Grid reference Full reference - please include leading digits <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 2px;">484760</div> <div style="text-align: center;">mE</div> <div style="border: 1px solid black; padding: 2px;">6548100</div> <div style="text-align: center;">mN</div> </div>	Site types: Accessioned by: _____ Date: _____ Data entered by: _____ Date: _____	
Scale of map used for grid reference Please use largest scale available 1:25K, 50K, 100K map name: <u>Cookshah 8235</u>	Owner/Manager: <u>Gidilambone Copper Mine</u> Address: <u>P.O. Box 12, Gidilambone</u>	
Site name: <u>GL-OS-1</u>	Locality/property name: <u>Gidilambone Copper Mine</u>	
NPWS District: <u>Cobar</u>	Region: <u>Coonababran</u>	
Reason for investigation: <u>Arch Survey</u>		
Portion no: Parish: <u>Gidilambone</u>		
		Photos taken? <u>Yes</u> How many attached? <u>1</u>
How to get to the site (refer to permanent features - give best approach to site eg. from above, below, along cliff) (Draw diagram on separate sheet.) <u>Site 5.4 km from Booreraugga Rd. in N. East Prospect</u> <u>See Report for location.</u>		
Other sites in locality? <u>Yes</u> Are sites in NPWS Register? <u>Yes</u>	Site Types include: <u>Open Artifact Scatter</u>	
Have artefacts been removed from site? <u>No</u> By whom? _____	When? _____ Deposited where? _____	
Is site important to local Aborigines? <u>Yes</u> Give contact(s) name(s) + address(es): <u>Buddy Kellon, Myranga 2422.</u>		
Contacted for this recording? <u>Yes</u> (Attach additional information separately if not, why not?)		
Verbal/written reference sources (including full title of accompanying report): <u>Arch. Survey of Gidilambone Copper Mine N/East extension.</u>		NPWS Report Catalogue # _____
Checklist: surface visibility, damage/disturbance/ threat to site	Condition of site: <u>Exposed, low integrity</u> <u>Visible on exposed track.</u>	
Recommendations for management & protection (attach separate sheet if necessary): <u>As Per Report</u>		
Site recorded by: Address/institution: <u>J. Kellon</u> <u>CowRA</u>	Date: <u>16/12/1994</u>	

New recording Additional info



National Parks and Wildlife Service

Box 1967, Hurstville NSW 2220. Tel: (62) 585 6444
Standard Site Recording Form Revised 5/88




One Site: 26-3-0149

1:250,000 map sheet: _____ NPWS Code _____		HEAD OFFICE USE ONLY:																											
AMG Grid reference: <table border="1"> <tr> <td>4</td><td>8</td><td>4</td><td>7</td><td>6</td><td>0</td> <td>mE</td> <td>6</td><td>5</td><td>4</td><td>8</td><td>1</td><td>0</td> <td>mN</td> </tr> <tr> <td colspan="3">25K</td> <td colspan="3">50K</td> <td colspan="3">25K</td> <td colspan="3"></td> </tr> </table>		4	8	4	7	6	0	mE	6	5	4	8	1	0	mN	25K			50K			25K						NPWS Site no: GC-05-NS-1 GC-05-NS-1 (26-3-0149)	
4	8	4	7	6	0	mE	6	5	4	8	1	0	mN																
25K			50K			25K																							
Scale of map used for grid reference: <input type="checkbox"/> 25K, 50K (preferred), <input checked="" type="checkbox"/> 100K, <input type="checkbox"/> 250K Please use largest scale available		Site types: _____ Accessed by: _____ Date: _____ Data entered by: _____ Date: _____																											
1:25K, 50K, 100K map name: <u>Coalabah 8235</u>		Owner/Manager: <u>Girilambone Copper Co.</u> Address: <u>P.O. Box 12 Girilambone</u>																											
Site name: <u>GC-05/NS-1</u>		Locality/property name: <u>Girilambone Copper Mine</u>																											
NPWS District: <u>Colas</u>		Region: <u>Comabarabran</u>																											
Reason for investigation: <u>Arch. Survey - EIS</u>																													
Portion no: _____ Parish: <u>Girilambone</u>		Photos taken? <input checked="" type="checkbox"/> No How many attached? <u>4</u>																											
*How to get to the site (refer to permanent features, give best approach to site, from above, below, along etc) (Draw diagram on separate sheet) <u>From Booroomugga Rd, site is located approx 5.5km along main access track - N-East prospect, approx 50m from dam & spa k.</u>																													
Other sites in locality? <u>Yes</u> Are sites in NPWS Register? <u>No</u>		Site Types include: <u>Open Antefact Scatter</u>																											
Have artefacts been removed from site? <u>No.</u> By whom? _____		When? _____ Deposited where? _____																											
Is site important to local Aborigines? <u>Yes</u> Give contact(s) name(s) + address(es): <u>Buddy Waldon, Nyngan LALC</u>		Contacted for this recording? <u>Yes</u> (Attach additional information separately if not, why not?)																											
Verbal/written reference sources (including full title of accompanying report): <u>Copper Mine, N. East Prospect</u>		NPWS Report Catalogue #: <u>Arch. Survey of Girilambone</u>																											
Checks: surface visibility, damage/disturbance, threat to site		Condition of site: <u>Too Disturbed - Eroded</u>																											
Recommendations for management & protection (attach separate sheet if necessary): <u>As As Report</u>																													
Site recorded by: <u>J. Kelton</u> Address/institution: <u>Course</u>		Date: <u>16/12/1994</u>																											

SITE POSITION & ENVIRONMENT		OFFICE USE ONLY: NPWS site no:
1. Land form ■ beach/hill slope/ridge top, etc: <i>Slope</i>		b. site aspect: <i>East</i> c. slope: <i>10°</i>
d. mark on diagram provided or on your own sketch the position of the site:		e. Describe briefly:
1. Local rock type: <i>Quartzite/ Shale</i>	g. Land use/effect: <i>Grazing / Mining</i>	
2. Distance from drinking water: <i>20 km</i>	Source: <i>Dogan River</i>	
3. Resource Zone associated with site (estuarine, riverine, forest etc): <i>Open Woodland</i>		
4. Vegetation: <i>Euc. Dry sclerophyll</i>		
5. Edible plants noted: -		
6. Faunal resources (include shellfish): -		
7. Other exploitable resources (river pebbles, ochre, etc): -		
<p>Site type: <i>Hearth Site</i> <i>(Kamite Nost)</i></p> <p>CHECKLIST TO HELP: length, width, depth, height of site, shelter, deposit, structure, element eg. tree scar, grooves in rock. DEPOSIT colour, texture, estimated depth, stratigraphy, contents-shell, bone, stone, charcoal, density & distribution of these, stone types artefact types. ART area of surface decorated, motifs, colours wet, dry pigment, technique of engraving, no of figures, sizes, patination. BURIALS number & condition of bone, position, age, sex, associated artefacts. TREES number, alive, dead, likely age, scar shape, position, size, patterns, are marks, regrowth. QUARRIES rock type, debris, recognisable artefacts, percentage quarried. OTHER SITES EG. structures (fish traps, stone arrangements, bone rings, ma mias), mythological sites, rock holes, engraved grooves channels, contact sites (massons massacres, cemeteries) as appropriate</p>	<p>DESCRIPTION OF SITE & CONTENTS. Note state of preservation of site & contents. Do NOT dig, disturb, damage site or contents.</p> <p style="text-align: center;"><i>As per attached sheet</i></p> <p style="text-align: center;"><i>PART OF OPEN WOODLAND</i></p> <p style="text-align: center;"><i>Scattered</i></p> <p style="text-align: center;"><i>EG 02-1</i></p> <p>Attach sketches etc, eg. plan & section of sneller, show relation between site contents, indicate north, show scale. Attach annotated photos (stereo where useful) showing scale, particularly for art sites.</p>	

New recording Additional Info

 National Parks and Wildlife Service Box 1967, Hurstville NSW 2220. Tel: (02) 585 6444 Standard Site Recording Form Revised 5/88	
NPWS Code	
1:250,000 map sheet: _____	HEAD OFFICE USE ONLY:
AMG Grid reference Full reference - please include casing digits Scale of map used for grid reference Please use largest scale available 1:25K, 50K, 100K, 250K (preferred)	NPWS Site no: _____ Site types: _____ Accessed by: _____ Date: _____ Date entered by: _____ Date: _____ Owner/Manager _____ Access _____
250K 250K 484760 mE 6548100 mN 25K 25K 50K 1:25K, 50K, 100K map name: <u>Coolabah 8235</u>	
Site name: <u>GC-05-1/H5-2</u>	Locality/property name: _____
NPWS District: <u>Cobar</u>	Region: <u>Coonaburran</u>
Reason for investigation: <u>Arch. Survey</u>	
Portion no _____ Parish: <u>Gridlambo</u>	Photos taken? <u>No</u> How many attached? _____
How to get to the site (refer to permanent features - give best approach to site eg from above, below, along etc) (Draw diagram on separate sheet) <u>As Per OS-1</u>	
Other sites in locality? <u>Yes</u> Are sites in NPWS Register? <u>Yes</u>	Site types include: <u>Open Artefact Scatter</u>
Have artefacts been removed from site? <u>No</u> By whom? _____	When? _____ Deposited where? _____
Is site important to local Aborigines? <u>Yes</u> Give contact(s) name(s) + addresses: <u>Buddy Weldon, Nyngon LABC</u>	
Contacted for this recording? <u>Yes</u> (Attach additional information separately if not, why not?)	
Verbal/written reference sources (including full title of accompanying report) <u>Copper Mine, N. East Prospect</u>	<u>Arch. Survey of Gridlambo</u> NPWS Report
Checklist surface visibility, damage/disturbance/ threat to site	Condition of site: <u>Eroded.</u>
Recommendations for management & protection (attach separate sheet if necessary) <u>As Per Report</u>	
Site recorded by: <u>J. Ketton</u> Address/institution: <u>COwRA</u>	Date: <u>16/12/1994</u>

SITE POSITION & ENVIRONMENT		OFFICE USE ONLY: NPWS site no:
1. Land form a beach/riii slope/ridge top, etc: <i>Lower Slope</i>		b. site aspect <i>East</i> c. slope: <i>45°</i>
d. mark on diagram provided or on your own sketch the position of the site:		e. Describe briefly:
1. Local rock type: <i>Quartzite/slate</i>	g. Land use/effect: <i>Grazing/Mining</i>	
2. Distance from drinking water: <i>20 km</i>	Source: <i>Bogan River</i>	
3. Resource Zone associated with site (estuarine, riverine, forest etc): <i>Open Woodland</i>		
4. Vegetation: <i>Euc. dry sclerophyll</i>		
5. Edible plants noted:		
6. Faunal resources (include shellfish):		
7. Other exploitable resources (river pebbles, ochre, etc):		
Site type: <i>Hearth Site (Kamite Nest)</i>	DESCRIPTION OF SITE & CONTENTS. Note state of preservation of site & contents. Do NOT dig, disturb, damage site or contents.	
CHECKLIST TO HELP length, width, depth, height of site, shelter, deposit, structure, element eg. tree scar, grooves in rock. DEPOSIT colour, texture, estimated depth, stratigraphy, contents-shells, bone, stone charcoal density & distribution of these, stone types, artefact types. ART: area of surface decorated, motifs, colours, wet, dry pigment, technique of engraving, no. of figures, sizes, patination. BURIALS number & condition of bone, position, age, sex, associated artefacts. TREES number alive dead likely age, scar shape, position, size, pattern, axe marks, regrowth. QUARRIES rock type, scars, recognizable artefacts, percentage quarried. OTHER SITES eg structures (fish traps, stone arrangements, bone rings, mis (m)), mythological sites, rock holes, engraved groove channels, contact sites (mosses, m-sacrae cemeteries) as appropriate	<i>Tamite Nest Hearth Site</i> <i>Associated with Open Antepast Scatter Site</i> <i>LL-05-1</i>	
	Attach sketches etc. eg plan & section of shelter, show relation between site contents, indicate north, show scale Attach annotated photos (stereo where useful) showing scale, particularly for art sites.	

OS-1

- located 50 m south of soak
- along of mining grid line No's

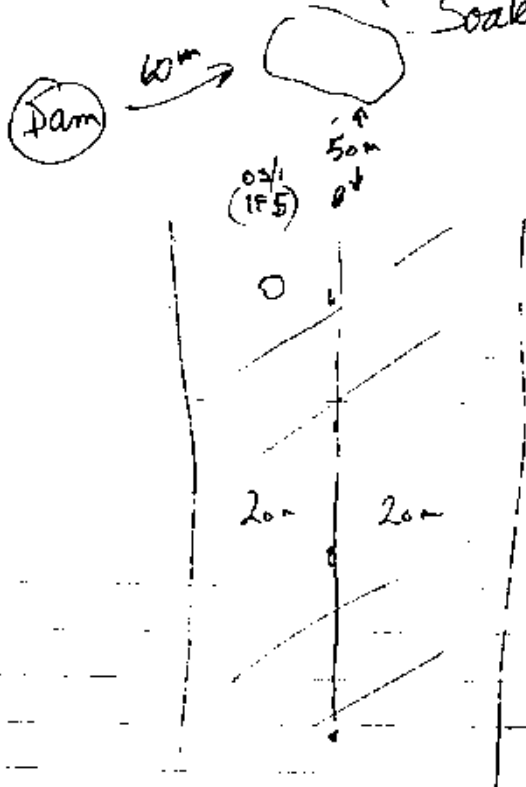
Dimensions 250 m x 50 m

7 heavy sites average 75 m dia
 > 20 quartz flakes

25

Flake #	Dimensions	Category
1	50 x 28 x 14	Flakes
2	38 x 26 x 10	
3	28 x 15 x 8	
4	27 x 8 x 10	
5	18 x 10 x 8	
6	22 x 13 x 6	
7	20 x 12 x 3	Key Specific
8	17 x 7 x 5	
9	12 x 7 x 4	
10	4 x 8 x 5	
11	13 x 6 x 3	Flakes
12	20 x 9 x 7	
13	18 x 4 x 2	
14	10 x 7 x 3	
15	15 x 8 x 4	
16	7 x 9 x 5	
17	8 x 7 x 3	
18	11 x 8 x 6	
19	10 x 8 x 5	
20	7 x 5 x 3	

Soak



Amorphous stone fragments

Sandstone/quartzite x 10

- 70 x 28 x 10
- 55 x 30 x 28
- 60 x 25 x 30
- 52 x 40 x 34
- 40 x 27 x 16
- 12 x 11 x 10
- 29 x 19 x 18/14
- 32 x 14 x 10
- 40 x 28 x 26
- ~~20 x 14 x 12~~

OS-1

Mangena - Duffel Joke

EF-5

16-12

artefacts 250 metres along
out 750

- (1) Hand ground stone / Volcanic / Pebble / Bifacial
- silica glass on f
 - abrasion on edges
 - negative scars - possibly for use as a hammer stone



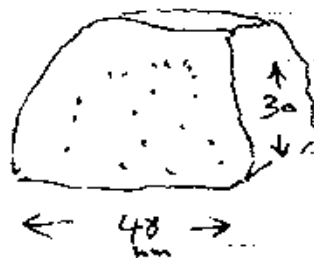
flat side

78 x 60 x 40

- (2) Broken - quartzite pebble

48 x 30 x 30

- (3) 28 x 15 x 7 yellow chert flake



New recording Additional info



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 Standard Site Recording Form Revised 5/88



26-3-0067

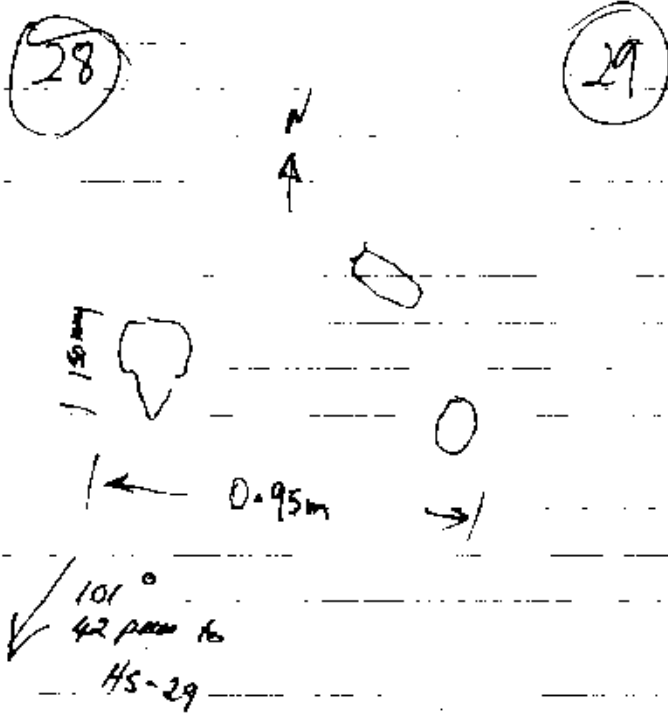
1:250,000 map sheet: _____		NPWS Code						
AMG Grid reference Full reference - please include leading digits	<table border="1"> <tr> <td>250K</td> <td>250K</td> </tr> <tr> <td>484710 mE</td> <td>6547330 mN</td> </tr> <tr> <td>25K</td> <td>25K</td> </tr> </table>	250K	250K	484710 mE	6547330 mN	25K	25K	HEAD OFFICE USE ONLY: NPWS Site no: <u>26-3-67</u> Site types <u>Open Camp Site</u> Accessed by: _____ Date: _____ Data entered by: <u>JK</u> Date: <u>5 APR 95</u> Owner/Manager: <u>Girilambone Copper Co.</u> Address: <u>P.O. Box 12 Girilambone</u>
250K	250K							
484710 mE	6547330 mN							
25K	25K							
Scale of map used for grid reference Please use largest scale available	<input type="checkbox"/> 25K, 50K (preferred) <input checked="" type="checkbox"/> 100K <input type="checkbox"/> 250K							
1:25K, 50K, 100K map name: <u>Coolabah 8235</u>								
Site name: <u>GC-45-28</u>	Locality/property name: <u>Girilambone Copper Mine - NORTH EAST PROSPECT</u>	Region: <u>Coonabarabran</u>						
NPWS District: <u>Cobar</u>								
Reason for investigation: <u>ARCH SURVEY.</u>								
Portion no:								
Parish: <u>Girilambone</u>		Photos taken? <u>yes</u> How many attached? <u>1</u>						
How to get to the site (refer to permanent features, give best approach to site eg from above, below, along drift (Draw diagram on separate sheet)) <u>Site located approx 5.4km north of Booroominna Rd on west side of main access track. Located with GPS - No Landmarks</u>								
Other sites in locality? <u>yes</u>	Site Types include: <u>open Scatter</u>							
Are sites in NPWS Register? <u>yes</u>								
Have artefacts been removed from site? <u>no</u>	When? _____	Deposited where? _____						
By whom? _____								
Is site important to local Aborigines? <u>Yes</u>								
Give contact(s) name(s) + address(es): <u>Buddy Weldon - Nyngan. LALC.</u>								
Contacted for this recording? <u>yes</u>								
(Attach additional information separately: if not, why not?)								
Verbal/written reference sources (including full title of accompanying report) <u>an archaeological Survey of Girilambone Copper Mine - North East Prospect Proposed Extension</u> NPWS Report Catalogue # _____								
Checklist: Surface visibility Damage/disturbance Threat to site	Condition of site: <u>Pool</u> <u>Eroded Scatter</u>							
Recommendations for management & protection (attach separate sheet if necessary): <u>As per Report.</u>								
Site recorded by: <u>J. KERTON</u>	Date: <u>16/12/94</u>							
Address/institution: <u>92 Darling St COWRA. 2796</u>								

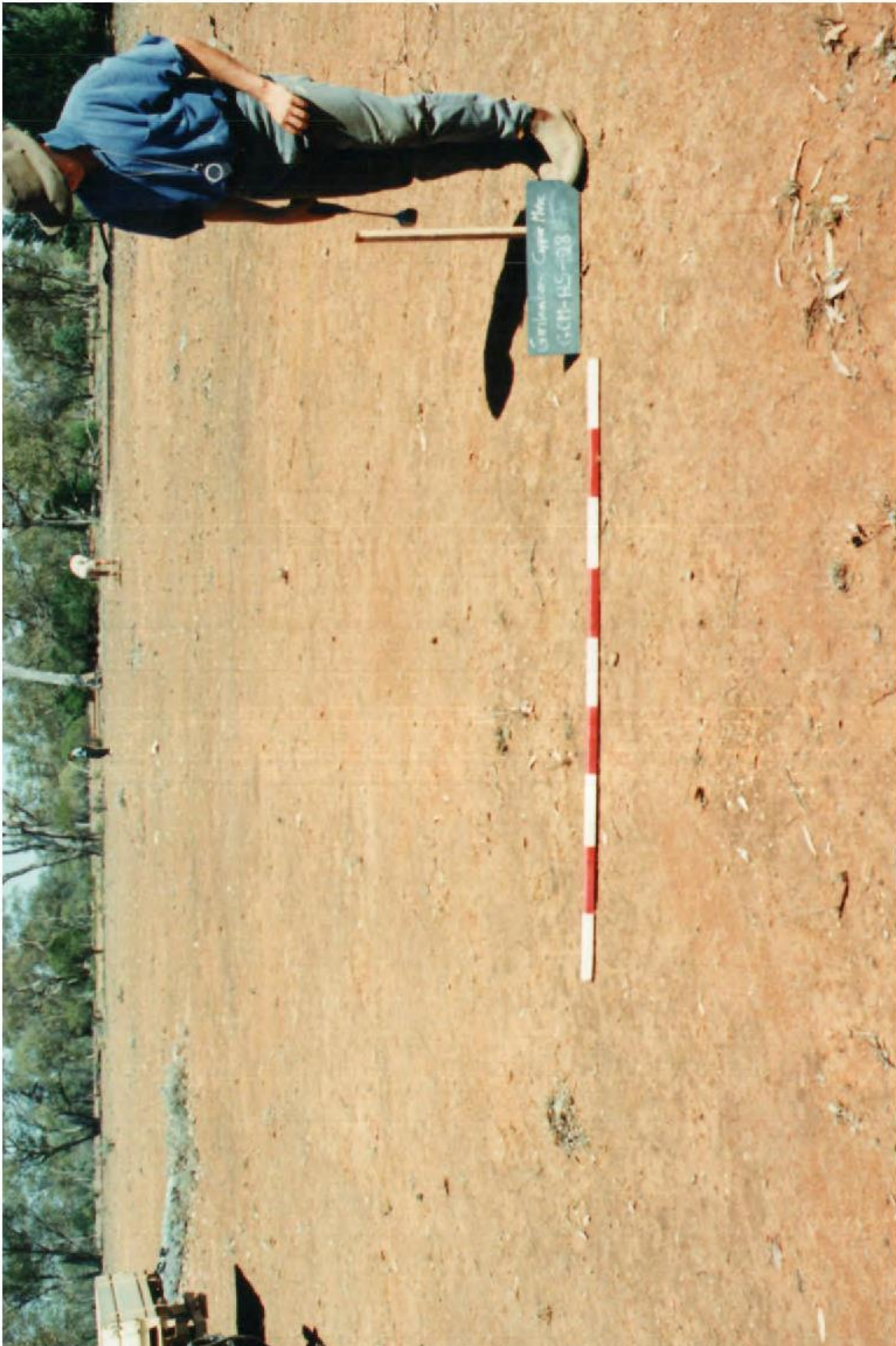
HS-28

16/12/04



- Ant Nest
- Pools
- Eroded / Scattered
- Ridge line = base ground.

26-3-67





New recording Additional info

 National Parks and Wildlife Service Box 1967, Hurstville NSW 2220. Tel (02) 585 6444 Standard Site Recording Form Revised 3/88		 26-3-0146
1:250,000 map sheet: _____ NPWS Code _____ AMG Grid reference: <u>484710</u> mE <u>6547330</u> mN Full reference - please include leading digits Scale of map used for grid reference: <input type="checkbox"/> 25K, <input checked="" type="checkbox"/> 50K (preferred), <input type="checkbox"/> 100K, <input type="checkbox"/> 250K Please use largest scale available 1:25K, 50K, 100K map name: <u>Coolabah 8235</u>		HEAD OFFICE USE ONLY: NPWS Site no: <u>26-3-0146</u> Site types _____ Accessed by: _____ Date: _____ Data entered by: _____ Date: _____ Owner/Manager: <u>Girilambone Copper Co.</u> Address: <u>P.O. Box 12</u>
Site name: <u>GG-45-22</u> Locality/property name: <u>Girilambone Copper mine - North East Prospect</u> NPWS District: <u>Cobar</u> Region: <u>Coonababran</u>		Reason for investigation: <p style="text-align: center;"><u>ARCH SURVEY.</u></p>
Portion no _____ Parish: <u>Girilambone</u>		Photos taken? <u>yes</u> How many attached? <u>1</u>
How to get to the site (refer to permanent features, give best approach to site eg from above, below, along creek (Draw diagram on separate sheet): <u>Site located approx 5.4km north of Booroomigga Rd on west side of main access track. Located with GPS - No Land marks</u>		
Other sites in locality? <u>yes</u> Site Types include: <u>Open Scatter</u> Are sites in NPWS Register? <u>yes</u>		
Have artefacts been removed from site? <u>no</u> When? _____ By whom? _____ Deposited where? _____		
Is site important to local Aborigines? <u>Yes</u> Give contact(s) name(s) + address(es): <u>Buddy Weldon - Nyngan. LALC.</u>		
Contacted for this recording? <u>yes</u> (Attach additional information separately) If not, why not?		
Verbal/written reference sources (including full title of accompanying report): <u>an archaeological Survey of Girilambone Copper Mine - North East Prospect Proposed Extension</u> NPWS Report Catalogue # _____		
Checklist: surface visibility: damage/disturbance: threat to site	Condition of site: <u>Poor</u> <u>Erased & scattered</u>	
Recommendations for management & protection (attach separate sheet if necessary): <p style="text-align: center;"><u>As per Report.</u></p>		
Site recorded by: <u>J. KELTON</u> Address/institution: <u>92 Darling St</u> <u>Cowra. 2796</u>		Date: <u>16/12/94</u>

SITE POSITION & ENVIRONMENT		OFFICE USE ONLY. NPWS site no:
1. Land form: a. beach/hill slope/ridge top, etc: <i>Ridge Top</i>		b. site aspect: <i>360</i> c. slope: <i>25°</i>
d. mark on diagram provided or on your own sketch the position of the site:		e. Describe briefly: <i>Single hearth</i>
1. Local rock type: <i>Granite / Shale</i>	g. Land use/affect: <i>Grazing / Mining</i>	
2. Distance from drinking water: <i>20 km</i>	Source: <i>Bogen River</i>	
3. Resource Zone associated with site (estuarine, riverine, forest etc): <i>Open Woodland</i>		
4. Vegetation: <i>Euc. dry sclerophyll</i>		
5. Edible plants noted: <i>Yes</i>		
6. Faunal resources (include shellfish): <i>-</i>		
7. Other exportable resources (river pebbles, ochre, etc): <i>-</i>		
Site type <i>Hearth Site (Termite Nest)</i>	DESCRIPTION OF SITE & CONTENTS. Note state of preservation of site & contents. Do NOT dig, disturb, damage site or contents. <i>(As Per Attached Sheet)</i>	
<p>CHECKLIST TO HELP:</p> <p>length, width, depth, height of site, shelter, deposit, structure, element eg. ore scar, grooves in rock.</p> <p>DEPOSIT: colour, texture, estimated depth, stratigraphy, contents-shell, bone, stone, charcoal, density & distribution of these, stone types, artefact types</p> <p>ART: area of surface, decorated motifs, colours, wet, dry pigment, technique of engraving, no. of figures, sizes, patination</p> <p>BURIALS: number & condition of bone, position, age, sex, associated artefacts</p> <p>TREES: number, alive, dead, likely age, scar shape, position, size, patterns, axe marks, regrowth</p> <p>QUARRIES: rock type, debris, recognisable artefacts, percentage quarried.</p> <p>OTHER SITES EG structures (fish traps, stone arrangements, bone rings, mag mas), mythological sites, rock holes, engraved grooves, channels, contact sites (invasions, massacres, cemeteries) as appropriate</p>	<p>Attach sketches etc, eg. plan & section of shelter, show relation between site contents, indicate north, show scale.</p> <p>Attach annotated photos (stereo where useful) showing scale, particularly for art sites.</p>	

HS-28

16/12/04

- Ant Nest
- Pools
- Eroded / Scattered
- Ridge line = bare ground.

28

29



← 0.95m →

✓ 101°
42 paces to
HS-29

New recording Additional Info



National Parks and Wildlife Service

Box 1967, Hurstville NSW 2220. Tel: (02) 585 6444
Standard Site Recording Form Revised 5/88



26-3-0068

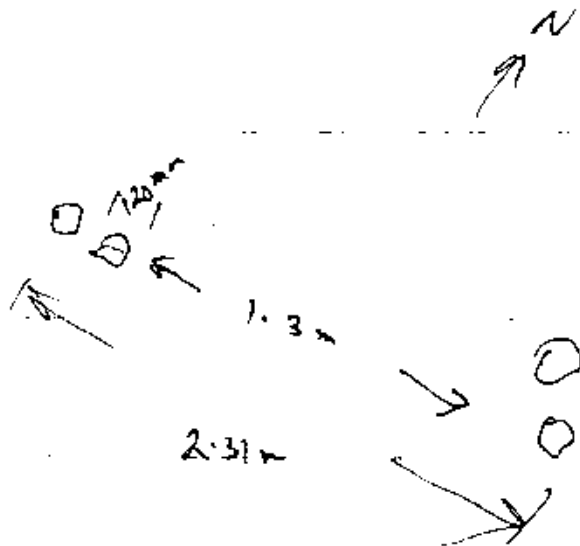
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AMG Grid reference <table border="1"> <tr> <td>484650</td> <td>mE</td> <td>6547340</td> <td>mN</td> </tr> <tr> <td>25K</td> <td>5K</td> <td>25K</td> <td></td> </tr> </table>		484650	mE	6547340	mN	25K	5K	25K		NPWS Site no: <u>26-3-68</u>	
484650	mE	6547340	mN								
25K	5K	25K									
Full reference - please include leading digits Scale of map used for grid reference <input type="checkbox"/> 25K, 50K (preferred) <input checked="" type="checkbox"/> 1:100K <input type="checkbox"/> 250K Please use largest scale available		Site types: <u>Open Camp Site</u> Accessed by: _____ Date: _____ Date entered by: <u>RS</u> Date: <u>5 APR 95</u>									
1:25K, 50K, 100K map name: <u>Coolabah 8235</u>		Owner/Manager: <u>Girilambone Copper Co.</u>									
Site name: <u>GC-H5-R9</u>		Address: <u>P.O. Box 12 Girilambone</u>									
NPWS District: <u>Cobar</u>		Locality/property name: <u>Girilambone Copper</u> Name: <u>North East Prospect</u> Region: <u>Coonabarabran</u>									
Reason for investigation: <u>ARCH SURVEY - EIS</u>											
Portion no. _____		Photos taken? <u>YES</u>									
Parish: <u>Girilambone</u>		How many attached? <u>1</u>									
How to get to the site (refer to permanent features, give best approach to site eg. from above, below, along creek) (Draw diagram on separate sheet): <u>Site located approx 5.3 km north of Booroomugga Rd on Western Side of main track - No Land markers - Located with GPS</u>											
Other sites in locality? <u>YES</u>		Site types include: <u>open Scatter</u>									
Are sites in NPWS Register? <u>yes</u>		Have artefacts been removed from site? <u>No</u>									
By whom? _____		When? _____									
Is site important to local Aborigines? <u>yes</u>		Deposited where? _____									
Give contact(s) name(s) + address(es): <u>Buddy Weldon, Nyngan, LALC.</u>											
Contacted for this recording? _____ (Attach additional information separately) (If not, why not?)											
Verbal/written reference sources (including full title of accompanying report): <u>An Archaeological Survey of Girilambone Copper Mine, North East Prospect Proposed Extension</u> NPWS Report Catalogue # _____											
Checklist: surface visibility damage/disturbance threat to site	Condition of site: <u>Poor</u> <u>Eroded</u>										
Recommendations for management & protection (attach separate sheet if necessary): <u>RS per Report</u>											
Site recorded by: <u>S. KRATON</u>		Date: <u>16/12/94</u>									
Address/institution: <u>92 DARLING ST COWRA 2794</u>											

26-3-68

HS-29

16/12



And Nest
Pours
Eroded



-2-31



New recording Additional Info

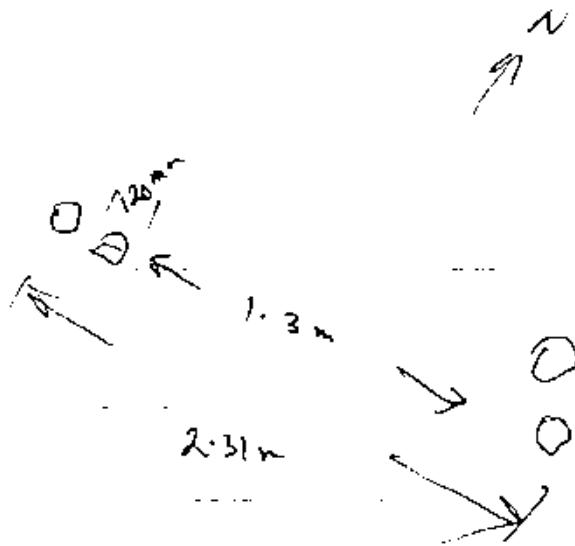
 National Parks and Wildlife Service Box 1967, Hurstville NSW 2220. Tel: (02) 565 6444 Standard Site Recording Form Revised 5/66		 26-3-0147						
1:250,000 map sheet: _____ NPWS Code _____		HEAD OFFICE USE ONLY: NPWS Site no: <u>26-3-0147</u>						
AMG Grid reference Full reference - please include leading zeros Scale of map used for grid reference Please use largest scale available 1:25K, 50K, 100K map name: <u>Coolabah 8235</u>	<table border="1"> <tr> <td>250K</td> <td>250K</td> </tr> <tr> <td>484680 mE</td> <td>6547340 mN</td> </tr> <tr> <td>25K</td> <td>25K</td> </tr> </table>	250K	250K	484680 mE	6547340 mN	25K	25K	Site types _____ Accessed by: _____ Date: _____ Data entered by: _____ Date: _____ Owner/Manager: <u>Girilambone Copper Co.</u>
250K	250K							
484680 mE	6547340 mN							
25K	25K							
Site name: <u>GC-HS-89.</u>	Locality/property name: <u>Girilambone Copper mine - North East Prospect.</u>	Address: <u>P.O. Box 12 Girilambone.</u>						
NPWS District: <u>Cobar</u>	Region: <u>Coonabarabran</u>							
Reason for investigation: <p style="text-align: center;"><u>ARCH SURVEY. EIS</u></p>								
Portion no. _____ Parish: <u>Girilambone</u>	Photos taken? <u>yes</u> How many attached? <u>1</u>							
How to get to the site (refer to permanent features, give best approach to site eg. from above/below/along/diagonal) (Draw diagram on separate sheet.) <u>Site located approx 5.3 km north of Booroomugga Rd on Western Side of main track. - No Land markers - Located with GPS</u>								
Other sites in locality? <u>yes</u> Are sites in NPWS Register? <u>yes</u>	Site Types include: <u>open Scatter</u>							
Have artefacts been removed from site? <u>No</u> By whom? _____ When? _____ Deposited where? _____								
Is site important to local Aborigines? <u>yes</u> Give contacts: names + addresses: <u>Buddy Weldon. Nyngan. LALC.</u>								
Contacted for this recording? _____ (Attach additional information separately) if not, why not? _____								
Verbal/written reference sources (including full title of accompanying report) <u>An Archaeological Survey of Girilambone Copper Mine, North East Prospect proposed Extension</u> NPWS Report Catalogue # _____								
Checklist surface visibility, damage/disturbance, threat to site	Condition of site: <u>Poor</u> <u>Eroded</u>							
Recommendations for management & protection (attach separate sheet if necessary) <p style="text-align: center;"><u>AS per Report</u></p>								
Site recorded by: <u>J. KELTON</u> Address/institution: <u>92 DARLING ST COWRA 2794</u>	Date: <u>16/12/94</u>							

SITE POSITION & ENVIRONMENT		OFFICE USE ONLY NPWS site no
1. Land form e.g. beach/hill slope/ridge top, etc: <i>Ridge</i>		b. site aspect <i>360°</i> c. slope <i><10°</i>
d. mark on diagram provided or on your own sketch the position of the site:		e. Describe briefly:
1. Local rock type <i>Quartzite/Shell</i>	g. Land use/effect. <i>Grazing/Mining</i>	
2. Distance from drinking water <i>20 km</i>	Source <i>Bogan River</i>	
3. Resource Zone associated with site (estuarine, riverine, forest etc): <i>Open Woodland</i>		
4. Vegetation <i>Euc. dry sclerophyll.</i>		
5. Edible plants noted: <i>Yes - Kurrumbidgee - Wild Orange</i>		
6. Faunal resources (include shellfish): <i>-</i>		
7. Other exploitable resources (river pebbles, ochre, etc): <i>-</i>		
Site type: <i>Hearth Site (Termite Nest)</i>	DESCRIPTION OF SITE & CONTENTS. Note state of preservation of site & contents. Do NOT dig, disturb, damage site or contents. <i>As per Attached Sheet</i>	
<p>CHECKLIST TO HELP: length, width, depth, height of site, shelter, deposit, structure, elements eg. tree scar, grooves in rock. DEPOSIT: colour, texture, estimated depth, stratigraphy, contents-shell, bone stone, charcoal, density & distribution of items, stone types, artefact types ART: area of surface decorated, motifs, colours, wet dry pigment, technique of engraving, no. of figures, sizes, patination. BURIALS: number & condition of bone, position, age, sex associated artefacts. TREES: number, alive dead, likely age, scar shape, position, size, patterns, axe marks, regrowth QUARRIES: rock type, pebbles, recognisable artefacts, percentage quarried. OTHER SITES EG. structures (fish traps, stone arrangements, bora rings, mai mai), mythological sites, rock holes, engraved grooves channels, contact sites (masses, massacres cemeteries) as appropriate</p>	<p>Attach sketches etc. eg. plan & section of shelter, show relation between site contents, indicate north, show scale. Attach annotated photos (stereo where useful) showing scale, particularly for art sites.</p>	

HS-29

16/12/1

Ant Nest
Pore
Eroded



2.31

New recording Additional Info



National Parks and Wildlife Service

Box 1957, Hurstville NSW 2220. Tel: (02) 585 6444
Standard Site Recording Form Revised 5-88



26-3-0066

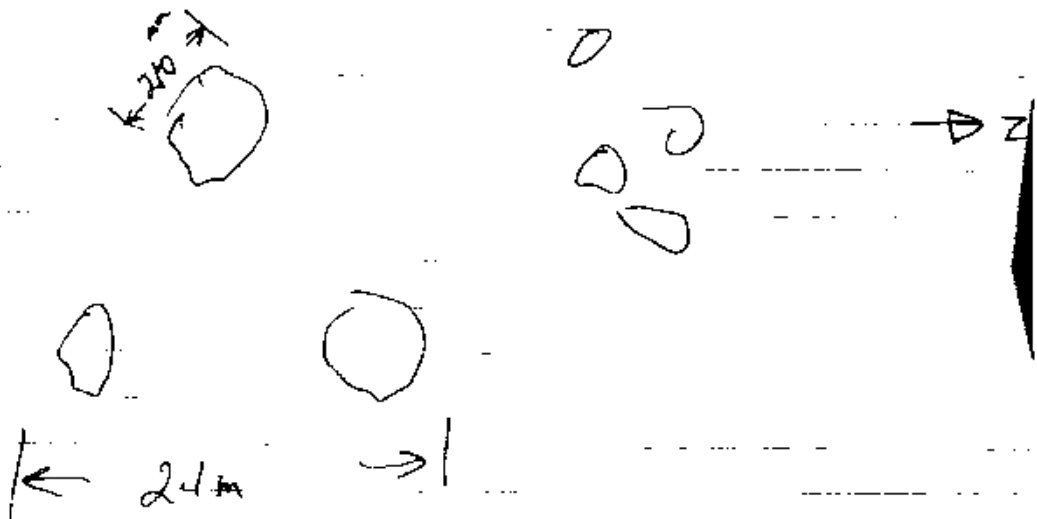
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AMG Grid reference <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>4</td><td>8</td><td>4</td><td>6</td><td>7</td><td>0</td></tr><tr><td colspan="2">25K</td><td colspan="2">25K</td><td colspan="2">mE</td></tr></table> <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>6</td><td>5</td><td>6</td><td>7</td><td>3</td><td>4</td><td>0</td></tr><tr><td colspan="2">25K</td><td colspan="2">25K</td><td colspan="2">25K</td><td>mN</td></tr></table>		4	8	4	6	7	0	25K		25K		mE		6	5	6	7	3	4	0	25K		25K		25K		mN	NPWS Site no: <u>26-3-66</u>	
4	8	4	6	7	0																								
25K		25K		mE																									
6	5	6	7	3	4	0																							
25K		25K		25K		mN																							
Full reference - please include leading zeros		Site types: <u>Open Camp Site</u>																											
Scale of map used for grid reference Please use largest scale available <input type="checkbox"/> 25K, 50K (preferred) <input checked="" type="checkbox"/> 1:100K <input type="checkbox"/> 250K		Accessioned by: _____ Date: _____																											
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Site name: <u>GC-HS-27</u>		Owner/Manager: <u>Girilambone Coppens</u>																											
NPWS District: <u>COBAR</u>		Address: <u>P.O. Box 12</u>																											
Reason for investigation		Region: <u>Girilambone</u>																											
<u>ARCH SURVEY - GIS</u>																													
Parish: <u>Girilambone</u>		Photos taken? <u>yes</u>																											
		How many attached? <u>1</u>																											
How to get to the site (refer to permanent features, give best approach to site eg from above, below, along dirt) (Draw diagram on separate sheet) <u>Site located approx 5.4 km north of Booroomugga Rd to west of main central access track. Locater with GPS - No Landmarks</u>																													
Other sites in locality? <u>yes</u>		Site Types include: <u>open Scatter</u>																											
Are sites in NPWS Register? <u>yes</u>																													
Have artefacts been removed from site? <u>No</u>		When? _____																											
By whom? _____		Deposited where? _____																											
Is site important to local Aborigines? <u>yes</u>																													
Give contact(s) name(s) + address(es) <u>Bradley Weldock Nyngan. LALC.</u>																													
Contacted for this recording? <u>yes</u>																													
(Attach additional information separately; if not, why not?)																													
Verbatim written reference source(s) (including full title of accompanying report): <u>AN Archaeological Survey of Girilambone Copper mine - NORTH EAST PROSPECT PROPOSED EXTENSIONS.</u> NPWS Report Catalogue # _____																													
Checklist: surface visibility damage/disturbance threat to site		Condition of site: <u>- Pool</u> <u>Eroded / Scattered</u>																											
Recommendations for management & protection (attach separate sheets if necessary): <u>As per Report.</u>																													
Site recorded by: <u>J. KELTON</u>		Date: <u>16/12/94</u>																											
Address/institution: <u>92 DARRING ST.</u> <u>COWRA 2794</u>																													

HS-~~26~~-27

16/12/

- Ant Nest
- Pool Cond.
- Eroded / Scattered
- Western side of gentle slope

26-3-66



New recording Additional info



National Parks and Wildlife Service

Box 1967, Hurstville NSW 2220. Tel: (02) 585 6444
Standard Site Recording Form Revised 5/88



26-3-0145

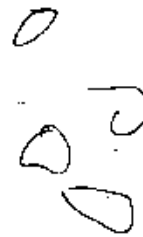
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AMG Grid reference <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>4</td><td>8</td><td>1</td><td>6</td><td>3</td><td>0</td></tr> <tr><td colspan="3">25K</td><td colspan="3">750K</td></tr> <tr><td colspan="3">ME</td><td colspan="3">MN</td></tr> </table>		4	8	1	6	3	0	25K			750K			ME			MN			NPWS Site no: <u>26-3-0145</u>	
4	8	1	6	3	0																
25K			750K																		
ME			MN																		
Full reference - please include reading units		Site types																			
Scale of map used for grid reference <input type="checkbox"/> 25K, 50K (preferred) <input checked="" type="checkbox"/> 100K <input type="checkbox"/> 250K		Accessioned by: _____ Date: _____																			
Please use largest scale available		Data entered by: _____ Date: _____																			
1:25K, 50K, 100K map name: <u>Coolabah 8235</u>		Owner/Manager: <u>Girilambone Copper Co.</u>																			
Site name: <u>GC-HS-27</u>		Address: <u>P.O. Box 12</u>																			
NPWS District: <u>COBAR</u>		Locality/property name: <u>Girilambone Copper mine NORTH EAST PROSPECT</u>																			
Reason for investigation: <u>ARCH SURVEY - EIS</u>		Region: <u>Coonabarabran</u>																			
Portion no. _____		Photos taken? <u>YES</u>																			
Parish: <u>Girilambone</u>		How many attached? <u>1</u>																			
How to get to the site (refer to permanent features, give best approach to site eg. from above, below, along creek) (Draw diagram on separate sheet.) <u>Site located approx 5.4 km north of Booroomugga Rd to west of main control access track - located with GPS - No Landmarks</u>																					
Other sites in locality? <u>YES</u>		Site Types include: <u>open Scatter</u>																			
Are sites in NPWS Register? <u>Yes</u>		Have artefacts been removed from site? <u>No</u>																			
By whom? _____		When? _____																			
Is site important to local Aborigines? <u>Yes</u>		Deposited where? _____																			
Give contact(s) name(s) + address(es) <u>Buddy Weldon Nyngan. LALC.</u>		Contacted for this recording? <u>Yes</u>																			
Attach additional information separately if not, why not? _____		Verbal/written reference sources (including title of accompanying report) <u>AN Archaeological Survey of Girilambone Copper mine - NORTH EAST PROSPECT Proposed Extensions.</u>																			
Checklist: surface visibility, damage/disturbance, threat to site		Condition of site: <u>Good</u> <u>Eroded / Scattered</u>																			
Recommendations for management & protection (attach separate sheet if necessary): <u>AS per Report.</u>																					
Site recorded by: <u>O. KEATON</u>		Date: <u>16/12/94</u>																			
Address/institution: <u>92 DARRLING ST. COWARA 2794</u>																					

SITE POSITION & ENVIRONMENT		OFFICE USE ONLY NPWS site no.
1. Landform • beach/hill slope/ridge top, etc: <i>Slope</i>		b. site aspect <i>west</i> c. slope <i>< 10°</i>
d. mark on diagram provided or on your own sketch the position of the site:		e. Describe briefly: <i>Single Hearth</i>
1. Local rock type: <i>Quartzite/ Shale</i>	g. Land use/effect: <i>Grazing/ Mining</i>	
2. Distance from drinking water: <i>20 km</i>	Source: <i>Bogan River</i>	
3. Resource Zone associated with site (estuarine, riverine, forest etc): <i>Open Woodland</i>		
4. Vegetation: <i>Euc. dry sclerophyll</i>		
5. Edible plants noted: <i>Yes</i>		
6. Faunal resources (include shellfish):		
7. Other exploitable resources (river pebbles, ochre, etc)		
Site type: <i>Hearth Site (Termite Nest)</i>	DESCRIPTION OF SITE & CONTENTS. Note state of preservation of site & contents. Do NOT dig, disturb, damage site or contents. <i>As per Attached Skert</i>	
CHECKLIST TO HELP length, width, depth, height of site, shelter, deposit, structure, element eg. tree scar, grooves in rock. DEPOSIT: colour, texture, estimated depth, stratigraphy, contents-shell, bone, stone, charcoal, density & distribution of these, stone types, artefact types ART: area of surface decorated, motifs, colours, wet, dry pigment, technique of engraving, no. of figures, sizes, pagination. BURIALS: number & condition of bone, position, age, sex, associated artefacts. TREES: number, alive, dead, likely age, scar shape, position, size, patterns, size marks, regrowth QUARRIES: rock type debris, recognisable artefacts, percentage quarried OTHER SITES EG. structures (fish traps, stone arrangements), bone rings, ruse mss), mythological sites, rock holes, engraved groove channels, contact sites (missions massacres camel cranes) as appropriate	Attach sketches etc, eg. plan & section of shelter, show relation between site contents, indicate north, show scale. Attach annotated photos (stereo where useful) showing scale, particularly for art sites.	

HS-~~26~~-27

16/12/

- Ant Nest
- Pool Cond.
- Eroded / Scattered
- Western side of gentle slope



→ 2



← 2.1m →

APPENDIX 5

Details of Transects for Avoca Tank project area (Stage 1)

Transect	Slope ⁰	Average visibility %	Exposures %	Exposure types	Sites or objects	Length (m)
A	0 - 2	30	10	gravel lags, anthills, sheetwash deflations	no	1750
B	0 - 2	30	10	gravel lags, anthills, sheetwash deflations	no	1700
C	0 - 2	20	10	gravel lags, anthills, sheetwash deflations	no	1950
D	0 - 2	30	10	gravel lags, anthills, sheetwash deflations	no	1800
E	0 - 2	30	15	gravel lags, anthills, sheetwash deflations	no	1850
F	0 - 2	20	15	gravel lags, anthills, sheetwash deflations	no	1850
G	0 - 2	20	10	gravel lags, anthills, sheetwash deflations	no	1850
H	0 - 2	30	20	gravel lags, anthills, sheetwash deflations	no	1900
I	0 - 2	20	15	gravel lags, anthills, sheetwash deflations	yes	1900
J	0 - 2	15	10	gravel lags, anthills, sheetwash deflations	yes	1950
K	0 - 2	10	10	gravel lags, anthills, sheetwash deflations	no	2000
L	0 - 2	30	25	gravel lags, anthills, sheetwash deflations	no	2000
M	0 - 2	30	20	gravel lags, anthills, sheetwash deflations	no	2200
N	0 - 2	30	20	gravel lags, anthills, sheetwash deflations	no	2000
O	0 - 2	25	15	gravel lags, anthills, sheetwash deflations	no	1500
P	0 - 2	25	15	gravel lags, anthills, sheetwash deflations	no	800
Q	0 - 2	20	15	gravel lags, anthills, sheetwash deflations	no	500

Details of Transects for Avoca Tank project area (Stage 2)

Transect	Slope ^o	Average visibility %	Exposures %	Exposure types	Sites or objects	Length (m)
1	0 - 2	30	10	gravel lags, anthills, sheetwash deflations	no	700
2	0 - 2	35	20	gravel lags, anthills, sheetwash deflations	no	900
3	0 - 2	30	10	gravel lags, anthills, sheetwash deflations	no	1100
4	0 - 2	25	15	gravel lags, anthills, sheetwash deflations	no	2000
5	0 - 2	20	10	gravel lags, anthills, sheetwash deflations	no	1000
6	0 - 2	25	15	gravel lags, anthills, sheetwash deflations	no	1200
7	0 - 2	30	15	gravel lags, anthills, sheetwash deflations	no	1500
8	0 - 2	30	20	gravel lags, anthills, sheetwash deflations	no	2100
9	0 - 2	25	15	gravel lags, anthills, sheetwash deflations	no	1400
10	0 - 2	20	15	gravel lags, anthills, sheetwash deflations	no	1500
11	0 - 2	15	10	gravel lags, anthills, sheetwash deflations	no	2900
12	0 - 2	20	15	gravel lags, anthills, sheetwash deflations	no	3200
13	0 - 2	20	20	gravel lags, anthills, sheetwash deflations	no	2400
14	0 - 2	35	25	gravel lags, anthills, sheetwash deflations	yes	2200
15	0 - 2	35	15	gravel lags, anthills, sheetwash deflations	no	1800
16	0 - 2	30	15	gravel lags, anthills, sheetwash deflations	no	1700

Stone artefact attributes recorded at Avoca Tank 1, 2 and 5

Site	Artefact No	Raw Material	Artefact Type	Platform surface	Termination	Length (mm)	Width (mm)	Thickness (mm)	Comments
Avoca Tank 1	1	quartzite	retouched flake	flake scar	feather	33.8	20.8	12.1	cortex on dorsal
Avoca Tank 1	2	quartzite	flake	crushed	feather	22.5	21.6	7.8	
Avoca Tank 1	3	granodiorite	ground fragment			52.9	36.8	23.2	
Avoca Tank 1	4	quartz	retouched flake	flake scar		24.2	30.8	8.6	distal retouch
Avoca Tank 1	5	quartzite	retouched flake	cortex		38.8	28.0	19.4	proximal flake
Avoca Tank 1	6	quartz	flake	flake scar	feather	21.8	26.6	2.6	overhang removal
Avoca Tank 1	7	porphyritic	hammerstone			80.8	71.1	36.1	cortex
Avoca Tank 1	8	basalt	flake	indeterminate		17.0	11.6	1.8	proximal flake
Avoca Tank 1	9	quartz	flake	flake scar	feather	23.8	28.1	6.6	
Avoca Tank 1	10	quartz	flake	indeterminate	step	36.3	21.1	9.5	
Avoca Tank 1	11	quartzite	retouched flake	flake scar		31.2	32.5	12.2	overhang removal & distal retouched
Avoca Tank 2	1	siltcrete	flake	flake scar	feather	24.0	10.9	8.8	
Avoca Tank 5	1	quartz	flake	flake scar	feather	24.5	19.1	7.2	
Avoca Tank 5	2	quartz	flake	indeterminate	feather	18.8	19.4	4.2	

APPENDIX 6



ABORIGINAL CULTURAL HERITAGE ASSESSMENT - Avoca Tank Project

STRAITS RECOMMENDATIONS:

1. That all areas identified as sites are cordoned off and are classified as “**no go zone areas**” until an AHIP has been granted (see **Plates 1 & 2**)
2. That all Straits employees and contractors working in this area are made aware that certain areas have been identified as no go zones and they are reminded of the financial consequences they can face
3. That the areas are monitored on a regular basis until an AHIP has been approved
4. That Straits Community and Heritage Manager work closely with staff to ensure these messages are relayed and to work closely with Nyngan Local Aboriginal Land Council or Bogan Aboriginal Corporation to apply for custodianship of Aboriginal objects
5. That photographic monitoring points outside the **no go zone area** of each site is established for the purpose of auditing the sites until an AHIP has been granted

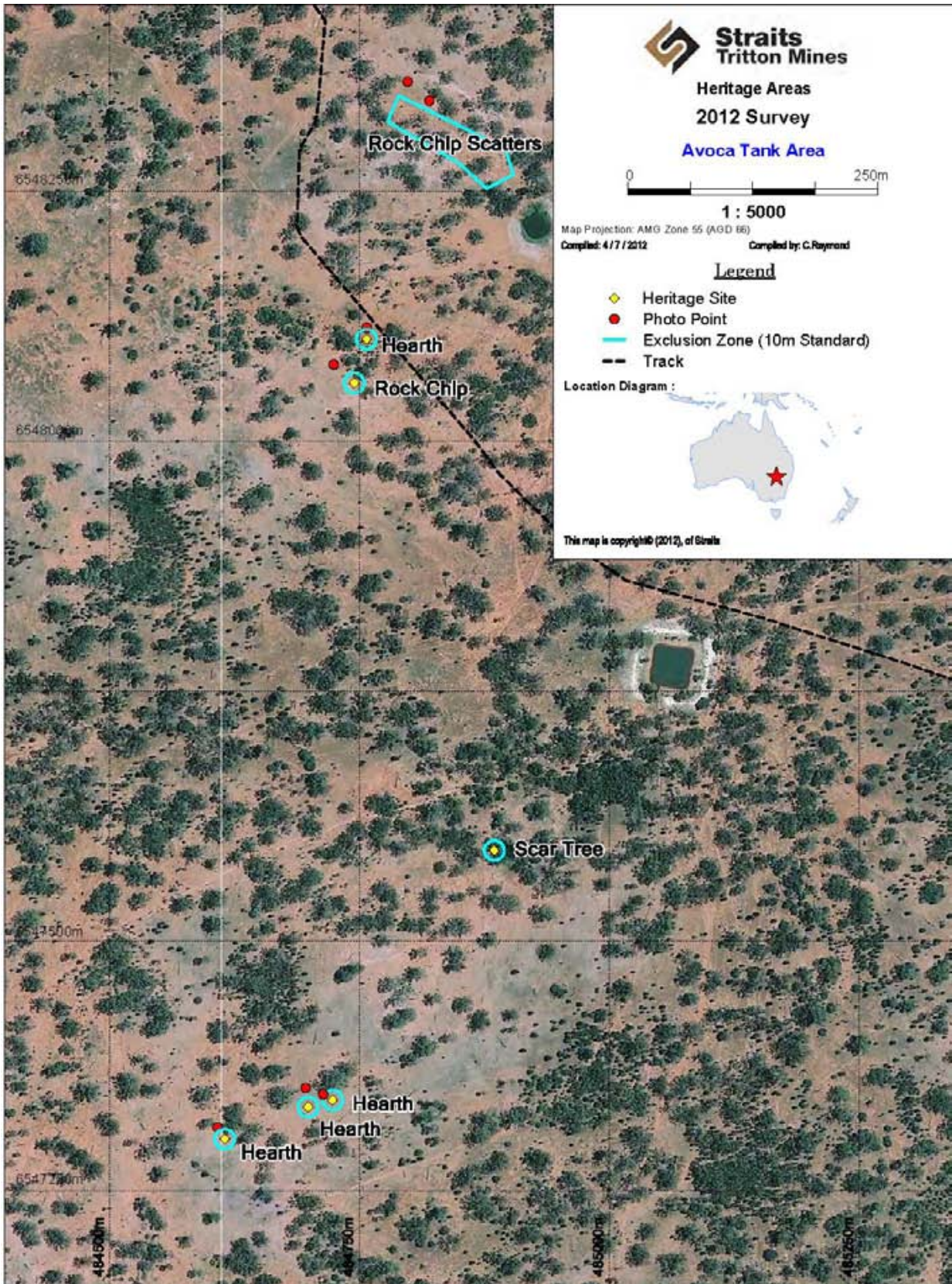
Paul W Calvin
Community and Heritage Manager



Plate 1 (above): (from left) Aboriginal Representatives Lesly Ryan (Bogan Aboriginal Corporation), Sheila Couley (Nyngan Local Aboriginal Land Council), Kate Duca (OnSite CHM), Neville Merritt (Ngemba/Ngiyampaa Native Title claim group) discuss site protection with Paul Calvin (Straits Resources).

Plate 2 (below): Site protection and Compliance information for Tritton personnel





APPENDIX 7

10.0 CONCLUSIONS, MANAGEMENT AND RECOMMENDATIONS

10.1 CONCLUSIONS

1. The survey and assessment process across the Avoca Tank project area (Stages 1 and 2) has identified a total of five locations where Aboriginal objects and occupation evidence occurs. (Avoca Tank 1 to 5).
2. A review of the 11 previously recorded AHIMS sites within the Avoca Tank project area (Stage 1) has determined that there are duplicate recordings and these 11 sites actually represent 5 sites. Two of these sites have been rerecorded as part of this survey. Duplicate site recordings 26-3-0034 / 26-3-0119/ 26-3-0149 have been rerecorded as Avoca Tank 1 and duplicate site recordings 26-3-0067 / 26-3-0146, 26-3-0068 / 26-3-0147, 26-3-0066 / 26-3-0145 have been recorded as Avoca Tank 3 comprising 3 hearth locales. Hearth nodules recorded at site 26-3-0070 / 26-3-0071 were unable to be relocated as part of this survey and it is likely that these features have since eroded away.
3. The results of this assessment reveal Aboriginal occupation evidence is sparsely distributed across the Avoca Tank project area and indicative of low intensity use of the landscape by Aboriginal people characterised by a high level of mobility and relatively short term occupation or single use of these places.
4. The low intensity of Aboriginal occupation materials across the area is likely due to the paucity of reliable sources of potable water, stone outcrops suitable for the manufacture of stone tools and to some extent the disturbance upon Aboriginal occupation materials by previous land use practices.
5. Aboriginal consultation and archaeological analysis of these places within a regional context has assessed the cultural significance of these places (encompassing Aboriginal and archaeological significance). Avoca Tank 1 (an open artefact scatter), is considered to have a low to moderate level of cultural significance. Avoca Tank 2 (a single isolated stone artefact), is considered to have a low level of cultural significance. Avoca Tank 3 (three 'hearths') is considered to have a low level of cultural significance. Avoca Tank 4 (historic scar tree and Aboriginal stockman's camp) is considered to have a moderate level of cultural significance. Avoca Tank 4 has been identified by Registered Aboriginal Parties as having a moderate to high level of Aboriginal significance and also attributed with historic and aesthetic values. Avoca Tank 5 (2 x isolated stone artefacts), is considered to have a low level of cultural significance.

10.2 MANAGEMENT OPTIONS

The Aboriginal objects identified within the Avoca Tank study area are legally protected under the *National Parks and Wildlife Act 1974* (NPW Act). Part 6 of the NPW Act provides specific protection for Aboriginal objects and declared Aboriginal places by establishing offences of harm. Harm is defined to mean destroying, defacing, damaging or moving an object from the land.

There are a number of defences and exemptions to the offence of harming an Aboriginal object or place. One of the defences is that the harm was carried out under an Aboriginal Heritage Impact Permit (AHIP).

The Burra Charter advocates a cautious approach to the management of a place, cultural significance and values: do as much as necessary but as little as possible (Article 3). Within the context of development and associated assessment processes under the *Environmental Assessment and Planning Act*, the formulation of management strategies is also influenced by the level of cultural significance, the proposal and potential impacts on identified values.

A number of strategies are generally applied to the management of Aboriginal objects and their values. These strategies are conservation, mitigated impact and unmitigated impact. Conservation and mitigated impact may be interrelated. For instance places and objects might be conserved in situ, or through mitigated impact places, objects and their values might be conserved through strategies such as documentation, salvage, appropriate curation, display and interpretation. Development of management strategies should ultimately derive from a clear understanding of the cultural significance of a given place and the range of values held by different groups or individuals.

10.3 RECOMMENDATIONS

This assessment has identified five places (Avoca Tank 1 to 5) within the Avoca Tank project area (Stages 1 and 2) containing Aboriginal objects protected under the *National Parks and Wildlife Act*. Tritton has advised that all of these sites will be avoided as part of any exploratory drilling program. Recommendations for avoiding each of the identified sites during the drilling program were provided with the site descriptions (Section 7.2).

Straits (Tritton) Resources has implemented a series of management strategies to afford protection of these sites during the exploratory drilling program and from related activities. These strategies have been implemented in accordance with the Straits Community and Heritage Policy and Straits Procedures - Heritage Management Planning (Australia). Recommendations from the internal memo and photographic evidence (see Plate 10.1) of implemented site protection measures are provided in Appendix 6.

Should the exploration program within the Avoca Tank project area proceed to mining that may potentially impact on the identified sites then mitigative strategies will need to be developed and applied.

Should impacts upon identified sites (Avoca Tank 1 to 5) be unavoidable the proponent will need to apply for relevant AHIPs.

Plate 10.1 (below): (from left) Aboriginal Representatives Lesly Ryan (Bogan Aboriginal Corporation), Sheila Couley (Nyngan Local Aboriginal Land Council), Kate Duca (OnSite CHM), Neville Merritt (Ngemba/Ngiyampaa Native Title claim group) discuss site protection with Paul Calvin (Tritton / Straits Resources).



It was discussed above that management strategies should be developed with a clear understanding of the place, its values and cultural significance. On this basis and the potential impacts of proposed mining activities it is recommended that:

1. Wherever possible Tritton seek to conserve identified places in situ and develop and implement appropriate management strategies during exploration activities or construction, development and operation of an active mine.

Should impact on these places be unavoidable during the construction, development or operation of a mine it is recommended that the proponent apply for Aboriginal Heritage Impact Permits (AHIPs):

2. The stone artefacts at Avoca Tank 1 (AHIMS Sites 26-3-0034 / 26-3-0119 / 26-3-0149) should be subject to cultural collection under a care agreement with Nyngan LALC.
3. The hearth previously recorded at AHIMS sites 26-3-0070 / 26-3-0071 was unable to be relocated during this survey and is likely to have been eroded away. No further action is warranted regarding this place.
4. Avoca Tank 2, consisting of one isolated stone artefact is considered to have a low level of cultural significance and no further action is warranted regarding this site.

5. Avoca Tank 3, consisting of 3 hearths, is considered to have a low level of cultural significance and no further action is warranted regarding this site.
6. Avoca Tank 4, consisting of the historic scar tree, Aboriginal stockmen's camp and its setting has a moderate to high level of Aboriginal significance and should be conserved and managed accordingly. If this place is able to be avoided and conserved then a site specific and appropriate management plan/policy should be prepared to protect the cultural heritage values and their significance.
If conservation is not possible then Tritton should develop a methodology in consultation with the Registered Aboriginal Parties about the potential salvage, relocation and conservation of the scar tree. Preliminary discussion with the Aboriginal community representatives present during the Stage 1 and 2 survey indicated that the salvage and relocation of the tree to another location would be acceptable if this place could not be avoided. More comprehensive recording and documentation of this place should also be undertaken as part of any AIIP process.
7. Avoca Tank 5, consisting of 2 isolated stone artefacts is considered to have a low level of cultural significance and no further action is warranted regarding this site.
8. Should the project proceed to full scale mining operations, no further archaeological surveys of the Avoca Tank project area is required.

On the basis of the legal requirements of the *National Parks and Wildlife Act* it is recommended that:

9. Where impact on identified places cannot be avoided, Tritton should apply for an Aboriginal Heritage Impact Permit (s90).
10. OEH provide consent to salvage and destroy these localities and include as conditions recommendations 2 to 7 above.

A summary of sites identified within the Avoca Tank project area (Stage1), their significance and recommendations is provided below in Table 10.1.

Comments on this assessment from the Registered Aboriginal Parties are discussed below in Section 10.4.

Table 10.1: Summary table for identified sites within Avoca Tank project area, their significance and recommendations

Sites	Previously recorded AHIMS Sites	Site type and comments	Aboriginal Significance	Archaeological Significance	Summary of mitigation strategy
Avoca Tank 1	26-3-0037 / 26-3-0119 / 26-3-0149	Open artefact scatter –Low density scatter (11 x stone artefacts) with high raw material diversity and moderate artefact type diversity.	Moderate	Low to moderate	Apply for an AHIP if required and salvage artefacts under care agreement with Nyngan LALC
-	26-3-0070 / 26-3-0071	Hearth – unable to be relocated during this survey. Probably not extant	-	-	Apply for an AHIP if required for recorded location of site
Avoca Tank 2	-	Isolated stone artefact	Low	Low	Apply for an AHIP if required. No further action warranted.
Avoca Tank 3	26-3-0057 / 26-3-0146 / 26-3-0088 / 26-3-0147 / 26-3-0056 / 26-3-0145	3 x hearths – no other cultural material in association.	Low to moderate	Low	Apply for an AHIP if required. No further action warranted.
Avoca Tank 4	-	Historic scar tree and Aboriginal stockman's camp.	Moderate to high	Moderate	Conserve tree, camp and environmental context. If impact is unavoidable then apply for an AHIP to salvage and relocate tree.
Avoca Tank 5	-	2 x isolated stone artefacts	Low	Low	Apply for an AHIP if required. No further action warranted.

10.4 COMMENTS ON THIS ASSESSMENT FROM REGISTERED ABORIGINAL PARTIES

A draft of this report was sent to the registered Aboriginal parties on 21st February 2013. The Registered Aboriginal parties were provided 28 days to review the report and provide comment. The closing date for comments was 22nd March 2013.

All of the registered parties supplied comment on the draft. Nyngan LALC and Bogan Aboriginal Corporation endorsed the assessment and resulting recommendations. A copy of these endorsement letters is included in **Appendix 7**.

Native Title Services Corporation, on behalf of the Ngemba/Ngiyampaa Native Title claim group, also provided comment on the assessment (**Appendix 7**). NTS comments on the assessment have been tabulated and a response provided below in **Table 10.2**. The table of comments was sent to NTS Corp who provided a further response also included at **Appendix 7**.

Table 10.2: Response to NTS Corp Comments on Avoca Tank Project Draft ACHAR

NTSCORP COMMENTS	RESPONSE TO NTSCORP COMMENTS
<p>Coverage of Surveys Undertaken</p> <p>At section 6.0, the Draft ACHAR states that, for the Stage 1 area, 'the survey consisted of a series of transects north south along the proposed drill lines'. No such statement in regards to drill-hole locations is made in respect of the Stage 2 survey area coverage. No comments are made in respect of the location of access roads and other infrastructure in relation to either survey location.</p> <p>This makes it unclear whether the surveys undertaken to inform the Draft ACHAR cover all areas which will be impacted by the Project, including all proposed drill holes, access roads and other infrastructure sites. Accordingly, NTSCORP submits that Tritton should ensure that, whether as part of a further assessment process or as part of the management processes adopted for the Project, all areas where infrastructure will be located, including access roads, be subject to further assessment surveys which includes representatives from the Claim Group.</p>	<p>At this stage of the project the proposed footprint and layout of the mine has not been finalised. The final layout will be informed by a number of factors including constraints identified as part of environmental and heritage studies and the location of the ore body as determined by drilling. The intention to plan the mine layout and avoid heritage places wherever possible is demonstrated within Recommendation 1.</p> <p>The survey strategy for the Stage 1 area was developed on the basis of the proposed drill holes locations and to achieve coverage across the entire project area. A similar survey strategy was developed and adopted for the Stage 2 area with the same aim; to achieve coverage across the entire project area.</p> <p>Section 6.0 - Avoca Tank Stage 2 (pg 50)</p> <p><i>At the time of the survey the proponent had advised that the Stage 2 area was being subject to archaeological survey to identify potential impacts on Aboriginal objects and identify constraints on the planning process for the mine footprint should the exploration program shift to full scale mining and to be considered in the EIS.</i></p> <p><i>For consistency and compatibility of results between the Stage 1 and 2 project areas a similar survey strategy was employed for the Stage 2 project area as was employed for the Stage 1 project area. The location of transects undertaken as part of Stage 2 is shown in Figure 6.1.</i></p> <p>The survey strategy employed by OSCHIM achieved coverage across 34% (6.35km²) of the entire Avoca Tank (Stages 1 and 2). This level of coverage is considered sufficient to understand the potential for Aboriginal occupation evidence to occur across the landscape level. This archaeological survey has</p>

	<p>determined that Aboriginal occupation evidence is sparsely distributed across the Avoca Tank project area and despite the 63.5 kilometres of transects surveyed found to only occur at five discrete locations.</p> <p>Further archaeological surveys were not recommended due to this low density of Aboriginal occupation evidence and low potential for further evidence to occur. Subsequent and more intensive surveys are generally only warranted when a baseline survey identifies a moderate to high potential for further Aboriginal occupation evidence to occur. This is not the case within the Avoca Tank project area.</p> <p>It is also worth noting that Tritton Resources invited representatives from the Claim group to participate in both surveys. Neville Merritt participated in the Stage 2 survey and was also shown a number of sites identified during the Stage 1 survey (including Avoca Tank 1, 2 and 4 and AHIMS site 26-3-0070/26-3-0071). A range of potential management strategies were discussed with Neville (see page 27 – 28).</p> <p>The other Registered Aboriginal Parties (Nyngan LALC and Bogan Aboriginal Corporation) have also since provided their support for the recommendations in the report, including Recommendation 8 that no further archaeological surveys are required.</p>
<p>Comments and Suggestions on Management Measures</p> <p>Fencing of Identified Places and Objects</p> <p>The Claim Group have expressed concerns over the plastic fencing currently used at the Projects site to demarcate and protect identified objects and places.</p> <p>Cordonning off and designating identified sites as 'no go zones' is discussed at sections 7.2.1 to 7.2.5 of the Draft ACHAR. The Claim Group request that fencing off of identified objects and places be specifically adopted as</p>	<p>The plastic fencing currently installed around the identified sites is temporary. The fencing at sites that will be conserved and managed during the development and operational phase of any proposed mine will be upgraded as part of the boundary fencing program. The fencing at these sites will be upgraded to steel pickets and wire sufficient to prevent trespassers and animals.</p> <p>Straits have also implemented protection measures in accordance with the Straits Community and Heritage Policy and Straits Procedures - Heritage Management Planning (Australia). Recommendations from the internal memo and implemented site protection measures were discussed at Section 10.3 (pg</p>

<p>one of the management measures in addition to those detailed at section 10.3 of the Draft ACHAR.</p> <p>The Claim Group requests that steel pickets and wire be used instead of plastic fencing to ensure durability and sufficient protection. The Claim Group also request that such fencing be sufficiently high to prevent animals and trespassers from entering the 'no go zones'.</p> <p>Ongoing Monitoring</p> <p>NTSCORP suggests that ongoing monitoring, including representatives from the Claim Group, be included as a management measure in addition to those detailed at section 10.3 of the Draft ACHAR. Such monitoring should be required for all activities which involve surface disturbance, and would be able to incorporate the additional assessment surveys as suggested above.</p> <p>The monitoring process should include mechanisms which enable Tritton and the cultural heritage monitors onsite to jointly develop protection and mitigation measures in respect of additional objects and sites which are identified as exploration proceeds.</p>	<p>83) and provided at Appendix 6.</p> <p>A recommendation (consistent with those discussed at sections 7.2.1 to 7.2.5) relating to the fencing of these sites (with steel pickets and wire) and designation as 'no go zones' will also be included within Section 10.3, Recommendation 2 of the final report.</p>
<p>The below comments refer to the practice of monitoring earthworks for Aboriginal objects in a subsurface context (usually stone artefacts). These comments do not refer to the practice of cultural monitoring of identified cultural heritage places to be conserved during the construction, development and operation of an active mine. Cultural monitoring of identified and retained Aboriginal heritage places by the Aboriginal Community should be considered by Tritton as appropriate and part of the development and implementation of management strategies referred to in Recommendation 1.</p> <p>The archaeological survey determined that Aboriginal occupation evidence is sparsely distributed across the Avoca Tank project area, which is considered to have a low archaeological potential to contain further Aboriginal occupation evidence.</p> <p>Just as further survey is not considered warranted from an archaeological perspective, nor is monitoring of general earthworks. From an archaeological perspective monitoring might generally only be warranted when a survey identifies a moderate to high potential for Aboriginal occupation evidence to occur in a subsurface context. This is not the case within the Avoca Tank project area.</p> <p>Further, where areas of potential subsurface deposit are identified, current OEH policy practice favours the undertaking of test excavations over monitoring. A number of reasons are accepted for the preference of test excavation strategy to identify Aboriginal occupation evidence to occur in a subsurface context:</p>	<p>The below comments refer to the practice of monitoring earthworks for Aboriginal objects in a subsurface context (usually stone artefacts). These comments do not refer to the practice of cultural monitoring of identified cultural heritage places to be conserved during the construction, development and operation of an active mine. Cultural monitoring of identified and retained Aboriginal heritage places by the Aboriginal Community should be considered by Tritton as appropriate and part of the development and implementation of management strategies referred to in Recommendation 1.</p> <p>The archaeological survey determined that Aboriginal occupation evidence is sparsely distributed across the Avoca Tank project area, which is considered to have a low archaeological potential to contain further Aboriginal occupation evidence.</p> <p>Just as further survey is not considered warranted from an archaeological perspective, nor is monitoring of general earthworks. From an archaeological perspective monitoring might generally only be warranted when a survey identifies a moderate to high potential for Aboriginal occupation evidence to occur in a subsurface context. This is not the case within the Avoca Tank project area.</p> <p>Further, where areas of potential subsurface deposit are identified, current OEH policy practice favours the undertaking of test excavations over monitoring. A number of reasons are accepted for the preference of test excavation strategy to identify Aboriginal occupation evidence to occur in a subsurface context:</p>

<p>1. The undertaking of test excavations is generally conducted during the planning and approvals phase of a project. The identification of Aboriginal cultural heritage values during this phase provides more flexibility for the project planning to develop and implement appropriate heritage conservation strategies in response to the nature and significance of those values.</p> <p>2. The undertaking of test excavations is usually implemented under the framework of an AHP or process in the Code of Practice for Archaeological Investigations. This framework provides certainty to the Aboriginal communities that Aboriginal heritage values will be identified and appropriately considered.</p> <p>3. In contrast monitoring is considered a 'high risk' approach:</p> <p>3. Monitoring of project earthworks usually occurs after the project planning phase and at the commencement of activities that have the potential to harm Aboriginal objects (within the meaning of the EPW Act). This timing also means that the flexibility and opportunity to respond appropriately and achieve a good heritage conservation outcome to protect identified Aboriginal heritage values <i>in-situ</i> is greatly reduced.</p> <p>4. In the absence of an AHP, the identification of Aboriginal objects in a subsurface context during earthworks also requires a 'stop work approach' and necessity to apply for an AHP supported by the necessary assessment and consultation processes. This may also lead to long and costly delays for the project and proponent and will generally not produce good heritage conservation outcomes.</p>	<p>Regardless, the paucity of Aboriginal occupation evidence across the project area and low potential for Aboriginal objects to occur within a subsurface context does not warrant the implementation of either</p>
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<p>management strategy (test excavation or monitoring).</p> <p>Besides the paucity of Aboriginal occupation evidence to warrant monitoring, another factor relates to the low integrity of the landscape across the Avoca Tank project area. The landscape is considered degraded and eroded. These conditions are not conducive to the preservation of subsurface archaeological deposits containing Aboriginal objects. At least part of this degradation has been caused by erosion caused relating to previous land use practices. These erosive agents are considered to have impacted greatly upon the landscape. Previous land use practices, erosion and the resulting integrity of the subject land and effects on Aboriginal objects are discussed throughout the report but especially in Sections 4.1 and 4.4.</p>	<p>Relocation of Objects & Further Consultation Processes</p> <p>The potential relocation of identified objects as exploration proceeds to mining is discussed at section 9.1 and included as one of the ten management principles at section 10.3 of the Draft ACHAR. NTSCORP suggests that the Claim Group be specifically consulted with and included in any salvage and storage programmes developed in relation to this relocation.</p> <p>At several places in the Draft ACHAR, including as one of the management mechanisms listed at section 10.3, it is suggested that Aboriginal Heritage Impact Permits (AHIPs) may be required if impact in identified places or objects cannot be avoided. NTSCORP submits that the consultation processes which will be adopted in any AHIP processes, including both cultural heritage significance assessments and development of management mechanisms, be delineated in the Draft</p>
<p>The relocation and salvage of any Aboriginal objects would require the development of an appropriate salvage methodology in consultation with the Registered Aboriginal Parties.</p> <p>Salvage methodologies have not been developed because, as yet, it is not understood whether the final footprint and layout may impact on identified Aboriginal cultural heritage values. Any salvage methodology would be circulated to the Registered Aboriginal Parties for their review and comment prior to the Aboriginal Heritage Impact Permit (AHIP) application.</p> <p>"The National Parks and Wildlife Act 1974 (NPW Act) allows the transfer of Aboriginal objects to an Aboriginal person or Aboriginal organisation for safekeeping. The person or organisation must enter into a care agreement with OEH."</p>	<p>If required, a care agreement would also be developed as part of any salvage methodology and AHIP application. Consultation about the relocation, future storage and conservation practices for Aboriginal objects is required to be undertaken with the Registered Aboriginal Parties.</p> <p>Some discussion with the Registered Aboriginal Parties (including Neville Merritt as representative for</p>

<p>ACHAR and include specific consultation and collaboration with the Claim Group.</p>	<p>the Claim group) about salvage methodologies and care agreement for the scar tree at Avoca Tank 4 was provided at Section 3.3.2 (pgs 27-28)</p> <p>The Claim group is one of three Registered Aboriginal parties and will be consulted during the development of any proposed salvage methodologies and care agreements required to be developed for the project.</p>
<p>Further Surveys Required if Project Proceeds to Mining</p> <p>NTSCORP do not support point 8 of the proposed management measures at section 10.3 of the Draft ACHAR. If the Project proceeds to mining, it is appropriate that further cultural heritage surveys be undertaken at a greater level of intensity and coverage sufficient to reflect the increased impacts of production as compared to exploration. This is particularly pertinent given that no member of the Claim Group was involved in Stage 1 of the survey process, as noted in section 3.3.1.</p>	<p>The archaeological survey determined that Aboriginal occupation evidence is sparsely distributed across the Avoca Tank project area. Further archaeological surveys were not recommended due to the low density of Aboriginal occupation evidence and low potential for further evidence to occur.</p> <p>Subsequent and more intensive surveys are generally only warranted when a baseline survey identifies a moderate to high potential for further Aboriginal occupation evidence to occur. This is not the case within the Avoca Tank project area.</p> <p>It is also worth noting that Tritton Resources invited representatives from the Claim group to participate in both the Stage 1 and 2 surveys. Neville Merritt participated in the Stage 2 survey and was also shown a number of sites identified during the Stage 1 survey (including Avoca Tank 1, 2 and 4 and AHIMS site 26-3-0070/26-3-0071). A range of potential management strategies were discussed with Neville (see page 27 – 28).</p> <p>The other Registered Aboriginal Parties (Nyngan LALC and Bogan Aboriginal Corporation) who participated in the surveys have provided support for the recommendations in the report, including Recommendation 8 that no further archaeological surveys are required.</p> <p>Their views about the Aboriginal occupation and significance of the Avoca Tank study area are provided in Sections 8.0 and 9.1.</p>

NYNGAN LOCAL ABORIGINAL LAND COUNCIL



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8th April 2013

Mr Gerard Niemoeller
Principle Heritage Consultant
On Site Cultural Management Pty Ltd
PO BOX 574
Narooma NSW 2546

Dear Gerard,

RE: Site Assessment done on "Avoca" and "Avoca Tanks".

On behalf of the Aboriginal Site Assessment done on the above properties in which we accompanied Mr Gerard Niemoeller, Nyngan Local Aboriginal Land Council (LALC) had input and discussions on the artefacts located at both of the above properties.

We would like to endorse the recommendations that are stated in your final report.

If need for removal of any artefacts an Aboriginal Heritage Impact Permit application would be applied for to ensure the objects can be relocate and protect of the artefacts. If they need be removed it will also any prevent loss or harm to them and could be stored in a local cultural keeping place.

For further information please contact the Nyngan LALC.

Yours Faithfully

A handwritten signature in black ink, appearing to read 'Veneta Dutton', is written over a horizontal line.

Veneta Dutton
CEO
Nyngan
Local Aboriginal Land Council (LALC)

be informed, be involved, be inspired.

BOGAN ABORIGINAL CORPORATION

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5th April 2013

Mr Gerard Niemoeller
Principal Heritage Consultant
On Site Cultural Management Pty Ltd
PO Box 574
NAROOMA NSW 2546

Hi Gerard

In regards to the Site assessment done on "Avoca" and "Avoca Tanks".
On behalf of the Aboriginal Site assessment done on the properties in which I
accompanied Gerard and had input and discussion on the artefacts located on the
above properties.

I would like to endorse the recommendations that are stated in your final report.
If need for the removal of any artefacts an Aboriginal Heritage Impact Permit
application would be applied for to relocate the objects if the need be.

For further information please contact me.

Yours faithfully


Lesly Ryan
CEO/Sites officer
Bogan Aboriginal Corporation

Bogan Aboriginal Corporation



9 April 2013

Gerard Niemoeller
Principal Heritage Consultant
On Site Cultural Heritage Management Pty Ltd
PO Box 574
NAROOMA NSW 2546

By Email: gerard@onsitechm.com.au

WITHOUT PREJUDICE

Dear Gerard,

Comments on Avoca Tank Project Draft ACHAR

As per your correspondence of 25 February 2013, NTSCORP Ltd (**NTSCORP**), on behalf of the Ngemba, Ngiyampaa, Wayilwan, Wangaypuwaan People native title claim group (**Claim Group**), makes the following comments on the draft Aboriginal Cultural Heritage Assessment Report (**Draft ACHAR**) prepared in respect of the Avoca Tank Project (**Project**) proposed by Tritton Resources Limited Pty (**Tritton**).

Coverage of Surveys Undertaken

At section 6.0, the Draft ACHAR states that, for the Stage 1 area, '*[t]he survey consisted of a series of transects north south along the proposed drill lines*'. No such statement in regards to drill-hole locations is made in respect of the Stage 2 survey area coverage. No comments are made in respect of the location of access roads and other infrastructure in relation to either survey location.

This makes it unclear whether the surveys undertaken to inform the Draft ACHAR cover all areas which will be impacted by the Project, including all proposed drill-holes, access roads and other infrastructure sites. Accordingly, NTSCORP submits that Tritton should ensure that, whether as part of a further assessment process or as part of the management processes adopted for the Project, all areas where infrastructure will be located, including access roads, be subject to further assessment surveys which includes representatives from the Claim Group.

Comments and Suggestions on Management Measures

Fencing of Identified Places and Objects

The Claim Group have expressed concerns over the plastic fencing currently used at the Projects site to demarcate and protect identified objects and places.



Cordoning off and designating identified sites as 'no go zones' is discussed at sections 7.2.1 to 7.2.5 of the Draft ACHAR. The Claim Group request that fencing off of identified objects and places be specifically adopted as one of the management measures in addition to those detailed at section 10.3 of the Draft ACHAR. The Claim Group requests that steel pickets and wire be used instead of plastic fencing to ensure durability and sufficient protection. The Claim Group also request that such fencing be sufficiently high to prevent animals and trespassers from entering the 'no go zones'.

Ongoing Monitoring

NTSCORP suggests that ongoing monitoring, including representatives from the Claim Group, be included as a management measure in addition to those detailed at section 10.3 of the Draft ACHAR. Such monitoring should be required for all activities which involve surface disturbance, and would be able to incorporate the additional assessment surveys as suggested above. The monitoring process should include mechanisms which enable Tritton and the cultural heritage monitors onsite to jointly develop protection and mitigation measures in respect of additional objects and sites which are identified as exploration proceeds.

Relocation of Objects & Further Consultation Processes

The potential relocation of identified objects as exploration proceeds to mining is discussed at section 9.1 and included as one of the ten management principles at section 10.3 of the Draft ACHAR. NTSCORP suggests that the Claim Group be specifically consulted with and included in any salvage and storage programmes developed in relation to this relocation.

At several places in the Draft ACHAR, including as one of the management mechanisms listed at section 10.3, it is suggested that Aboriginal Heritage Impact Permits (AHIPs) may be required if impact in identified places or objects cannot be avoided. NTSCORP submits that the consultation processes which will be adopted in any AHIP processes, including both cultural heritage significance assessments and development of management mechanisms, be delineated in the Draft ACHAR and include specific consultation and collaboration with the Claim Group.

Further Surveys Required if Project Proceeds to Mining

NTSCORP do not support point 8 of the proposed management measures at section 10.3 of the Draft ACHAR. If the Project proceeds to mining, it is appropriate that further cultural heritage surveys be undertaken at a greater level of intensity and coverage sufficient to reflect the increased impacts of production as compared to exploration. This is particularly pertinent given that no member of the Claim Group was involved in Stage 1 of the survey process, as noted in section 3.3.1.



We thank you for your consideration of these comments. Please contact the undersigned on (02) 9310 3188 or at rmackay@ntscorp.com.au if you would like to discuss these comments further.

Yours Faithfully,

A handwritten signature in black ink, appearing to read "Ross Mackay".

Ross Mackay
Strategic Project Officer
NTSCORP Limited



24 May 2013

Gerard Niemoeller
Principal Heritage Consultant
On Site Cultural Heritage Management Pty Ltd
PO Box 574
NAROOMA NSW 2546

By Email: gerard@onsitechm.com.au

Dear Gerard,

Comments on Avoca Tank Project Draft ACHAR Response

As requested, NTSCORP Limited (NTSCORP), on behalf of the Ngemba, Ngiyampaa, Wayilwan, Wangaypuwaan People native title claim group (**Claim Group**), makes the following comments on the *Response to NTS Comments on Avoca Tank Project Draft ACHAR (Response)*.

Coverage of Surveys Undertaken

Thank you for clarifying the methodology behind the scope of the surveys undertaken.

Whilst NTSCORP are happy to concede that no further surveys need be undertaken for the purposes of the Aboriginal Cultural Heritage Assessment Report (ACHAR) itself, NTSCORP maintains that all areas which will be impacted by the Project, including all proposed drill-holes, access roads other infrastructure sites and eventual mine footprint must be subject to a survey prior to construction taking place. This is particularly important as there are no monitoring processes proposed. Accordingly, whether as part of a further assessment process or as part of the management processes adopted, it must be assured that all infrastructure areas which have not been subject to previous surveys informing the ACHAR, will be subject to further assessment surveys. These further assessments will include representatives from the Claim Group.

Comments and Suggestions on Management Measures

Fencing of Identified Places and Objects

Thank you for clarifying fencing and management procedures in respect of identified places and objects of cultural heritage significance. The measures detailed in this respect of your response address the concerns of the claim group in this regard.



Ongoing Monitoring

NTSCORP continue to maintain its position that, regardless of the cultural heritage potential analysis undertaken, ongoing monitoring, including representatives from the Claim Group, be included as a management measure in addition to those detailed at section 10.3 of the Draft ACHAR for all surface disturbance activities. Although the Response indicates an informed opinion that there is 'low potential for Aboriginal objects to occur', monitoring is required to assure the Claim Group that any unidentified sites and objects will not be impacted as exploration proceeds and a mine footprint is determined.

Relocation of Objects & Further Consultation Processes

It is NTSCORP's preferred position that salvage and relocation methodologies be delineated in the Draft ACHAR, however accepts and does not oppose that, in this instance, such methodologies will be developed as exploration proceeds.

NTSCORP acknowledges the comments in the Response that the Claim Group will be included in consultation for any salvage methodologies, care agreements and AHIP processes required as exploration proceeds. NTSCORP requests that, as these consultation processes are required, the proponent meets with representatives of the Claim Group in a closed session to discuss, develop and/or confirm proposed salvage and relocation methodologies.

Further Surveys Required if Project Proceeds to Mining

NTSCORP maintain their position not to support point 8 of the proposed management measures at section 10.3 of the Draft ACHAR. If the Project proceeds to mining, it is appropriate that further cultural heritage surveys involving representatives of the Claim Group be undertaken at a greater level of intensity to include both ethnographic and archaeological surveys and coverage sufficient to reflect the increased impacts of production as compared to exploration.

We thank you for this opportunity to provide further comments in response. Please contact the undersigned on (02) 9310 3188 or at rmackay@ntscorp.com.au if you would like to discuss these comments further.

Yours faithfully,

A handwritten signature in black ink, appearing to read "Ross Mackay". Below the signature is the number "080" in a smaller font.

Ross Mackay
Strategic Project Officer
NTSCORP Limited

cc: Paul Calvin, Community & Heritage Manager, Straits Resources