

Project #: HN19052101



ABORIGINAL DUE DILIGENCE REPORT 8 KERLEW ST, NULKABA

12 / 08 / 2019 Final Report

INSITE PLANNING SERVICES

PO Box 93, Cessnock NSW 2325

Attn: Stephen Leathley

stephen@insiteplan.com.au

CONTACT

hello@heritagenow.com.au

0425 250 310

www.heritagenow.com.au



Executive Summary

This report has fulfilled the requirements under the Due Diligence Code of Practice for the Protection of Aboriginal Objects in NSW (OEH, formerly DECCW 2010). The Aboriginal Heritage Information Management System (AHIMS) was searched, but no Aboriginal sites have been previously registered in the Study Area. This report has also considered the landscape features and the environmental context of the Study Area.

The site inspection of the Study Area was undertaken with Jason Brown from Mindaribba Local Aboriginal Land Council. No Aboriginal objects, places or specific cultural areas were identified from the site inspection of the Study Area.

This report has assessed Aboriginal heritage in the Study Area and has identified there are no heritage constraints to rezoning the heritage area. The proposed rezoning will not affect the heritage significance of the area. This report provides adequate assessment of the Study Area as per clause 5.10(8) of the Cessnock LEP and is consistent with the s117 direction.

Concluding Statement

There are no identified Aboriginal heritage constraints in relation to the rezoning of the Study Area.

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Introduction

Heritage Now has been engaged by Insite Planning Services to prepare an Aboriginal Due Diligence Assessment Report for a proposed rezoning at 8 Kerlew Street, Nulkaba, NSW.

Study Area

The Study Area comprises the southwestern corner of Lot 1552, DP1046610 at 8 Kerlew Street, Nulkaba, NSW (Figure 1). The Study area measures approximately 140m northsouth and 40m eastwest along its widest section.

The Study Area is in the Cessnock Local Government Area (LGA) and is within the Mindaribba Local Aboriginal Land Council (LALC) boundaries.

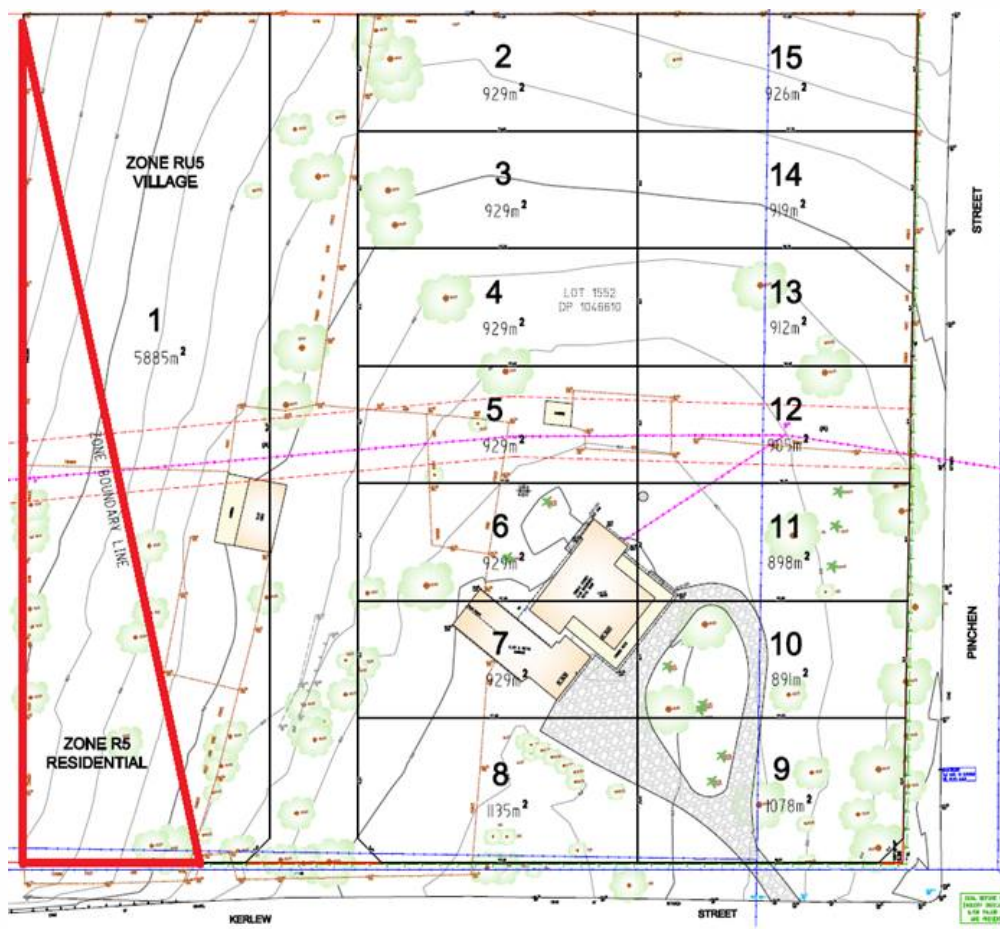


Figure 1: Study Area outlined in red

Project Proposal

The proposed project is to rezone the study area from large lot residential (R5) to village (RU5). Most of Lot 1552, DP1046610 is already zoned RU5 and thus this rezoning application would make the entire lot zoning the same.

Aboriginal Consultation

Mindaribba LALC was consulted for this Aboriginal Due Diligence Assessment Report.

Report Details

This report was written by Tessa Boer-Mah with input from Ty Rigby.

Legislative Context

This section provides an outline of the Acts, Regulations and guidelines under which this assessment has been undertaken. It is for information purposes only and should not be taken as legal advice.

National Parks and Wildlife Act 1974

This Act contains the provisions for protecting Aboriginal objects in NSW. Aboriginal objects are protected regardless of whether they are in their original context (location) or not and it is an offence to harm an Aboriginal object regardless of whether you know it is an Aboriginal object or not. Protection under Section 86 of the Act is as follows:

- s86(1) A person must not harm or desecrate an object that the person knows is an Aboriginal object.
- s86(2) A person must not harm an Aboriginal object.
- s86(3) A person must not harm or desecrate an Aboriginal place.

Penalties for harming Aboriginal objects or Places range from \$80,000-\$800,000 for individuals and \$330,000-\$1,650,000 for corporations and may also include imprisonment. Under Section 87 there are certain defences from prosecution, these include that harm was authorised under an Aboriginal Heritage Impact Permit (AHIP) and actions were in accordance with the AHIP, that due diligence was exercised in relation to Aboriginal object/s and/or the activity was classified as low impact.

Under Section 89A Aboriginal object/s must be reported to the Office of Environment and Heritage (OEH) within a reasonable timeframe, unless it has previously been recorded and submitted to the Aboriginal Heritage Information Management System (AHIMS). Penalties for failure to report an Aboriginal object range from \$16,500 for individuals and \$33,000 for corporations.

National Parks and Wildlife Regulations 2009

This Regulation includes a framework for exercising due diligence and provides codes of practice in respect to Aboriginal objects (Section 80A) as well as defences for carrying out certain low impact activities (Section 80B). The Regulation also outlines requirements for Aboriginal consultation (Section 80C), particularly in relation to an Aboriginal Heritage Impact Permit. Under the Regulation the following codes of practice are recognised, amongst others:

- *Due Diligence Code of Practice for the Protection of Aboriginal Objects in NSW* (OEH, formerly DECCW 2010)
- *NSW Minerals Industry Due Diligence Code of Practice for the Protection of Aboriginal Objects* (Minerals Council)

Aboriginal Land Rights Act 1983

This Act provides land rights to Aboriginal people through the Local Aboriginal Land Councils. It outlines a process for claiming unused Crown Land in NSW and for creating land use. It also allows for agreements to permit traditional hunting, fishing and gathering.

Environmental Planning and Assessment Act 1979

The Environmental Planning and Assessment (EP&A) Act provides triggers for undertaking environmental and heritage assessments as part of the wider land use planning framework. Part 4

outlines the how consent authorities are to determine development applications, as well as identifying whether projects require an environmental impact statement. Part 9 outlines the implementation and enforcement of the EP&A Act. As part of this, there are Section 117 directions (2017 renumbering as Section 9.1-9.5). The Section 117 directions include the following in respect to Aboriginal heritage:

2.3[4] A planning proposal must contain provisions that facilitate the conservation of:

- a) items, places, buildings, works, relics, moveable objects or precincts of environmental heritage significance to an area, in relation to the historical, scientific, cultural, social, archaeological, architectural, natural or aesthetic value of the item, area, object or place, identified in a study of the environmental heritage of the area,
- b) Aboriginal objects or Aboriginal places that are protected under the National Parks and Wildlife Act 1974, and
- c) Aboriginal areas, Aboriginal objects, Aboriginal places or landscapes identified by an Aboriginal heritage survey prepared by or on behalf of an Aboriginal Land Council, Aboriginal body or public authority and provided to the relevant planning authority, which identifies the area, object, place or landscape as being of heritage significance to Aboriginal culture and people.

Cessnock Local Environmental Plan (LEP) 2011

The Cessnock LEP outlines triggers for heritage assessments as part of the Development Application process. It also protects heritage as listed in Schedule 5 of the LEP. The Finchley Aboriginal Area is protected under the Cessnock LEP, this area is not in the Study Area.

Section 5.10 of the Cessnock LEP outlines conservation objectives, requirements for consent, heritage assessment and management requirements, as well as conservation incentives.

With respect to Aboriginal heritage under section 5.10(8) it states that:

The consent authority must, before granting consent under this clause to the carrying out of development in an Aboriginal place of heritage significance:

- (a) consider the effect of the proposed development on the heritage significance of the place and any Aboriginal object known or reasonably likely to be located at the place by means of an adequate investigation and assessment (which may involve consideration of a heritage impact statement), and*
- (b) notify the local Aboriginal communities, in writing or in such other manner as may be appropriate, about the application and take into consideration any response received within 28 days after the notice is sent.*

Environmental Context

Aboriginal occupation was influenced by the environmental context, as such this section outlines the environment within, and surrounding, the Study Area to assist in the assessment of Aboriginal occupation patterns.

Geology and Soils

Surface geology is defined as the Rutherford Formation consisting of siltstone, marl, and minor sandstones belonging to the early Permian to Permian period (Geoscience Australia, 1972). The soils formed are therefore part of the Permian Singleton Coal measures that stretch from Newcastle on the coast to Murrurundi at the north-western end of the Hunter Valley. The soils have formed from softer sandstones, mudstones, siltstones and conglomerates. The soil in the Study Area belongs to the Branxton soil landscape.

Local soils comprise loam topsoils which grades on to a B2 horizon of clay (NSW Soil and Land Information System, 2016). Based on the soil samples taken at Nulkaba (Table 1), archaeological deposits are most likely to occur in the A1 and B1 Horizons to a depth of approximately 50 cm. There is only a moderate potential for Aboriginal artefacts to occur in the B2 Horizon as it is predominantly comprised of clay with some sand inclusions.

Table 1 Nulkaba Soils

Layer 1 0.00-0.10m A Horizon	Dark greyish brown (greyish yellow brown) (10YR 4/2) [moist] silty clay loam with strong pedality (polyhedral, 20 - 50 mm, rough-faced peds), common (10-25/10x10cm) roots (2-5mm), field pH is 6.5; smooth abrupt (5-20 mm) boundary to Layer 2.
Layer 2 0.10 – 0.50m B1 Horizon	Brown (dull yellowish brown) (10YR 4/3) [moist] fine clay loam sandy with moderate pedality (polyhedral, 10 - 20 mm, rough-faced peds), few (1- 10/10x10cm) roots (1-2mm), few (1-10/10x10cm) roots (2-5mm), few (1- 2/10x10 cm) roots (>5mm), field pH is 6.5; gradual (50-100 mm) boundary to Layer 3.
Layer 3 0.50-0.85m B2 Horizon	Yellowish brown (dull yellowish brown) (10YR 5/4) [moist] medium clay with weak pedality (polyhedral, 20 - 50 mm, rough-faced peds), few (1- 10/10x10cm) roots (1-2mm), field pH is 6.0. Layer notes are: Sandy medium clay

Topography and Hydrology

Located on the Cessnock river-plains, the site specifically is bordered by an ephemeral 2nd order stream on its Western border, at an approximately 80m Australian Height Datum and is relatively flat terrain. Major waterways nearby by include Black Creek approximately 1.5km to the East, and Oaky Creek 1km West-North-West. The Hunter River is located approximately 15km northeast of the Study Area.

Flora and Fauna

The Study Area is located within the broad vegetation formation of the Hunter-Macleay Dry Sclerophyll Forests (Keith, 2006). Vegetation in the past was likely to have comprised an upper story of spotted gum, narrow-leaved ironbark, grey box, grey gum, grey iron bark and turpentine. Shrubs are likely to have included silver stemmed wattle, forest oak, coffee bush, gorse bitter pea, peach

heath, large mock olive, narrow-leaved geebung and muttonwood (Keith, 2006, p. 124). Past fauna is likely to have included kangaroos, possums, gliders, reptiles and birds and thus would have provided food resources for Aboriginal people.

Land Use

The land is currently used as a rural residence with open paddocks to the west of the dwelling. The lot has been subject to previous clearing and only regrowth trees remain.

Synthesis

The geology suggests that there are no local outcrops of siliceous stone suitable for making artefacts. The soil landscape suggests that if subsurface Aboriginal artefacts were present they would be restricted to the upper 0.5m of topsoil (not accounting for local erosion). The terrain is relatively flat and therefore suitable for Aboriginal campsite occupation and the Study Area is located close to a first order stream which may have provided suitable drinking water. Flora and faunal resources were likely to have been present. The current land use has involved clearing of vegetation. Overall, the area is suitable for Aboriginal campsite occupation, but it is expected that more dense Aboriginal occupation would be located nearer to stream confluences and higher order streams.

Heritage Context

The heritage context outlines the previous Aboriginal sites that have been identified in the local area along with summaries of the heritage studies that have been undertaken.

Aboriginal Heritage Information Management System (AHIMS)

An Aboriginal Heritage Information Management System (AHIMS) search was conducted on the 27th of May, 2019. This search identified 88 Aboriginal Sites in the search area Eastings: 339756 - 349756, Northings: 6363110 – 6373110 (Table 2). None of these sites were in the Study Area, the closest being an isolated find located approximately 400m west and an artefact scatter located approximately 670m northwest (Figure 2).

Table 2 Summary of AHIMS Sites

Site Type	Frequency		Percentage
Isolated finds	34		38.64%
Open camp sites (Artefact scatters)	14		15.9%
Artefact/s (number unspecified)	31		35.23%
Potential Archaeological Deposit (PAD) with artefacts	3		3.41%
PAD	6		6.82%
	Total: 88	Destroyed: 10	Current Extant: 78

Analysis of the AHIMS search results indicate 33 isolated artefact finds, 13 open artefact sites, 31 unspecified artefact sites totalling 77 artefacts. All these site types are characterised by having Aboriginal stone artefacts present. There were three PAD with artefacts and six registered PADs with no artefactual material. Of the 88 items recorded, 78 remain extant and 10 have been destroyed.

The AHIMS results show that stone artefacts are the main type of Aboriginal object identified in the local area. Based on the AHIMS results it would be unlikely for rockshelters, scarred trees, art sites or grinding grooves to be present.

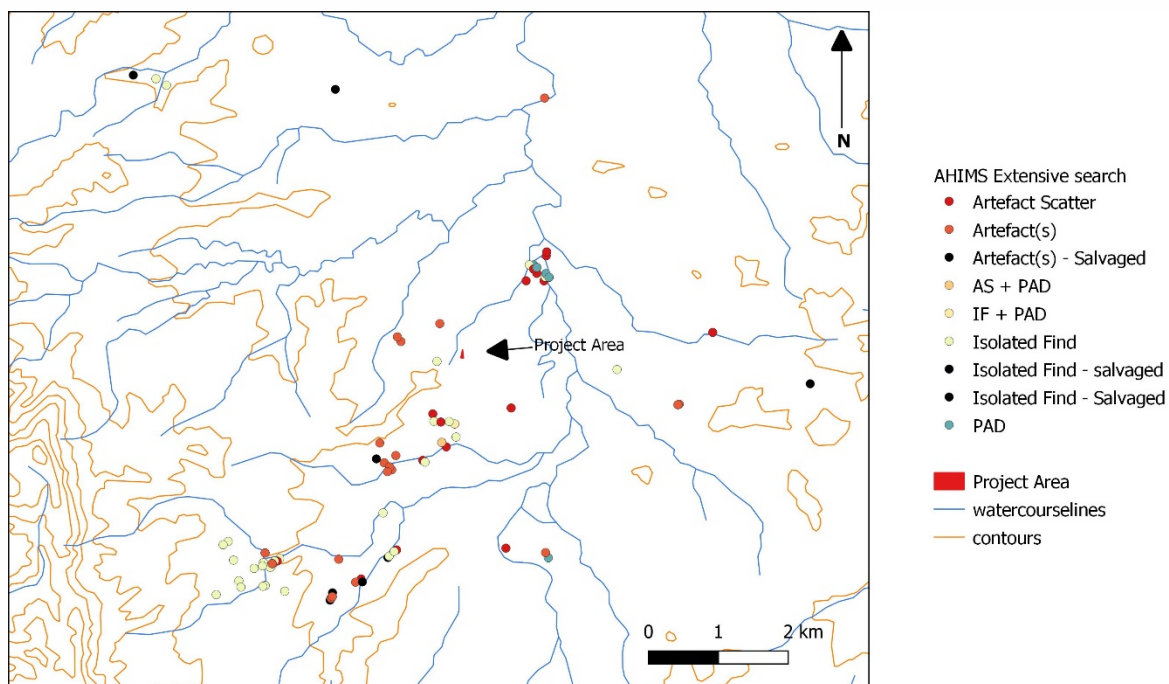


Figure 2 Study Area with AHIMS Search

Heritage Report Summaries

The following is a summary of heritage reports which have been conducted in the local area.

McCardle Heritage – Farley 2010

McCardle Heritage (MCH) (2010) prepared an Indigenous Archaeological Assessment for the identified land at Farley, approximately two kilometres south of Rutherford.

This Archaeological Assessment was carried out as part of plans to rezone the identified land to an appropriate residential zoning. The assessment was designed to identify areas of indigenous cultural heritage value, to determine possible impacts on any indigenous cultural heritage identified (including potential subsurface evidence) and to develop management recommendations where appropriate.

The on-site investigations were undertaken with local Aboriginal stakeholders. The investigations identified one artefact scatter and two isolated finds — all of which were disturbed and held little to no potential for in situ materials. One PAD was identified on the lands being assessed for re-zoning. MCH found no evidence of tool making, maintenance or repair, hearths, ovens, heat pits, high density and diversity of artefacts or grindstones that would indicate camping by indigenous populations.

The proposed rezoning was assessed as having no impact on extant archaeological sites. As part of mitigation strategies, MCH noted that any development following the re-zoning near to the PAD would require an archaeological subsurface investigation.

ERM – Cessnock Stages 1a and 1b upgrades (Hunter Water) 2011

Environmental Resource Management Australia (ERM) prepared a Heritage Assessment (HA) for lands to be impacted by a water pipeline upgrade in (2011). The HA considered Aboriginal and post-

contact historic heritage, alongside archaeology, as a means to identify any potential risks to heritage values arising from the pipeline upgrades.

ERM conducted a detailed site survey, a comprehensive heritage values assessment, heritage impact analysis, and Aboriginal consultations. An AHIMS report also was utilised to develop a Predictive Aboriginal Heritage Statement.

Investigations located a railway embankment of historic heritage value and a possible Chinese market garden identified as having historic archaeological potential. Alongside these, ERM located two silcrete stone artefacts and five PADs within the study area.

Of three possible new pipeline routes, two of these avoided any impact to sites of historic heritage value or archaeological potential. The report recommended that either of these two routes be utilised as a means to mitigate damage to the sites identified by the report.

AHMS – Aberdare Colliery c.2005

Archaeological and Heritage Management Solutions Pty Ltd (AHMS) (c2005) prepared a historical and archaeological assessment of the site of the former Aberdare Extended Colliery, Cessnock, NSW.

During the survey one Aboriginal site was identified just outside the study area on the northeastern boundary. It contained 9 artefacts, including backed blades and flakes and were made from tuff. As this site was beyond the study area, no recommendations were made for its management.

Umwelt – Stage 3 Modification, Austar Coal Mine Project 2011

Umwelt (2011) was engaged by Austar Coal to conduct an Aboriginal Cultural Heritage and Archaeological Assessment (ACHA) covering mine sites east of Paxton and to the south of Abernethy. The proposed project involved the reorientation of longwall panels within the Country recognized as belonging to the Wonnarua people.

The Umwelt ACHA sought to identify any visible surface archaeological materials or potential archaeological deposits (PADs) within the project impact area. In addition to this, the report aimed to record sufficient information on identified sites to inform the archaeological significance assessment.

An on-site survey was conducted between February and March, 2011. This survey located 13 previously unrecorded Aboriginal sites which included four isolated finds, four artefact scatters, four PADs and one potential scarred tree. Registered Aboriginal Parties involved in the survey assessed the PAD (ACM29) and potential scarred tree (ACM21) as being of high cultural significance, all other sites were identified as being of cultural significance. The potential for skeletal remains in the area was found to be low due to the predominance of acidic soils that were subject to wetting and drying cycles on land disturbed by historic land use practices.

Mining Subsidence Engineering Consultants (MSEC) noted that artefact scatters and isolated finds on-site could be impacted by cracking of the soil caused by mine subsidence. However, they stated that this was likely to be rare as the proposed depth of the project would not typically cause cracking. If minor cracking was to occur, MSEC identified areas of archaeological potential along Cony and Sandy Creek may also be affected.

An offset strategy was agreed upon between Austar and Aboriginal stakeholders with a monetary contribution of \$100,000 to an Aboriginal Program. This agreement was to offset potential impacts to a grinding groove identified in a previous survey of the area. Further to this, Umwelt recommended

that an ACHMP be prepared for the area to outline all Aboriginal heritage management strategies for the project.

Synthesis

Aboriginal stone artefact sites are present at most sites in the local area. There is a general patterning of Aboriginal sites being located in close proximity to water sources. Higher number of sites are found in the proximity of stream confluences. Stone raw materials identified in the region include tuff and silcrete and artefact types included flakes and backed blades.

Site Visit

The Study Area was inspected on Friday 7th June by Jason Brown (Mindaribba Local Aboriginal Land Council) and Tessa Boer-Mah (Heritage Now). The Study Area is located within 50m of a first order drainage line which has been dammed (on neighbouring property) (Plate 1). The Project Area was thinly covered in grass (Plate 2) with approximately 20% exposed ground near stables (Plate 3) and other areas subject to erosion. Overall visibility was approximately 30%.

Topsoils were A1 and B2 horizons in exposed areas (Plate 1 and Plate 3). There was no evidence for potential archaeological deposits in the Study Area.

No Aboriginal artefacts were identified. The area did contain silcrete cobbles (grey) with red/brown river cortex. These cobbles were broken, but had not been worked (Plate 4) and therefore are not classified as Aboriginal objects under the National Parks and Wildlife Act 1974.

Jason commented that overall the landscape was of cultural importance to Aboriginal people and that there are travelling stock routes and songlines in and around the Nulkaba area.

Summary Statement

No Aboriginal sites, potential archaeological deposits or places were identified during the site visit.

Impact Assessment

The purpose of this due diligence assessment is first to identify whether there are Aboriginal objects or places present in the Study Area and/or whether there are specific Aboriginal cultural constraints on the Study Area. The second aim is to identify whether the proposed activity will impact the Aboriginal heritage identified.

The proposed activity is the rezoning of the Study Area from large lot residential (R5) to village (RU5) and thus will match zoning of the rest of Lot 1552, DP1046610.

Jason Brown from Mindaribba Local Aboriginal Land Council commented that overall the landscape was of cultural importance to Aboriginal people and that there are travelling stock routes and songlines in and around the Nulkaba area.

The results of the survey identified there were no Aboriginal objects or places under the *National Parks and Wildlife Act 1974* are present in the Study Area.

This report has assessed Aboriginal heritage in the Study Area and has identified there are no heritage constraints to rezoning the heritage area. The proposed rezoning will not affect the heritage significance of the area. This report provides adequate assessment of the Study Area as per clause 5.10(8) of the Cessnock LEP and is consistent with the s117 direction.

Conclusion

This report has fulfilled the requirements under the Due Diligence Code of Practice for the Protection of Aboriginal Objects in NSW (OEH, formerly DECCW 2010). No Aboriginal objects, places or specific cultural areas were identified from the assessment of the Study Area.

This report has assessed Aboriginal heritage in the Study Area and has identified there are no heritage constraints to rezoning the heritage area. The proposed rezoning will not affect the heritage significance of the area. This report provides adequate assessment of the Study Area as per clause 5.10(8) of the Cessnock LEP and is consistent with the s117 direction.

Concluding Statement

There are no identified Aboriginal heritage constraints in relation to the rezoning of the Study Area.

References

- Archaeological and Heritage Management Solutions. (c2005). *Historical and Archaeological Assessment of the former Aberdare Extended Colliery, Cessnock*. AHIMS 102306: Report to Harper Somers O'Sullivan.
- ERM. (2011). *Cessnock Stages 1a and 1b Upgrades Hunter Water Stage 2 Heritage Assessment*. Report to Hunter Water Corporation.
- Geoscience Australia. (1972). *Geological Map of New South Wales 1:1000000*.
- Keith, D. (2006). *Ocean Shores to Desert Dunes: the Native Vegetation of New South Wales and the ACT*. Hurstville: Department of Environment and Conservation.
- McCardle Cultural Heritage. (2010). *Faley Investigation Area: Indigenous Archaeological Due Diligence Assessment*. AHIMS 102231: Report to ADW Johnson.
- Minerals Council. (2010). *NSW Minerals Industry Due Diligence Code of Practice for the Protection of Aboriginal Objects*. Sydney: NSW Minerals Council.
- NSW Soil and Land Information System. (2016). *Soils Essentials Report: Profile 930*.
- OEH, formerly DECCW. (2010). *Due Diligence Code of Practice for the Protection of Aboriginal Objects in NSW*. Sydney: Department of Environment, Climate Change and Water.
- Umwelt. (2011). *Aboriginal Cultural Heritage and Archaeological Assessment: Stage 3 Modification, Austar Coal Mine Project*. AHIMS 102381: Report to Austar Coal Mine.

Plates



Plate 1 View west towards first order drainage line which has been dammed, dam in top right of photo. The dam is on the neighbouring property the boundary of the Study Area is demarcated by the fence.



Plate 2 Study area was thinly covered in grass, view north.



Plate 3 Exposure near stables, view to east.



Plate 4 Silcrete cobble broken – but has not been worked and therefore is not classed as an Aboriginal object under the National Parks and Wildlife Act 1974.

Acronyms and Definitions

Acronym	Definition
AHIMS	Aboriginal Heritage Information Management System managed by OEH
AHIP	Aboriginal Heritage Impact Permit
DECCW	Department of Climate Change and Water, NSW, became the Office of Environment and Heritage in 2011
GDA	Geocentric Datum Australia
km/s	Kilometre/Kilometres
LALC	Local Aboriginal Land Council – Land Council under the Aboriginal Land Rights Act 1983
LEP	Local Environmental Plan
LGA	Local Government Area
OEH	Office of Environment and Heritage, NSW
m	Metric metres

Attachment 1 AHIMS Search

AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : 19052101 Nulkaba

Client Service ID : 423173

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
37-6-0993	BBAS1	AGD	56	343700	6364600	Open site	Valid	Artefact : -		98434,102381
	<u>Contact</u>	<u>Recorders</u>		Mrs.Angela Besant				<u>Permits</u>	1392,1976	
37-6-0994	BBAS2	AGD	56	343200	6364100	Open site	Valid	Artefact : -		98434,102381
	<u>Contact</u>	<u>Recorders</u>		Mrs.Angela Besant				<u>Permits</u>	1392,1976	
37-6-1722	OGC 5	GDA	56	344627	6366718	Open site	Valid	Artefact : 1		
	<u>Contact</u> Searle	<u>Recorders</u>		Jim Wheeler				<u>Permits</u>	3142,3309,3353	
37-6-1723	OGC 6	GDA	56	344489	6366548	Open site	Valid	Artefact : 11		
	<u>Contact</u> Searle	<u>Recorders</u>		Jim Wheeler				<u>Permits</u>	3142,3309,3353	
37-6-1724	OGC 7	GDA	56	344287	6367106	Open site	Valid	Artefact : 8, Potential Archaeological Deposit (PAD) : 2		
	<u>Contact</u> Searle	<u>Recorders</u>		Jim Wheeler				<u>Permits</u>	3142,3309,3353	
37-6-1731	OGC 1	AGD	56	344200	6366790	Open site	Valid	Artefact : 1		
	<u>Contact</u> T Russell	<u>Recorders</u>		Extent Heritage Pty Ltd - Pyrmont				<u>Permits</u>	3142,3309,3353	
37-6-1732	OGC 2	AGD	56	344500	6366750	Open site	Valid	Artefact : 1, Potential Archaeological Deposit (PAD) : 2		
	<u>Contact</u> T Russell	<u>Recorders</u>		Extent Heritage Pty Ltd - Pyrmont				<u>Permits</u>	3142,3309,3353	
37-6-1733	OGC 3	AGD	56	344300	6366780	Open site	Valid	Artefact : 6		
	<u>Contact</u> T Russell	<u>Recorders</u>		Extent Heritage Pty Ltd - Pyrmont				<u>Permits</u>	3142,3309,3353	
37-6-1734	OGC 4	AGD	56	344420	6366790	Open site	Valid	Artefact : 1		
	<u>Contact</u> T Russell	<u>Recorders</u>		Extent Heritage Pty Ltd - Pyrmont				<u>Permits</u>	3142,3309,3353	
37-6-1372	Kitchener PAD 1	AGD	56	345875	6364500	Open site	Valid	Potential Archaeological Deposit (PAD) : -		102381
	<u>Contact</u> T Russell	<u>Recorders</u>		Ms.Penny Mccardle				<u>Permits</u>	2129	
37-6-1677	NB 1	GDA	56	342866	6363922	Open site	Destroyed	Artefact : 1		
	<u>Contact</u> T Russell	<u>Recorders</u>		Jim Wheeler,Extent Heritage Pty Ltd - Pyrmont				<u>Permits</u>		
37-6-1678	NB 2	GDA	56	342881	6363953	Open site	Destroyed	Artefact : 1		
	<u>Contact</u> T Russell	<u>Recorders</u>		Extent Heritage Pty Ltd - Pyrmont,Mr.Allan Wheeler				<u>Permits</u>		
37-6-1679	NB 3	GDA	56	342899	6364049	Open site	Destroyed	Artefact : 1		
	<u>Contact</u> T Russell	<u>Recorders</u>		Extent Heritage Pty Ltd - Pyrmont				<u>Permits</u>		
37-6-2276	Mount View Road AS01	GDA	56	344157	6366314	Open site	Valid	Artefact : 8		102362
	<u>Contact</u>	<u>Recorders</u>		ERM Australia Pty Ltd- Sydney CBD,Ms.Holly Maclean				<u>Permits</u>	3420	
37-6-0948	C-IF-1 (Cessnock)	AGD	56	346810	6367710	Open site	Valid	Artefact : -		4402,102381
	<u>Contact</u>	<u>Recorders</u>		Mrs.Robynne Mills				<u>Permits</u>		

Report generated by AHIMS Web Service on 27/05/2019 for Tessa Boer-Mah for the following area at Datum :GDA, Zone : 56, Eastings : 339756 - 349756, Northings : 6363110 - 6373110 with a Buffer of 0 meters. Additional Info : heritage assessment. Number of Aboriginal sites and Aboriginal objects found is 88

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.

AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : 19052101 Nulkaba

Client Service ID : 423173

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
37-6-3412	Site 3 143 O'Connors Rd Nulkab	GDA	56	343812	6368326	Open site	Deleted	Artefact : -		
	Contact	Recorders	Mr.Giles Hamm Permits							
37-6-3413	Site 3 143 O'Connors Rd Nulkab;	GDA	56	343812	6368326	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Giles Hamm Permits							
37-6-3414	Site 1 143 O'Connors Road Nulkab	GDA	56	343760	6368404	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Giles Hamm Permits							
37-6-3552	Site 2 143 O'connor Rd Nulkaba	AGD	56	344259	6368450	Open site	Valid	Artefact : -		
	Contact	Recorders	Mr.Giles Hamm Permits							
37-6-1216	Cessnock 2	AGD	56	347709	6367136	Open site	Valid	Artefact : -		102381
	Contact	Recorders	MCH - McCardle Cultural Heritage Pty Ltd Permits 2977							
37-6-1217	Cessnock 1	AGD	56	347691	6367126	Open site	Valid	Artefact : -		102381
	Contact	Recorders	MCH - McCardle Cultural Heritage Pty Ltd Permits 2977							
37-6-1386	HH 1	AGD	56	345835	6364588	Open site	Valid	Artefact : -		102381
	Contact S Scanlon	Recorders	MCH - McCardle Cultural Heritage Pty Ltd Permits 2266							
45-3-3360	Former Aberdare Extended Colliery	GDA	56	345370	6364844	Open site	Valid	Artefact : 9		102306
	Contact	Recorders	Hunter Land Pty Ltd Permits							
37-6-1839	AR1_	GDA	56	345409	6367223	Open site	Valid	Artefact : 41		
	Contact	Recorders	Ms.Mary Dallas,Virtus Heritage ,Ms.Alison Lamond Permits 4395							
37-6-1987	OGC PAD 2	GDA	56	344423	6366624	Open site	Valid	Potential Archaeological Deposit (PAD) : 2, Artefact : -		
	Contact	Recorders	Jim Wheeler,Virtus Heritage ,Ms.Alison Lamond Permits 3142,3309,3353,4395							
37-6-1988	OGC PAD 1	GDA	56	344423	6366624	Open site	Valid	Potential Archaeological Deposit (PAD) : 2		
	Contact	Recorders	Jim Wheeler Permits 3142,3309,3353							
37-6-1906	Hunter TEC Ironbark Lane 1	AGD	56	348171	6368361	Open site	Valid	Artefact : 100		
	Contact	Recorders	Mr.Roger Mehr Permits							
37-6-2859	Reburial Site Mount View Road	GDA	56	344189	6366286	Open site	Valid	Artefact : 1		
	Contact	Recorders	Hunter Water Corporation - Newcastle,Ms.Laura Farquharson Permits							
37-6-3224	RPS North Bellbird 3	GDA	56	343227	6364233	Open site	Valid	Artefact : -		
	Contact	Recorders	RPS Australia East Pty Ltd -Hamilton Permits							
37-6-3167	RPS North Bellbird 1	GDA	56	342978	6364618	Open site	Valid	Artefact : -		
	Contact	Recorders	Ms.Laraine Nelson Permits							
37-6-3168	RPS North Bellbird 2	GDA	56	342879	6363954	Open site	Valid	Artefact : -		

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : 19052101 Nulkaba

Client Service ID : 423173

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
37-6-0830	WP 18 (Cessnock)	AGD	56	339800	6372595	Open site	Destroyed	Artefact : -	Open Camp Site	4564,97875,98 174
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>	1011,3713	
37-6-0831	WP 19	AGD	56	342700	6372400	Open site	Destroyed	Artefact : -	Open Camp Site	4564,97875,98 174
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>	998	
37-6-0686	Cessnock Landfill 1;	AGD	56	349580	6367510	Open site	Destroyed	Artefact : -	Isolated Find	3284,98174
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
37-6-1040	Mt View 1	AGD	56	343500	6366076	Open site	Valid	Artefact : -		98434,102381
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
37-6-1041	Mt View 2	AGD	56	343610	6365958	Open site	Valid	Artefact : -		102381
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
37-6-1042	Mt View 3	AGD	56	343579	6366008	Open site	Valid	Artefact : -		98434,102381
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
37-6-1043	Mt View 4	AGD	56	343549	6365925	Open site	Valid	Artefact : -		98434,102381
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
37-6-1044	Mt View 5	AGD	56	343665	6366202	Open site	Valid	Artefact : -		98434,102231, 102381
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
37-6-1126	Mt View IF2	AGD	56	343430	6366410	Open site	Valid	Artefact : -		102381
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>	1819	
37-6-1127	Mt View IF3	AGD	56	343387	6366140	Open site	Destroyed	Artefact : -		
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>	1819	
37-6-1675	LP 1	GDA	56	340384	6372621	Open site	Valid	Artefact : 1		
	<u>Contact</u> T Russell	<u>Recorders</u>						<u>Permits</u>		
37-6-1676	LP 2	GDA	56	340231	6372727	Open site	Valid	Artefact : 1		
	<u>Contact</u> T Russell	<u>Recorders</u>						<u>Permits</u>		
37-6-1680	NB 4	GDA	56	343324	6364239	Open site	Destroyed	Artefact : 1		
	<u>Contact</u> T Russell	<u>Recorders</u>						<u>Permits</u>		
37-6-1681	NB 5	GDA	56	343683	6364658	Open site	Destroyed	Artefact : 1		
	<u>Contact</u> T Russell	<u>Recorders</u>						<u>Permits</u>		
37-6-1682	NB 6	GDA	56	343700	6364681	Open site	Valid	Artefact : 1		
	<u>Contact</u> T Russell	<u>Recorders</u>						<u>Permits</u>		
37-6-1683	NB 7	GDA	56	343770	6364763	Open site	Valid	Artefact : 1		
	<u>Contact</u> T Russell	<u>Recorders</u>						<u>Permits</u>		

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : 19052101 Nulkaba

Client Service ID : 423173

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
37-6-1684	NB 8	GDA	56	342216	6364064	Open site	Valid	Artefact : 1		
	Contact	T Russell	Recorders	Jim Wheeler,Extent Heritage Pty Ltd - Pyrmont					Permits	
37-6-1685	NB 9	GDA	56	342134	6364619	Open site	Valid	Artefact : 1		
	Contact	T Russell	Recorders	Jim Wheeler,Extent Heritage Pty Ltd - Pyrmont					Permits	
37-6-1686	NB 10	GDA	56	342099	6364573	Open site	Valid	Artefact : 100		
	Contact	T Russell	Recorders	Jim Wheeler,Extent Heritage Pty Ltd - Pyrmont					Permits	
37-6-1687	NB 11	GDA	56	342059	6364574	Open site	Valid	Artefact : 1		
	Contact	T Russell	Recorders	Jim Wheeler,Extent Heritage Pty Ltd - Pyrmont					Permits	
37-6-1688	NB 12	GDA	56	342030	6364503	Open site	Valid	Artefact : 1		
	Contact	T Russell	Recorders	Jim Wheeler,Extent Heritage Pty Ltd - Pyrmont					Permits	
37-6-1689	NB 13	GDA	56	342002	6364466	Open site	Valid	Artefact : 1		
	Contact	T Russell	Recorders	Jim Wheeler,Extent Heritage Pty Ltd - Pyrmont					Permits	
37-6-1690	NB 14	GDA	56	341555	6364229	Open site	Valid	Artefact : 1		
	Contact	T Russell	Recorders	Jim Wheeler,Extent Heritage Pty Ltd - Pyrmont					Permits	
37-6-1691	NB 15	GDA	56	341770	6364444	Open site	Valid	Artefact : 1		
	Contact	T Russell	Recorders	Jim Wheeler,Extent Heritage Pty Ltd - Pyrmont					Permits	
37-6-1692	NB 16	GDA	56	341901	6364543	Open site	Valid	Artefact : 1		
	Contact	T Russell	Recorders	Jim Wheeler,Extent Heritage Pty Ltd - Pyrmont					Permits	
37-6-1693	NB 17	GDA	56	341934	6364156	Open site	Valid	Artefact : 1		
	Contact	T Russell	Recorders	Jim Wheeler,Extent Heritage Pty Ltd - Pyrmont					Permits	
37-6-1694	NB 18	GDA	56	341901	6364142	Open site	Valid	Artefact : 1		
	Contact	T Russell	Recorders	Jim Wheeler,Extent Heritage Pty Ltd - Pyrmont					Permits	
37-6-1695	NB 19	GDA	56	343602	6365415	Open site	Valid	Artefact : 1		
	Contact	T Russell	Recorders	Extent Heritage Pty Ltd - Pyrmont					Permits	
37-6-1696	NB 20	GDA	56	341586	6364124	Open site	Valid	Artefact : 1		
	Contact	T Russell	Recorders	Jim Wheeler,Extent Heritage Pty Ltd - Pyrmont					Permits	
37-6-1697	NB 21	GDA	56	341391	6364894	Open site	Valid	Artefact : 3		
	Contact	T Russell	Recorders	Jim Wheeler,Extent Heritage Pty Ltd - Pyrmont					Permits	
37-6-1698	NB 22	GDA	56	341320	6364838	Open site	Valid	Artefact : 1		
	Contact	T Russell	Recorders	Jim Wheeler,Extent Heritage Pty Ltd - Pyrmont					Permits	
37-6-1456	Kerlew 1	AGD	56	344229	6367808	Open site	Valid	Artefact : 1		
	Contact	T Russell	Recorders	Mrs.Angela Besant					Permits	
37-6-1465	Hightrade 1	AGD	56	345700	6372300	Open site	Valid	Artefact : -		
	Contact	T Russell	Recorders	South East Archaeology					Permits	

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : 19052101 Nulkaba

Client Service ID : 423173

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
37-6-1699	NB23	GDA	56	341473	6364579	Open site	Valid	Artefact : 1		
	<u>Contact</u>	T Russell	<u>Recorders</u>	Jim Wheeler,Extent Heritage Pty Ltd - Pyrmont				<u>Permits</u>		
37-6-1700	NB24	GDA	56	341235	6363989	Open site	Valid	Artefact : 1		
	<u>Contact</u>	T Russell	<u>Recorders</u>	Jim Wheeler,Extent Heritage Pty Ltd - Pyrmont				<u>Permits</u>		
37-6-1701	NB25	GDA	56	341889	6364489	Open site	Valid	Artefact : 1		
	<u>Contact</u>	T Russell	<u>Recorders</u>	Jim Wheeler,Extent Heritage Pty Ltd - Pyrmont				<u>Permits</u>		
37-6-2096	SPC 1	GDA	56	345916	6369449	Open site	Valid	Artefact : 1		
	<u>Contact</u>		<u>Recorders</u>	Mr.Rick Bullers				<u>Permits</u>	4065	
37-6-2097	SPC 2	GDA	56	345845	6369387	Open site	Valid	Artefact : 16		
	<u>Contact</u>		<u>Recorders</u>	Mr.Rick Bullers				<u>Permits</u>	4065	
37-6-2098	SPC 3	GDA	56	345866	6369451	Open site	Valid	Artefact : 1		
	<u>Contact</u>		<u>Recorders</u>	Mr.Rick Bullers				<u>Permits</u>	4065	
37-6-2099	SPC 4	GDA	56	345740	6369512	Open site	Valid	Artefact : 2		
	<u>Contact</u>		<u>Recorders</u>	Mr.Rick Bullers				<u>Permits</u>	4065	
37-6-2100	SPC 5	GDA	56	345589	6369385	Open site	Valid	Artefact : 10		
	<u>Contact</u>		<u>Recorders</u>	Mr.Rick Bullers				<u>Permits</u>	4065	
37-6-2101	St Phillips PAD 1	GDA	56	345692	6369656	Open site	Valid	Potential Archaeological Deposit (PAD) : 1		
	<u>Contact</u>		<u>Recorders</u>	Mr.Rick Bullers				<u>Permits</u>	4065	
37-6-2102	SPC 6	GDA	56	345577	6370065	Open site	Not a Site	Artefact : 1		102655
	<u>Contact</u>		<u>Recorders</u>	Mr.John Appleton,Mr.Rick Bullers,Ms.Alexandra Byrne				<u>Permits</u>	3417	
37-6-2103	SPC7	GDA	56	345629	6369656	Open site	Valid	Artefact : 1		
	<u>Contact</u>		<u>Recorders</u>	Mr.Rick Bullers				<u>Permits</u>	4065	
37-6-2104	SPC8	GDA	56	345692	6369586	Open site	Valid	Artefact : 15		
	<u>Contact</u>		<u>Recorders</u>	Mr.Rick Bullers				<u>Permits</u>	4065	
37-6-2105	SPC9	GDA	56	345871	6369813	Open site	Valid	Artefact : 18		
	<u>Contact</u>		<u>Recorders</u>	Mr.Rick Bullers				<u>Permits</u>	4065	
37-6-2106	SPC10	GDA	56	345877	6369879	Open site	Valid	Artefact : 10		
	<u>Contact</u>		<u>Recorders</u>	Mr.Rick Bullers				<u>Permits</u>	4065	
37-6-2107	St Phillips PAD 2	GDA	56	345871	6369512	Open site	Valid	Potential Archaeological Deposit (PAD) : 1		
	<u>Contact</u>		<u>Recorders</u>	Mr.Rick Bullers				<u>Permits</u>	4065	

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Extensive search - Site list report

Your Ref/PO Number : 19052101 Nulkaba

Client Service ID : 423173

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
37-6-2108	St Phillips PAD 3	GDA	56	345916	6369449	Open site	Valid	Potential Archaeological Deposit (PAD) : 1		
	<u>Contact</u>							<u>Permits</u>	4065	
37-6-2109	St Phillips PAD 4	GDA	56	345740	6369612	Open site	Valid	Potential Archaeological Deposit (PAD) : 1		
	<u>Contact</u>							<u>Permits</u>	4065	
37-6-3663	RPS Bellbird IS 1_2016	GDA	56	341923	6364708	Open site	Valid	Artefact : -		
	<u>Contact</u>							<u>Permits</u>		
37-6-3664	RPS Bellbird IS 2_2016	GDA	56	342898	6363983	Open site	Valid	Artefact : -		
	<u>Contact</u>							<u>Permits</u>		
37-6-3665	RPS Bellbird IS 3_2016	GDA	56	342028	6364528	Open site	Valid	Artefact : -		
	<u>Contact</u>							<u>Permits</u>		
37-6-3666	RPS Bellbird IS 4_2016	GDA	56	342028	6364528	Open site	Valid	Artefact : -		
	<u>Contact</u>							<u>Permits</u>		
37-6-3681	RPS Bellbird IS 3	GDA	56	342028	6364528	Open site	Valid	Artefact : -		
	<u>Contact</u>							<u>Permits</u>		
37-6-3682	RPS Bellbird IS 2	GDA	56	342898	6363983	Open site	Valid	Artefact : -		
	<u>Contact</u>							<u>Permits</u>		
37-6-3683	RPS Bellbird IS 1	GDA	56	341923	6364708	Open site	Valid	Artefact : -		
	<u>Contact</u>							<u>Permits</u>		

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