SANCROX QUARRY EXPANSION PROJECT (SSD 7293)

Koala Survey and Assessment

Prepared for:

Hanson Heidelberg Cement Group Level 8, 2-12 Macquarie Street PARRAMATTA NSW 2150



PREPARED BY

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DOCUMENT CONTROL

Reference	Date	Prepared	Checked	Authorised
630.11478-R01-v2.2	30 December 2020	Caitlin Cross and Amanda Lane (Biolink)	J Pepper	J Pepper



EXECUTIVE SUMMARY

Project Description and Background

Hanson Heidelberg Cement Group Pty Ltd (Hanson) is seeking project approval for the expansion of the existing Sancrox hard rock quarry. The Sancrox Quarry Expansion Project (SSD-7293) will involve extending the life of the quarry to 30 years and increasing approved extraction limits of 175, 00m³. In their updated submission on the EIS, the Department of Planning, Industry and Environment requested the Biodiversity Assessment Report (BAR) should be amended to calculate required species credits for the Koala.

As part of the response to submissions on the EIS, Hanson has engaged SLR and Biolink to conduct supplementary surveys across the Sancrox project site to determine current Koala utilisation of the site and to update the assessment of impacts on the Koala. The aim of these surveys is to address the BCD concerns regarding impacts on the Koala and revaluate the ecological importance of the site for the local population of Koala.

Field Survey and results

Field surveys were conducted by SLR Consulting and Biolink on the 12-13 October 2020. These surveys included using RGb-SAT and nocturnal (spotlighting) surveys. Koala faecal pellets were recorded at eight of the 15 sampled field sites, and of the eight sites, four returned significant activity levels of 'medium' or 'high' use. One Koala was sighted during nocturnal spotlighting transects approximately 50 m west of the existing quarry wall. This is indicated the presence of one or more resident Koalas within the site.

Discussion

Ecological analysis of Koala activity levels identified two Koala activity cells adjoining the western edge of the quarry, reaching both the northern and southern boundary of the site, as well as another cell in the western portion of the site. Survey data implies the site as a high use area, with one or more resident Koalas within the study area.

Based on the current survey results and modelled activity levels, combined with previous Koala survey results, and the widespread occurrence of several Koala feed trees within the forested parts of the site, the site is considered to be habitat for the Koala, as a species credit species under the Framework for Biodiversity Assessment. The total area of Koala habitat within the site is estimated to be around 42.6 hectares.

The removal of Koala habitat associated with the proposed expansion of the Sancrox Quarry will reduce the availability of foraging and breeding habitat for the local Koala population and will increase barriers to local movement and dispersal of Koalas in the locality, particularly in a north-south direction.

Conclusion

On the basis of the current findings, and with reference to the procedures for calculating impacts on species credit species in the Framework for Biodiversity Assessment, a species polygon should be drawn for all areas of Koala habitat removal on the site and the associated species credits for the Koala calculated.



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1 Introduction

1.1 Background

Hanson Heidelberg Cement Group Pty Ltd (Hanson) is seeking project approval for the expansion of the existing Sancrox hard rock quarry. The Sancrox Quarry Expansion Project will involve extending the life of the quarry to 30 years and increasing approved extraction limits by 175, 000 m³. The Sancrox Quarry Expansion Project (SSD-7293) is a State Significant Development (SSD) as defined under *State Environmental Planning Policy* (*State and Regional Development*) 2011 (SRD SEPP) and will require development consent under Part 4, Division 4.1 of the *NSW Environmental Planning and Assessment Act 1979* (EP&A Act). Hanson has prepared an environmental impact statement (EIS) according to the requirements for SSD projects and the EIS has been submitted and exhibited. As part of the preparation of the EIS, SLR prepared a Biodiversity Assessment Report in accordance with the *Framework for Biodiversity Assessment* (FBA, OEH 2014a).

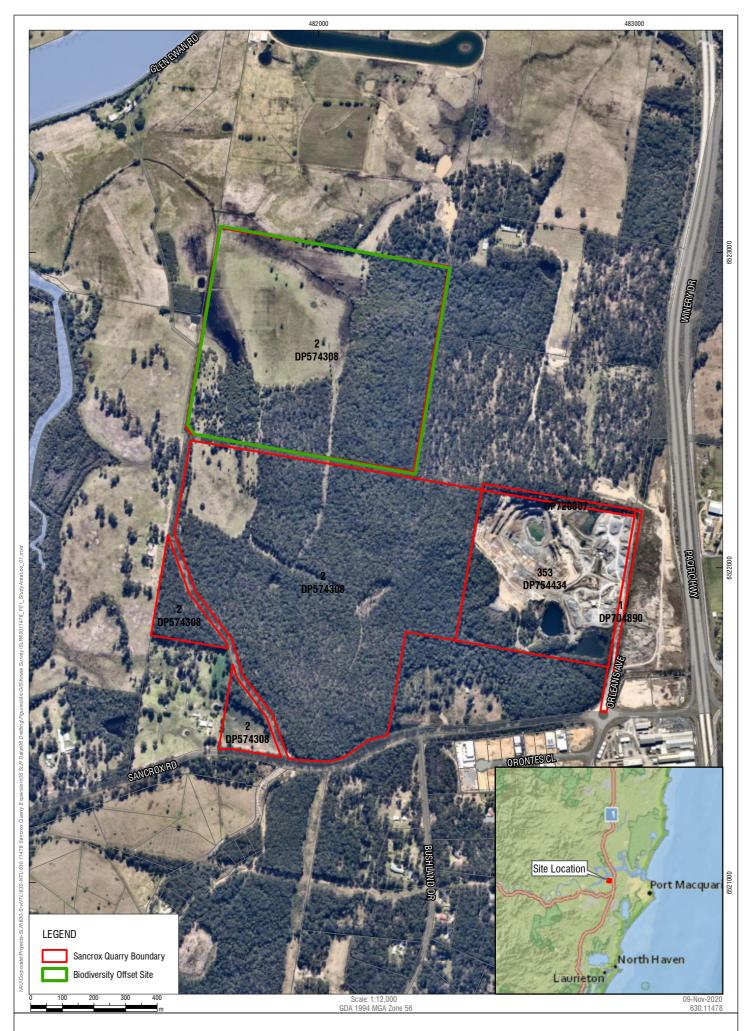
In the updated submission on the EIS (see letter DOC20/211538, dated 3 April 2020), the Department of Planning, Industry and Environment (DPIE), Biodiversity Conservation Division (BCD) commented, *inter alia*, as follows: "As evidence of the koala has been previously recorded on site, the BAR should be amended to calculate the required species credits". In response to the BCD submission, Hanson has engaged SLR and Biolink to conduct supplementary surveys across the Sancrox project site ('the site') to determine current Koala utilisation of the site. The aim of these surveys is to address the BCD concerns regarding impacts and revaluate the ecological importance of the site for the local population of Koala. Subsequently, a determination can be made on whether the impacts of the project on Koala habitat will necessitate the generation and purchase of Koala species credits according to the FBA. The results and conclusions of the report are based on field surveys and data provided by Biolink in combination with the assistance of SLR ecology staff.

Several surveys targeting the Koala have been completed on the Sancrox site and within the wider Port Macquarie Hastings local government area over recent years (see **Section 3.1**). Most recently, Koala surveys were conducted by SLR in late 2015 as part of the Biodiversity Assessment Report (BAR) for the SSD application (see SLR 2019). The results of those surveys indicated that Koala activity levels were 'Low' according to the Spot Assessment Technique (SAT) criteria. On this basis, species credits for the Koala were not calculated (in accordance with the FBA) to address impacts on Koala habitat as a result of the proposed development.

1.2 Site Location and Description

Sancrox Quarry (the Study Area) is located on Lot 353 DP754434 and on Lot 2 DP574308, north-east of the Sancrox Road and Frogs Road intersection approximately 8 km west of Port Macquarie, in the Port Macquarie-Hastings Local Government Area (**Figure 1**). The majority of the study area is covered with natural forest vegetation that has been modified by past logging and grazing, with some cleared areas at the extremities of the study area. The proposed expansion of the quarry will result in the removal of approximately 42.6 ha of native vegetation.







1.3 Koala ecology and Habitat

The Koala (*Phascolarctos cinereus*) is listed as Vulnerable on both the NSW *Biodiversity Conservation Act 2016* (BC Act) and on the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). The Koala has a fragmented distribution throughout eastern Australia from the inhabiting a range of eucalypt forest and woodland communities usually where preferred browse species of eucalypt occur, from northeastern Queensland to south-eastern South Australia and to the west of the Great Dividing Range. Port Macquarie is considered one of the important population centres for Koalas (Ecotone 2013).

Koalas are fundamentally solitary animals that occupy a small home range that may overlap with other individuals. In preferred habitat female Koalas have a home range of approximately 1 hectare, whereas males have approximately 1 to 1.5 hectares, depending on their age and size. Koala home ranges will vary in size depending on the quality of the habitat and suitability, with home range size varying from less than two hectares, to several hundred hectares during breeding season (DPIE 2019). The breeding season for the Koala peaks between September and February. The young spend the first six months in the pouch and are then carried on the mothers back. At 12 months of age the young are independent, but do not reach sexual maturity until they are two years of age (DPIE 2019).

Koalas are known to use a variety of eucalyptus and non-eucalyptus species throughout NSW (DPIE 2020). A review of Koala tree use identified approximately 137 tree species in 2018, but following consultation with Koala experts, the list was refined to 123 species in the *Koala Habitat Information Base Technical Guide* (DPIE 2020). These 123 tree species were categorised into nine distinct regions, according to feed tree preferences in each region. Port Macquarie (and the subject site at Sancrox) is located within the North Coast region and contains a total of 42 Koala use tree species (DPIE 2020).





2 Koala assessment methodology

2.1 Overall assessment methodology

Field assessments were undertaken using RGb-SAT (Regularised Grid-based Spot Assessment Technique) underpinned by the protocols of Phillips and Callaghan (2011) and two consecutive nights of spotlight searches along a walking transect. Field transects were carried out by Biolink ecologists Dr. Amanda Lane and Kristen Wallis and SLR Ecologist Caitlin Cross.

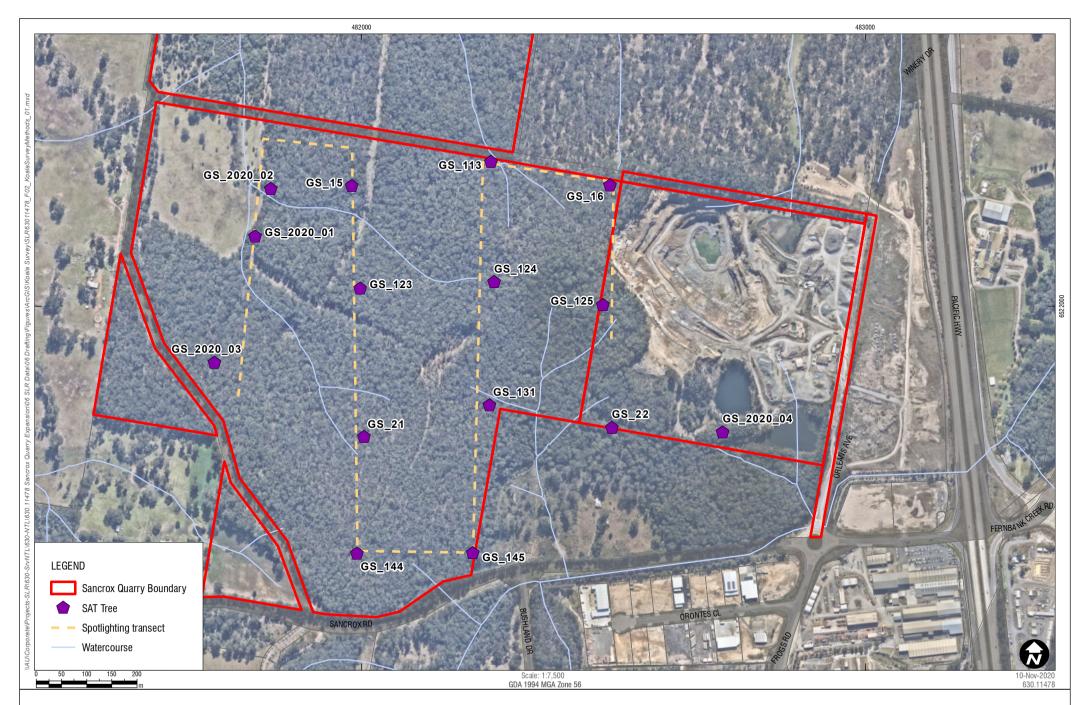
Field survey assessments were undertaken across the study area on the 12-13 October 2020, during which time 15 SAT sites were assessed and a 3 km walking spotlight transect was undertaken on two consecutive nights.

2.2 SAT survey

The study area was initially overlain with a 250 m grid and aerial imagery to identify potential sampling points that are spatially independent and occur within an area of mapped eucalypt woodland/forest. Eleven of these 15 sites were previously surveyed by Biolink (2011). Coordinates (UTM) were determined for each corresponding sampling point and uploaded into a hand-held GPS to enable location in the field. Once a sampling point was located, Koala activity was measured using the SAT protocols of Phillips and Callaghan (2011). Koala activity (measured as a percentage, %) was determined based on the number of trees with Koala faecal pellets within a prescribed search area of 1 m around the base of a tree that has a stem diameter greater than 100 mm at breast height (DBH), accounting for the total number of trees sampled, up to a maximum of 30. By way of example, three positive trees (ie trees with scats present within 1 m of the base) out of 30 would yield a Koala activity score of 10 %.

The distribution of surveyed field sites (ie SAT sites) is illustrated in **Figure 2** and scanned copies of survey data sheets are provided in **Appendix A**.







2.3 Nocturnal (spotlighting) surveys

Spotlighting was undertaken from 7:30 pm to 10:30 pm on 12 and 13 October 2020. Nocturnal surveys consisted of spotlighting transects that were designed to sample the variety of vegetation types and hence Koala habitat types across the site. A series of walked traverses was completed across the site over two nights, with the same transect alignment repeated on the second night. The transect alignment is shown in **Figure 2.** The length of the transect totalled approximately 3 km; the precise location of the centreline of the transect was subject to minor variations based on local topography.

2.4 Spatial modelling

Habitat utilisation / naïve occupancy was calculated by Biolink according to the number of active sites (ie SAT sites) divided by the total number of sites. This value is reported with a standard error (SE).

Koala activity data from all SAT sites were interpolated using regularised, thin-plate splining techniques using the spatial analyst extension in ArcGIS 10.5, performed by Biolink. Output from the splining process was used to produce an activity contour model to delineate areas occupied by resident Koala populations by identifying contours greater than 10 % indicating significant activity thresholds of Phillips and Callaghan (2011) as detailed in **Table 1**. Lower activity contours were included in the activity model to assist with interpretation of connectivity. This process produces a meta-population model (or contour map) that delineates important 'source' areas supporting established resident Koala populations. These modelled areas of significant Koala activity tend to encapsulate most contemporary Koala records including 100 % of breeding families (Biolink 2007).

Given the occurrence of Preferred Koala Food Trees (PKFTs) such as grey gum across the study area, Koala activity was interpreted in the terms of the East Coast (low) population density level of utilisation as defined by Phillips and Callaghan (2011).

Table 1 Categorisations of Koala activity[#]

Activity category	Low use	Medium (normal) use	High use
East Coast (low)	<9.97%	≥ 9.97% but ≤ 12.59%	>12.59%

[#] Based on use of mean activity level ± 99% confidence intervals. Activity levels in the medium (normal) and High use range for East Coast (low) activity categories indicates occupancy by resident koala populations



3 Survey Results

3.1 Previous Surveys

Several surveys targeting the Koala have been completed on the Sancrox site and also within the wider Port Macquarie Hastings local government area over the last 10 years. The ecological assessment completed for the *Greater Sancrox Structure Plan* (Biolink 2011) identified two small areas of significant Koala activity, of which both are located within the site. Although no Koalas were recorded on the site, the recording of scats provided enough data to model the distribution of core Koala habitat. Two populations of less than 10 to 15 individuals were predicted to utilise the bushland within and around the site and were considered to be restricted to these areas by the Pacific Highway to the east and extensive clearing to the west and north. Accordingly, the Sancrox area was identified and mapped as an area of 'generational persistence', meaning that records extend beyond the lifespan of individual animals (Biolink, 2011).

Koala habitat mapping conducted by Biolink in 2013 identified the Port Macquarie-Hastings local government area in which the Sancrox Quarry is located as an area of high generational persistence and a high likelihood of Koalas occurring within the area (OEH 2014).

In a previous survey for Koalas on the Sancrox Quarry site, Ecotone (2013) recorded evidence of Koala activity in the form of scats and scratches on tree bark. However, no Koalas were sighted and no males were heard calling. Ecotone (2013) state that the evidence for the presence of Koalas (ie scratches on bark and scats) was not recent and was likely to be several months old. On this basis, Ecotone conclude that Koalas still utilise the habitats within the site for dispersal between other areas of habitat in the locality.

Similarly, SLR recorded evidence of Koala activity during field surveys in November 2015, being a small number of older scats and possible tree scratches (see SLR 2019). However, despite comprehensive searches for Koalas using visual inspection of feed trees, listening for male calls, spotlighting and the Spot Assessment Technique (10 SAT sites in total), no evidence via sightings or calls was recorded. The results of the SAT assessment indicated that Koala activity on the site at the time was 'Low'.

3.2 Koala Habitat

Fir the current survey, SAT surveys were conducted at 15 sites comprising of a total of 16 tree species during the surveys (**Table 2**). Of these, 15 species are listed as Koala feed trees (DPIE 2020). The full list of Koala feed trees for the North Coast Management Area, which incorporates the Sancrox locality, is listed in **Appendix B**.

Table 2 Tree species recorded as part of the SAT surveys within Sancrox Quarry

Scientific name	Common name	Koala use trees#
Allocasuarina torulosa	Forest Oak	Yes
Corymbia intermedia	Pink Bloodwood	Yes
Corymbia maculata	Spotted Gum	Yes
Eucalyptus sp.		Yes
Eucalyptus acmenoides	White Mahogany	Yes
Eucalyptus carnea	Thick-leaved Mahogany	Yes
Eucalyptus crebra	Narrow-leaved Ironbark	Yes



Scientific name	Common name	Koala use trees#
Eucalyptus glaucina	Slaty Red Gum	Yes
Eucalyptus globoidea	White Stringybark	Yes
Eucalyptus microcorys	Tallowwood	Yes
Eucalyptus pilularis	Blackbutt	Yes
Eucalyptus propinqua	Small-fruited Grey Gum	Yes
Eucalyptus robusta	Swamp Mahogany	Yes
Eucalyptus tereticornis	Forest Red Gum	Yes
Lophostemon confertus	Brush box	No
Melaleuca sp.		Yes

[#] Koala use trees as defined by DPIE (2020)

Vegetation mapping conducted as part of the BAR indicates that the forested parts of the site are classified into three plant community types (PCTs), as listed in **Table 3**.

Table 3 Plant Community Types (PCTs) mapped within the study area

PCT Code	PCT Name	TEC	Area (ha)
686	Blackbutt - Pink Bloodwood shrubby open forest of the coastal lowlands of the NSW North Coast Bioregion	Yes	0.6
1215	Spotted Gum - Grey Ironbark open forest of the Macleay Valley lowlands of the NSW North Coast Bioregion	No	11.0
1262	Tallowwood - Small-fruited Grey Gum dry grassy open forest of the foothills of the NSW North Coast	No	31.0
	Total Native Vegetation		42.6

Koala feed trees are present in all three PCTs and are distributed widely across the site. According to DPIE (2020), and based on the results of the BAR surveys and the current Koala survey, the site contains 13 Koala feed trees, as follows:

- Spotted Gum Corymbia maculata;
- Pink Bloodwood Corymbia intermedia;
- Small-fruited Grey Gum Eucalyptus propingua;
- Blackbutt Eucalyptus pilularis;
- Tallowwood Eucalyptus microcorys;
- Thick-leaved Mahogany Eucalyptus carnea;
- White Stringybark Eucalyptus globoidea;
- Grey Ironbark Eucalyptus siderophloia;
- Flooded Gum Eucalyptus grandis (in offset site);
- Broad-leaved Paperbark Melaleuca quinquenervia;
- Forest Red Gum Eucalyptus tereticornis (in offset site);



- Narrow-leaved Red Gum Eucalyptus seeana (in offset site); and
- Forest Oak Allocasuarina torulosa.

It is also noted that Koalas have been recorded feeding on Swamp Oak *Casuarina glauca* (which is more common in the offset site) at Bonville (G Leonard *pers. comm.* 2016), although Swamp Oak is not generally recognised as a Koala feed tree.

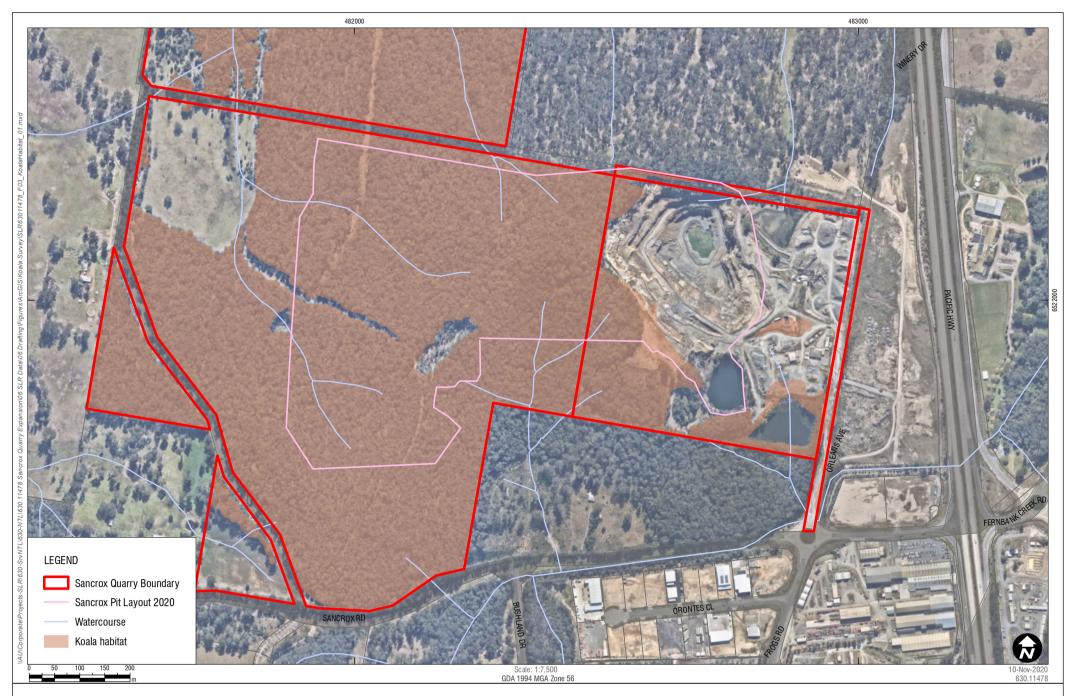
Given the widespread presence of Koala feed trees across the site, all PCTs mapped (in the BAR) as occurring on the site, comprising a total area of 42.6 hectares, are considered to constitute Koala habitat, in accordance with the methods for identification of species credits in the FBA. Consequently, a map of Koala habitat has been prepared by combining the PCTs mapped across the site, as shown **Figure 3**.

3.3 Koala Activity

Evidence of Koalas in the form of diagnostic faecal pellets was recorded at eight of the 15 sampled SAT sites (**Figure 4**) resulting in a habitat utilisation / naïve occupancy estimate of $53\% \pm 13\%$ (SE) of the available habitat. Eight SAT sites yielded evidence of Koalas with activity levels ranging from 3.33% - 33.33% (**Table 4**). Three sites returned 'high' activity levels (13.33% - 33.33%) and one site returned 'medium' activity level (10.00%) in accordance with Phillips and Callaghan (2011) (**Table 1**). Four sites yielded 'low' activity levels (3.33% - 6.67%) and the remaining sites returned no activity levels.

Koala activity data collected from the current field survey was modelled by Biolink to produce a set of activity contours, which are displayed on **Figure 5**. The Koala activity contours show an activity cell adjoining the western edge of the quarry, reaching both the northern and southern boundary of the site, as well as another cell in the western portion of the site, centred around sampling point GS_2021 (see **Figure 2**). These cells indicate high use areas within Koala home ranges, which may extend beyond the bounds of the study area.







Koala Habitat within Sancrox Quarry

Table 4 Koala activity level amongst SAT sites

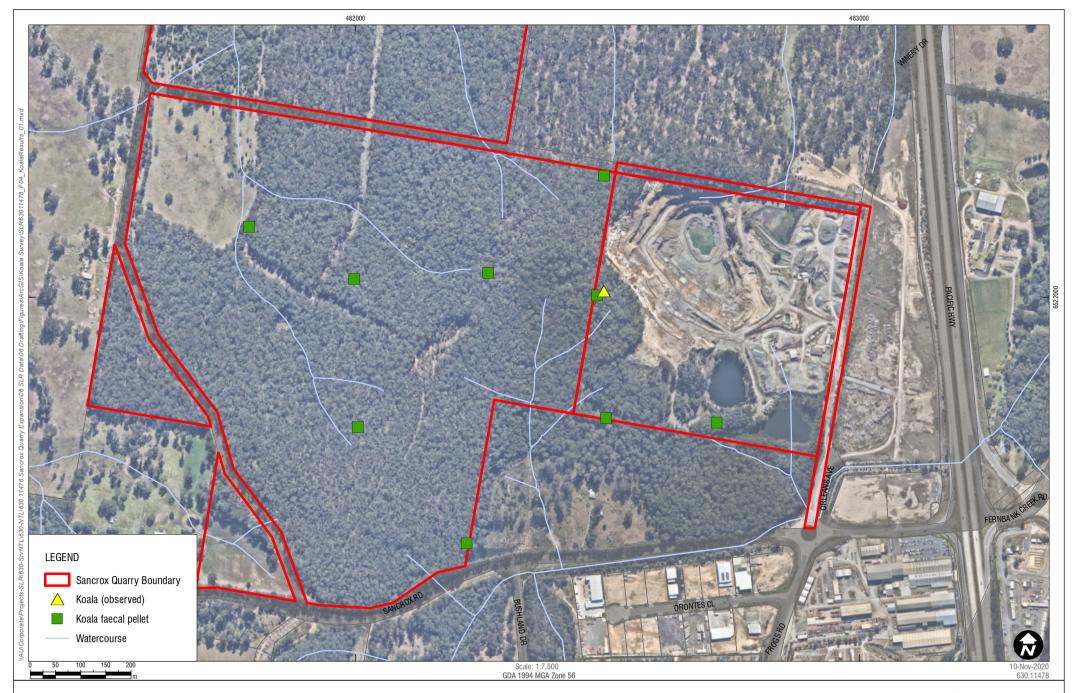
Site code	Total number of trees	Activity (as %)	Activity level	Easting	Northing
GS_113	30	0.00	Nil	482257	6522287
GS_123	30	10.00	Medium	481997	6522036
GS_124	31	6.45	Low	482263	6522048
GS_125	30	33.33	High	482479	6522003
GS_131	30	0.00	Nil	482254	6521805
GS_144	30	0.00	Nil	481991	6521511
GS_145	30	3.33	Low	482221	6521512
GS_15	30	0.00	Nil	481981	6522239
GS_16	30	13.33	High	482493	6522240
GS_2020_01	30	26.67	High	481789	6522139
GS_2020_02	30	0.00	Nil	481820	6522233
GS_2020_03	30	0.00	Nil	481708	6521889
GS_2020_04	30	3.33	Low	482717	6521751
GS_21	30	0.00	Nil	482005	6521742
GS_22	30	6.67	Low	482497	6521760

3.4 Koala Sightings

One Koala was sighted during nocturnal (spotlighting) surveys and the location of the sighting is shown in **Figure 4**. The young adult Koala sighted was found in a Spotted Gum *Corymbia maculata* approximately 50 m west of the existing pit wall.

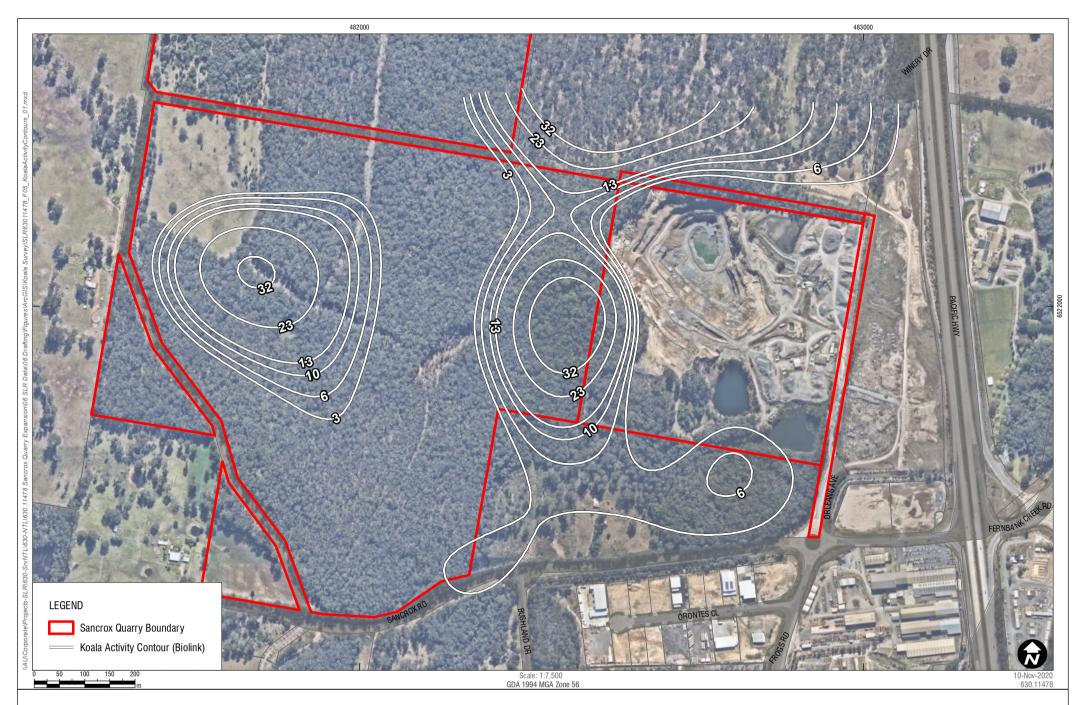
No Koalas were sighted in previous surveys conducted by SLR in 2015 or by Ecotone in 2013.







Locations of positive SAT sites and Koala sighting





Koala activity contours

4 Discussion and Conclusion

The proposed expansion of the Sancrox quarry will remove approximately 42.6 ha of Koala habitat of the lands comprising of the Sancrox Quarry. Previous survey data conducted by SLR in 2015 and Ecotone in 2013 indicated that Koala activity levels on site were 'Low'. The ecological analysis of Koala activity levels during the current survey identified two Koala activity cells adjoining the western edge of the quarry, reaching both the northern and southern boundary of the site, as well as another cell in the western portion of the site.

Survey data of direct and indirect evidence of the site as defined by Phillips and Callaghan (2011) identified medium and high use SAT sites within the activity cells indicating the presence of one or more resident Koalas within the Sancrox quarry. Additionally, the site has previously been mapped as an area of 'generational persistence' by Port Macquarie Council (OEH 2014). Historical modelling indicates that two populations of less than 10 to 15 individuals have utilised the Sancrox locality; however, these populations are restricted to these areas by the Pacific Highway to the east and extensive clearing to the west and north (PMHC 2015). The current survey results combined with areas of modelled high Koala activity and widespread presence of several Koala feed trees across the site indicates that the forested parts of the site all qualify as Koala habitat within the meaning of the FBA.

The proposed expansion of the Sancrox quarry will require the removal of around 42 ha of Koala habitat and may have the potential to negatively impact on local Koala movements and the home ranges of resident Koalas within the Sancrox study area. The site is considered to provide habitat for Koalas, with the presence of one or more resident Koalas within the study area. On the basis of the current findings and following Section 6 of the FBA, a 'species polygon' is required to be drawn around all Koala habitat within the site and species credits calculated.



5 References

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APPENDIX A

Koala SAT Field Sheets



SAT No: __GS_145__

Staff: Caitlin (SLR)

Date: 17 / \0/2020

SITE DATA

Amanda Kirsty

Datum	Z	one.			Ea	sting						lorthi	ng			±
GDA 94	5	6	4	8	2	2	2	1	6	5	2	1	5	1	2	3
Elevation				Asp	ect							Slope	е			
18	N	NE	Е	SE	S	sw	W	NW	(9 - 10		10	- 30		>30	

SAT DATA

	Tree sp	DBH (mm)	K	FP
1 (CT)	E.RO	288		-
2	C. Pro	244		_
3	C Cer	407	New	-
4	C RO	261	-	-
5	CPIS	032	-10	-
6	C.Cor	522		-
7	E. Pro	346	-	-
8	F.Cor	104		-
9	Alb.ca	128		-
10	Inter	460		
11	G. Cor	271	-	-
12	C · Corr	244	-	-
13	C. Ive	194	100	-
14	C. Glo	348		
15	E. Glo	263		-
16	E. Mic	133	-	_
17	EIMIC	1XX 550		X
18	E-Gla	400		
19	EGO	281		-
20	E. Pro	330	-,000	
21	E 612	375	The	n promise
22	EMIC	255		
23	Iran Borden	256		-
24	E.Prop	330		40
25	E. As	403		-
26	C. Inc	218	-	-
27	E.Glo	185	_	-
28	C. MIC	796	~	-
29	E Glo	468	_	-
30	E.MIC	410	,	-

1.	Soil	Landscape:	

2.	SAT Criteria:	1	2	(3)
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3. Age of pellets	Old	Mixed	Fresh

5.	Mean	%	groundcover	in	search	area:
			And the second second			

6. <u>Comm</u>	ents:			
				
		And Arristy surfaces and which reduces	*************	

7. No Koalas within 25m of CT: NIP

Checked by:	Kirsty	Date:	19/10/20	Entered by:	Kirsty	Date:	1010100
DAT	TA Checklist:		Database		Scanned	Filed [

SAT No: _GS_144 Staff: Contin (SLR) Amanda

Kirsty

Date: 1/2 / 1/2020

SITE DATA

Datum	Z	one.			Ea	sting					N	orthi	ng			±
GDA 94	5	6	4	8	1	9	9	\	6	5	2	1	5	}	1	3
Elevation				Asp	ect							Slope	9			
35	N	NE	Е	SE	S	sw	w	(NW)		0 - 10		10	- 30		>30	

	Tree sp	DBH (mm)	K	FP	
1 (CT)	E.Glo	290	_	-	1.
2	E-Gla	275	-	-	
3	E.Glo	193	-		
4	E.M.C	145	-	-	2
5	E. Glo	490	-	-	1,750
6	C.Glo	321	_	-	
7	e.612	385	-	dem.	2
8	E.Go	175	_		3.
9	E.Go	290	-		
10	E.P.O	298	-		
11	E.Glo	369	-		4.
12	C.Pro	255	_		
13	Irodoch	300		_	
14	E-610	513			5.
15	G.66	250	-		<
16	C.Glo	436	-	- manuf	,
17	C. Intereda	435	-	-	
18	@ 6h	267	_		6.
19	e.co	300			- [
20	E. MIC	217	_	_	-
21	E. Ro	275	-		-
22	Irobah	243	-		-
23	E.Glo	360			
24	E.Gh	273			
25	E.Glo	169			
26	C. Ao	360	_		***
27	E.car	117	_		7.
28	6.610	338	_		
29	C Interest	347	_		
30	C-Int	165	-	-	

1. Soil Landscape:
2. <u>SAT Criteria:</u> 1 2 3
3. Age of pellets: Old Mixed Fresh
4. <u>A/Level: Ø/ 3 </u>
5. Mean % groundcover in search area: < 30% (30 – 70% > 70%
6. Comments:
Possum Seats present
Possum Sects present
7. No Koalas within 25m of CT:NIP

Checked by:	Date: 19/10/20	Entered by:	Kirsty	Date: 12/10/20
DATA Checklist:	Databas	e 🗸	Scanned	Filed

30

Checked by:

280

Kirsty

DATA Checklist:

Date:

Date: 12/10/20.

Filed

SAT No: _GS_&_ Staff: Caitlin (SLR) Date: / 2/ /0/2020 Amanda Kirsty SITE DATA Easting Datum Northing ± Zone 5 2 3 6 8 **GDA 94** 5 6 4 Slope Elevation Aspect (N)0 - 10 (10 - 30 >30 NE E SE S SW W NW 26 SAT DATA Tree sp DBH (mm) FP 330 1. Soil Landscape: ___ 0.610 1 (CT) X 245 2 E. 610 E.cor 350 3 4 328 EGIO 2. SAT Criteria: 1 5 1, solach 410 6 508 listach whitedage 323 7 3. Age of pellets: Old Mixed Fresh white hogy 417 9 E-Gla 228 10 C. 610 120 C. for Cint 4. A/Level: 2/30 = 6.67% 11 218 12 E-610 192 505 13 CG3 C-tac Cint 317 14 5. Mean % groundcover in search area: 15 E-Glo 430 (< 30%) 30 – 70% > 70% Grengum 350 16 X 427 17 C.Pis 190 6. Comments: 18 E PIO Large Moropool Scots C.Co 487 19 Cotra Cint 3413 20 500 Irabake 21 223 22 E-PIS 23 E-Glo 135 24 108 25 122. 26 138 7. No Koalas within 25m of CT: NIA 27 405 28 200 29 304

Entered by: Kirsty

Database Scanned Scanned

SAT No: _GS__\(\sigma \) Staff: _Cartin (SLR) Date: \(\hat{1/0} /2020\) Amanda Kirsty

SITE DATA

Datum	Z	one			Ea	sting					1	Northi	ng			±
GDA 94	5	6	4	8	1.	9	8	1	6	5	2	2	2	3	9	3
Elevation				Asp	ect							Slope	3			
11	N	NE	Ε	SE	S	SW	w	NW	(0 - 10)	10	- 30		>30	

	Tree sp	DBH (mm)	K	FP
L (CT)	Grey Gum	226	200	-
2	E.GIO	283		
3	E. Glo	380	_	and the same of
4	Swarphelog	600		-
5	E-610	398	~	
6	CINC.	240		end'
7	EMIC	604	_	and the same of th
8	E-co-	433	-	
9	E. Cor	180	-	
10	E. 200 610	310	_	
11	E 80	1011 (2)		-
12	Mel-Spp	165		-
13	Mcl-Sep	161	-	_
14	E.10+	229	-	-
15	E. 101	303		and the same of th
16	C.Mic	520		
17	E. Mic	312		-
18	Transon	495		_
19	e. Mic	152	rise	- Sharp
20	Cric	390	****	
21	e. a.	286		_
22	white	410		O-Pro
23	I'm par	174	-4	-
24	C tocart	147	-	-
25	E intermedia	205	-	en e
26	E. Mic	245	-	_
27	chite makes	306	-	-
28	c. Inc	126		-
29	Mchog	442	-	
30	1131born	655		-

1. Soil Landscape:
2. <u>SAT Criteria:</u> 1 2 3
3. Age of pellets: Old Mixed Fresh
4. <u>A/Level:</u>
5. Mean % groundcover in search area: 30% 30 – 70% > 70%
6. Comments: Broshfail Posour Scar
7. No Koalas within 25m of CT: N/A

Checked by:	Date:	19/10/20	Entered by	Kirsty	Date:	120.
DATA Checklist:		Database		Scanned	Filed	

SAT No: _GS_123_

Staff: Contlin (SLR)

Date: 12 /0 /2020

SITE DATA

Amanda Kirsty

Datum		Zone Easting						Northing						±		
GDA 94	5	6	U	8	١	9	q	7	6	5	2	2	0	3	6	3
Elevation	Aspect Slope							9	J	L						
18	N	NE	Е	SE	S	sw	w	NW	(0 - 10		10	- 30		>30	Acres

SAT DATA

	Tree sp	DBH (mm)	K	FP
1 (CT)	E. 610	217	-	_
2	E. co-	3.49		-
3	100-barl	384	100000000000000000000000000000000000000	×
4	E Glo	290	_	_
5	C. Pro	260	Name of Street	-
6	E. 610	352 (2)	4	1000F*
7	E cor	370	-	_
8	E Glo	198	-	_
9	€ 000	722(2)		×
10	E Pro	337	~	
11	E-810	339		_
12	C. Int	560		X
13	E. Glo	224	10	
14	E Gla	356	-	-
15	E Glo	202	744	
16	E Plo	294	-	-
17	E Pro	220		_
18	E.RO	345 (2)		
19	E Ro	438	المراجع والمراجع والم	-
20	E-Pro	403		-
21	E-Gb	355	Actes	e-re
22	E Pro	243	******	-
23	CINT	227	_	
24	CP.	162		_
25	E.610	241	_	_
26	Ironbach	357	_	
27	0.610	235	****	VIII O
28	E co-	410	_	
29	E-Pro	373		-
30	E.Pro	447	_	

1. Soil Landscape:
2. <u>SAT Criteria:</u> 1 2 3
3. Age of pellets: Old Mixed Eresh
4. <u>A/Level:</u> _ <u>3</u> / <u>3</u> <u>0</u> = <u>1</u> 0 %
5. <u>Mean % groundcover in search area:</u> 30% 30 – 70% >70%
6. <u>Comments:</u>
•

7. No Koalas within 25m of CT: N/A

Checked by:	Date: 19/10/20	Entered by:	Kirsty	Date: 12/10/20
DATA Checklist:	Database		Scanned 🗸	Filed

Zone

6

NE

5

N

Date: 12 /\^ /2020

10 - 30

>30

SAT No: _GS__1070__07 Staff: _Cortlin (SLR)

8

SE

Aspect

S

4

E

SITE DATA

Datum

GDA 94

Elevation

8

Easting					Northing							
1	8	2.	0	6	5	2	2	3	3	1	3	
		1					Slope	<u> </u>				

	Tree sp	DBH (mm)	K	FP
1 (CT)	E.Mic	530	_	
2	work	188	~	_
3	Promball	191	de	allia.
4	E.m.c	249	generalis	
5	E.MIC	335	N/E	(Contra)
6	Grey Gum	232	-	annual de
7	C Gia	128		_
8	CINT	162		-
9	E.can?	3912		
10	C-tre Cint		-	-
11	E. Cor	474	-	
12	Gray Gum	175	****	-
13	Gren Com	471		-
14	Cint	186	100	
15	Esther 591	0420	-	-
16	EMIC	207	-	_
17	EINC	177	-	
18	G Car	255	_	_
19	Ethro =910	234		aginom
20	Es HOSES	0198		-
21	Gren Gun	441		_
22	Emic	312	Inge	gest
23	Etho E91	9456		_
24	C. JAR CINT	163	_	_
25	trabuh	339	-	-
26	e. mic	339	1000	ire.
27	Gray Com	430		
28	Gren Gum	343	-	T ROLL OF
29	Iranbrah	167		Mar.
30	E. POP E Pro			

1. Soil Landscape:								
2. <u>SAT Criteria:</u> 1 2 3								
3. Age of pellets: Old Mixed Fresh								
4. <u>A/Level:</u> %								
5. Mean % groundcover in search area: (30%) 30 – 70% > 70%								
6. <u>Comments:</u>								
7. No Koalas within 25m of CT: No Koalas within 25m of CT:								

Checked by: Kirsty	Date: 19/10/20	Entered by: Kirsty	Date: 12/10/20
DATA Checklist:	Database	Scanned	Filed

SAT No: GS 3020-01 Staff: Caltin (SLR) Date: 2/10/2020
Amanda
Kirsty

Datum	Z	one		Easting						Northing						±
GDA 94	5	6	ч	8	1	٦	8	9	6	5	2	2	P	3	9	3
Elevation		Aspect Slope														
В	N	NE	Е	SE	S	sw	w	NW	X	0 - 10)	10 -	- 30		>30	

SAT DATA

SITE DATA

	Tree sp	DBH (mm)	K	FP	
L (CT)	E. Yer	.481	-	_	1. Soil Landscape:
2	Ironbarle	635		×	
3	Co Int	50P1 (3)		_	
4	Ironboli	-552	-		2. <u>SAT Criteria:</u> 1 2 (3)
5	C-10+	265			
6	C-12+	479		_	
7	E.M.C	240		-	3. Age of pellets: Old Mixed Fresh
8	CINY	271		\vdash	3. Age of pellets: Old Mixed Fresh
9	Mel: 56	317 (2)-	-	-	
10	E. COT	378	_	-	
11	C. 10+	442	-	-	4. <u>A/Level: 8/30 = 25</u> . 년개
12	Iconbedu	130		>	
13	CGTS Allo	239		×	
14	G.61 a A110	125		X	5. Mean % groundcover in search area:
15	Gay Gum	129		X	< 30% 30 – 70% >70%
16	Irobook	\$71	_	+	30-70% >70%
17	GMIC	400 (3)		>.	
18	E. MIC	154	_	-	6. Comments:
19	E.to	426		X:	Collected Snats Bag 2020_1
20	Ironbah	169	-	_	- Topo
21	1.E-1n+	485		. ×	
22	C MIC	511			
23	lishbul	460	,	-	
24	Mel. Spp.	124	_	-	
25	Mel Sps	134		_	
26	Mel spp.	118	_	_	
27	Cas tot Allt	174			7. No Koalas within 25m of CT: <u>NIA</u>
28	Casa Til Alt	280	_	_	
29	Gray Gan	220		_	
30	CINT	345		_	

Checked by:	Date:	19/10/20	Entered by:	Kirsty	Date:	12/10/20
DATA Checklist:		Database	· V	Scanned	Filed	

SITE DATA

Datum	Z	one	T		Ea	sting			Northing						±	
GDA 94	5	6	6 48 170865						2	١	3	8	q	3		
Elevation				Asp	ect							Slope				
14	N	NE	E	SE	S	sw	w	NW	(0 - 10		10	- 30		>30	

SALDAL	A	V		
	Tree sp	DBH (mm)	K	FP
1 (CT)	410	E. wic	X	×
2	385	E.glo	X	×
3	170	ironbark	X	×
4	292	E.mic	4	×
5	388	ironbark	X	×
6	271	arey aum	X	4
7	60	E. 010	X	X
8	185	Cint	X	X
9	505(2)	E car	×	X
10	135	Cilit	X	X
11	515	E. alo	X	X
12	330	C.15+	X	X
13	295	E.wic	X	X
14	437	E 910	X	X
15	331	iranbook	X	X
16	640	€.glo	X	X
17	770	€ glo	K	X
18	343	€. glo	X	+
19	690	E-910	X	X
20	180	gregoum	+	1
21	428	E mic	X	X
22	1.88	E.mic	X	7
23	328	C. int	7	*
24	1100	(int	X	V
25	450	E. mic	X	Y
26	175	C. int	X	X
27	178	C. int	X	K
28	232	C.int	×	X
29	557	E.mic	X	X
30	234	G.C. 2	K	X

1. Soil Landscape:			
2. SAT Criteria: 1	2	3	
3. Age of pellets: Old	d Mixe	d Fresh	
4. <u>A/Level: 0</u> / <u>3</u>	<u>O</u> = <u>O</u>)%	
5. <u>Mean % groundcov</u> < 30% 30 – 70% >		ch area:	
6. <u>Comments:</u>			
7. No Koalas within 2	em of CT:	61/A	

Checked by:	Date: 19/10/20	Entered by:	Kirsty	Date:	5/10/20
DATA Checklist:	Database	: 🗸	Scanned	Filed	

SAT No: BHQ GS 131

Recorder: Couting (SUR) Date: 3/10/2020

SITE DATA

Amanda	A		_	
	1711	101	10	9

Datum	Z	one	Easting Northin					ng	1 1 1 1 1 1 1 1 1							
GDA	90	47	4	8	2	2	5	4	6	5	2	1	8	0	5	3
Elevation				Asp	ect					- COMPANY	*	Slope	;			
29	N	(NE)	E	SE	S	sw	W	NW	(0 - 10	$) \perp$	10	- 30		>30)

	Tspp	DBH (mm)	K	FP	A. C. III. and accurat
(CT)	E MIC	366	•		1. Soil Landscape:
2	Ironbakh	234	an	~	
3	Allocas	110	-	_	
4	L. Con	560 (2)			2. <u>SAT Criteria:</u> 1 2 3
5	L.con	497 (2)			
6	E-610	310	-		
7	E Glo	212	-		3. Age of pellets: Old Mixed Free
8	tronbook	362		-	J. 195
9	E-MIC	334			
10	E.610.	679			4. <u>A/Level:</u>
11	E-M.C	294			4. A/Level:/ 30 9 //
12	Induces	596		, metus	
13	LCON	153			
14	EGLA	260			5. Mean % groundcover in search area
15	CGlo	224	-		(< 30%) 30 – 70% >70%
16	E 610	185			
17	E.GID	673		respect	
18	limborh	358			6. <u>Comments:</u>
19	EMIC	387			
20	L. Con	326			
21	E. MIC	428			
22	6.MIC	468			
23	Gint	288			
24	E.MIC	283			
25	harbach	490			_
26	C.Glo	243			7. No Koalas within 25m of CT: 1
27	E Glo	115			
28	E. 610	242		-	
29	C-Int	163			
30	EMC	479		-	

1. Soil Landscape:
2. <u>SAT Criteria:</u> 1 2 3
3. Age of pellets: Old Mixed Fresh
4. <u>A/Level:</u>
5. Mean % groundcover in search area: (< 30%) 30 – 70% > 70%
6. <u>Comments:</u>

Checked by:	Date:	Entered by	Kirsty	Date:	15/10/20
DATA Checklist:		Entered	Scanned	Filed	

SAT No: _BHQ_ 65 124

Recorder: Cartin (SLR) Date: 13 /17 /2020

Amanda Kirsty

SITE DATA

Datum	Zc	ne	T	***************************************	Ea	sting					N	Northing				±
GDA	95	46	4	8	2	2	6	3	6	5	2	2	0	4	8	3
Elevation				Asp	ect							Slope	2			
43	N	NE (E	SE	S	sw	W	NW	() - 10		(10	- 30		>30	_
45	14	IVL														-

SAT DATA

	Tspp	DBH (mm)	K	FP
L (CT)	E. Pro	342		X
2	Allo.cas	160	_	-
3	E.610	530	_	+
4	alloca	135	-	-
5	E. Pro	332		X
6	Allocos	140		+
7	Albros	110	-	_
8	C-1n+	510		,
9	C-104	235		-
10	EGIO	219		-
11	E. 610	183		-
12	Albon	135		1
13	C·CIT	244		-
14	E.As	358		1
15	EPID	323		
16	C-Cit	197		+
17	C-CI+	466		
18	C-10t	255		-
19	Alboco	167		-
20	Albeas	214		
21	Allocas	177		+
22	E.P10	422		+
23	C.C.t	395		
24	C.Clo	271		-
25	C. 6/0	520		
26	C. Pro	464		-
27	Alboo	CHI		-
28	C. Cit	256		-
29	Albecos	140		-
30	Allocas	200		-

1. Soil Landscape:
2. SAT Criteria: 1 2 3
3. Age of pellets: Old Mixed Fresh
4. <u>A/Level: 2/30 = 6.6</u> %
5. Mean % groundcover in search area: (30%) 30 - 70% > 70% 6. Comments:

7. No Koalas within 25m of CT: N/A

Checked by:	Date:	19/10/20 Entered by:	Kirsty	Date: 15/10/20
DATA Checklist:		Entered 🗸	Scanned 🗸	Filed

Amanda Kirsty

SITE DATA

														-		-
Datum	Z	one.		Easting					Northing							
GDA 94	5	6	4	8	2	2	5	-)	6	5	2	2	2	8	7	.3
Elevation				Asp	ect			,				Slope	;			
26	N	NE	Е	SE	S	SW	(w)	NW	0	0 - 10		10	- 30		>30	

SAT DATA

26

	Tree sp	DBH (mm)	K	FP	000 884 (284 800
1 (CT)	E.PO	274	*Maged	-	1. Soil Landscape:
2	E.Go	316	100	-	
3	F.Glo	776	-	_	
4	L.con	101	_		2. SAT Criteria: 1 2
5	E-610	530	,	-	
6	E-MIC	303	-	-	
7	C.10+	263	New	-	3. Age of pellets: Old Mixed
8	E.MIC	554	_	-	3. Age of penets
9	E-6/2	575			
10	L. Con	176			0130-6
11	EGIO	445		-	4. <u>A/Level: 0 / 30 = 0</u>
12	C-17t	243			
13	Lookell	600 (2)		_	
14	ECHO	239		-	 5. Mean % groundcover in sear
15	C.126	235	-	+	< 30% 30 – 70% >70%
16	E.Glo	180	-		
17	E.GIO	895		-	
18	E GID	340		_	6. <u>Comments:</u>
19	E.MC	386			
20	E. Pro	417		+	
21	E. Pro	417			
22	E-GO	680	-		
23	undani	385			
24	E-622	522			
25	Conbot	444	_		
26	E-MIC	270		\	7. No Koalas within 25m of CT:
27	E.MIC	380	_		-
28	Allo-cas	100		+	
29	Md. Sp	165		1	_
30	E.Mic	291		-	

1. Soil Landscape:
2. <u>SAT Criteria:</u> 1 2 3
3. Age of pellets: Old Mixed Fresh
4. <u>A/Level:</u> <u>0</u> / <u>30</u> = <u>0</u> %
5. Mean % groundcover in search area: < 30% 30 – 70% > 70%
6. <u>Comments:</u>
7. No Koalas within 25m of CT: No Koalas within 25m of CT:

Checked by: Kirsty	Date:	19/10/20 Entered by:	Kirsty	Date: 15/10/20
DATA Checklist:		Database 🗸	Scanned 🗸	Filed

SAT No: _GS 2020_04 Staff: Kirsty.W Date: 13/10/2020

SITE DATA

Datum	Z	one		Easting					Northing							
GDA 94	5	6	4	8	2	1	/	7	6	5	2	1	7	5	1	3
Elevation				Asp	ect							Slop	е			
26	N	NE	E	SE	S	SW	W	NW	(0 - 10)	10	- 30		>30)

	Tree sp	DBH (mm)	K	FP
L (CT)	C-Int	299	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	+
2	Cint	199	*40	
3	E.Gla	160		-
4	C-17+	259		_
5	Allo.cas	136		-
6	C. Pro	279		-
7	C. 10+	308		
8	E-MIC	349	-	_
9	CINC	363		
10	E. Glo	231		_
11	C Pro	182		
12	Allo (C)	239		-
13	C 610	260		+
14	Allo.ca	160		+
15	E. Go	205		X
16	E. Mic	190	_	
17	C. Car	344	-	
18	Tradact	303		_
19	E. Go	558(2)		
20	Allo. Co	230		-
21	E Glo	393		
22	C.Go	602(2)		
23	C. Glo	356		
24	Irosbert	517		
25	E.Glo	130		-
26	CiGo	316		
27	C. Int	218		_
28	E. Glo	175		
29	CINT	475(2))	
30	C Int	143		- marine

1. Soil Landscape:	
2. <u>SAT Criteria:</u> 1 2 3	
3. Age of pellets: Old Mixed Fresh	
4. <u>A/Level:</u> 1 / 30 = 3 .33%	
 5. Mean % groundcover in search area: < 30% 30 - 70% > 70% 6. Comments: 	
7. No Koalas within 25m of CT: N/A	

Checked by: Kirsty	Date:	19/10120 Entered by	: Jade.k	Date: 15 10	70
DATA Checklist:		Database 📝	Scanned 🗸	Filed	

SITE DATA

/		
\subset	aithn	(SLR)

Datum	70	one	T		Ea	sting					N	North	ing			±
GDA 94	5	6	14	8	2	4	9	7	6	5	2	1	7	6	0	
Elevation				Asp	ect			1				Slop	е			
31	N	NE	E	SE	S	SW	W	NW	(0 - 10		10	30 - 30		>30	

	Tree sp	DBH (mm)	K	FP
(CT)	C.Go	278		
2	Alb.co	126		_
3	E 610	373	_	+
4	Clot	215	_	-
5	E Glo	690		-
6	E.Go	305		_
7	C. Glo	216	3300	
8	E GO	351		
9	C-10+	400		_
10	E.cor	242		
11	C.MIC	127		_
12	C. Glo	353		-
13	EGID	206		_
14	E Pro	382		1
15	E Glo	306		+
16	Als. Cas	158		
17	C.GID	563		1
18	C-lov	787		1
19	Instant	324		
20	E.Gla	294		-
21	Grey Gum	465		
22	E. Car	562		+
23	C. CH	219		_
24	E.G15	105		+
25	E 610	271		7
26	E.Glo	431		-
27	E.MIC	124		+
28	Itanbata	200		-
29	E.Glo	623		-
30	E-MIC	368		

1. Soil Landscape:
2. SAT Criteria: 1 2 3
3. Age of pellets: Old Mixed Fresh
4. <u>A/Level: 2 / 30 = 6 . 6</u> 1%
5. Mean % groundcover in search area: < 30% 30 – 70% > 70%
6. Comments:
7. No Koalas within 25m of CT: N/A

Checked by:	Date:	Entered by:	Jade-K	Date: 15/10/20
DATA Checklist:		Database 🗸	Scanned	Filed

SAT No: __GS_125__

Staff: Kirsty . W

Date: 3 /10 /2020

SITE DATA

Caitlin (SLR)

Datum	70	ne	T		Ea	sting					N	orthi	ng			1
GDA 94	5	6	4	8	2	4	7	9	6	5	2	2	0	0	3	3
Elevation		l		Asp	ect							Slope	9			
52	N	NE	Е	SE	S	SW	W	NW		0 - 10		(10	- 30)	>30	,

	Tree sp	DBH (mm)	K	FP
1 (CT)	C. Cit	532		
2	Allo cas	132		
3	C.CI+	278	,	_
4	C.Glo	246		_
5	C-Cit	283	-	
6	L-Con	387		X
7	E.MIC	399		X
8	C-Cit	352		x
9	C-Cit	255		+
10	E-MC	462		X
11	E. 610	240		
12	learboth	393		Х
13	Lonbarh	205	-	
14	E. Gla	277		1
15	C-Cit	271		_
16	E. Glo	233		-
17	C. Cit	370		-
18	E. Glo	167		
19	C- Cit	321		-
20	C. CIt	220		X
21	c.at	222		
22	E.GLO	190		
23	C-Cit	284		
24	E 7.1	593		X
25	C. CIt	235		
26	C. Cho	339		×
27	Iron borts			X
28	C- Cit	142		- 41-41119
29	E.P.I	526		
30	(C.1/11)	380		+

1. Soil Landscape:
2. SAT Criteria: 1 2
3. Age of pellets: Old Mixed Fresh
4. A/Level: $\frac{10}{30} = \frac{33}{3} \cdot \frac{33}{3}$
5. Mean % groundcover in search area: < 30% 30 – 70% > 70%
6. Comments: Next to Quarry Hall
Scats Still Glassy
7. No Koalas within 25m of CT: NIC

Checked by:	Date:	Entered by:	Jade-K	Date: 15/10/20
DATA Checklist:		Database	Scanned	Filed
		- in continu	ting trons	ed

SAT No: _GS_16 ___ Staff: Kirsty W ___ Date: \3 / 10 /2020

SITE DATA

Datum	Z	one			Ea	sting				_	N	orthi	ng	Т	Т	1
GPA 94	5	6	4	5	2	4	9	3	6	5	2.	2	2	4	0	3
Elevation		1		Asp	ect			T				Slope	e			L
20	N	NE	(E)	SE	S	sw	W	NW		0 - 10		(10	- 30		>30	

	Tree sp	DBH (mm)	K	FP
L (CT)	E.Pro	393		
2	Allocas	194		_
3	C.Pro	385		
4	E Pro	288	-	-
5	C. Int	147		
6	Allocas	143	-	-
7	E Glo	820		-
8	E Glo	454		-
9	Tronbart	220	-	1-700 process 1-10
10	EPI	757		_
11	Alacos	175		×
12	Allocas	195		
13	E-P1	500	_	
14	Allocas	177		
15	EMIC	510		X
16	E. 91	720		
17	C.int	268		Х
18	Allo.cas	218		+
19	CAls. Cos	115		
20	All cas	145		-
21	Grey Gum	367		CARTON
22	C.G10	185		_
23	E. Pio	331		
24	E. Pro	516		-
25	E.PI	600		
26	C.Pio	381		+
27	G. Al	1402 (3	5)	×
28	E. Pil	518		,
29		1		+
30	Allocos	135		+

1. Soil Landscape:
2. <u>SAT Criteria:</u> 1 2 3
3. Age of pellets: Old Mixed Fresh
4. A/Level: $\frac{4}{120} = 13.33\%$
 5. Mean % groundcover in search area: 30% 30 - 70% >70% 6. Comments:
7. No Koalas within 25m of CT: NIC

Checked by:	Date:	Entered	by: Jade K	Date: 15/10/20
Kirsty		Section (Control of Control of Co		[]
DATA Checklist:		Database 🗸	Scanned 🗸	Filed

APPENDIX B

Koala Feed Trees for the North Coast Area



Species Name	Common Name
Allocasuarina torulosa	Forest Oak
Angophora floribunda	Rough-barked Apple
Corymbia gummifera	Red Bloodwood
Corymbia henryi	Large-leaved Spotted Gum
Corymbia intermedia	Pink Bloodwood
Corymbia maculata	Spotted Gum
Eucalyptus acmenoides	White Mahogany
Eucalyptus amplifolia	Cabbage Gum
Eucalyptus bancroftii	Orange Gum
Eucalyptus biturbinata	Grey Gum
Eucalyptus campanulata	New England Blackbutt
Eucalyptus canaliculata	Large-fruited Grey Gum
Eucalyptus carnea	Thick-leaved Mahogany
Eucalyptus crebra	Narrow-leaved Ironbark
Eucalyptus eugenioides	Narrow-leaved Stringybark
Eucalyptus fibrosa	Board-leaved Red Ironbark
Eucalyptus glaucina	Slaty Red Gum
Eucalyptus globoidea	White Stringybark
Eucalyptus grandis	Flooded Gum
Eucalyptus laevopinea	Silver-top Stringybark
Eucalyptus largeana	Craven Grey Box
Eucalyptus microcorys	Tallowwood
Eucalyptus moluccana	Grey Box
Eucalyptus nobilis	Forest Ribbon Gum
Eucalyptus pilularis	Blackbutt
Eucalyptus placita	Grey Ironbark
Eucalyptus planchoniana	Bastard Tallowwood
Eucalyptus propinqua	Small-fruited Grey Gum
Eucalyptus psammitica	Bastard White Mahogany
Eucalyptus punctata	Grey Gum
Eucalyptus resinifera	Red Mahogany
Eucalyptus robusta	Swamp Mahogany
Eucalyptus rummeryi	Steel Box
Eucalyptus saligna	Sydney Blue Gum
Eucalyptus scias	Large-fruited Red Mahogany
Eucalyptus seeana	Narrow-leaved Red Gum
Eucalyptus siderophloia	Grey ironbark
Eucalyptus signata/ Eucalyptus racemose	Scribbly gum/ Narrow-leaved Scribbly Gum



Species Name	Common Name				
Eucalyptus tereticornis	Forest Red Gum				
Eucalyptus tindaliae	Stringybark				
Eucalyptus umbra	Bastard White Mahogany				
Melaleuca quinquenervia	Board-leaved paperbark				



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