

Annex T – Proposed Mine Layout Plan

LEGEND

- DENOTES PROPOSED SITE BOUNDARY

DENOTES PROPOSED EXTRACTION AREA - 36.07Ha
MAXIMUM EXCAVATION LEVEL -15.0m AHD

INDICATIVE VEHICLE HAUL ROUTE

EXISTING CONTOURS
1m INTERVALS

DENOTES INDICATIVE FINAL WATER BODY - 24.27Ha
ASSUMED 1.8m AHD
- The main site plan illustrates the proposed sand mine layout. A red solid line delineates the site boundary, while a red dashed line marks the extraction area. A grey dashed line indicates the vehicle haul route. The plan includes topographic contours at 1m intervals and a blue line representing the final water body. Key features include: 15m vegetated buffers along the perimeter; 2.5:1 batter slopes with 5:1 battered 'beach' at the water line; a stockpile & loading area; a screening area; a shed; and an upgrade of existing site access (entrance only). A new 95m deceleration lane is to be constructed. The plan also shows existing houses, a crown road, and Nelson Bay. Various DP numbers are noted throughout the site.
- The inset map provides a broader context of the site's location. It shows the site's proximity to a marsh, a road, and Nelson Bay. Key features include: 'NO MINE TRAFFIC TO USE MARSH ROAD'; 'UPGRADE EXISTING SITE ACCESS (EXIT ONLY, RIGHT TURN ONLY)'; 'UPGRADE MARSH ROAD FROM SITE ACCESS TO RECENT RMS CONSTRUCTION'; and 'EXISTING SITE ACCESS & EASEMENT'. The map also shows adjacent land parcels with DP numbers and a crown land area of 2.11 ha.
- 1:2000 for A1 Size Plot
- | | | | | | | | |
|-----|--|----------|-------|---------|----------|------|--|
| D | Reduced Footprint - Additional Buffers Added | AV | AV | | | | |
| C | Footprint Withdrawn from Electrical Easement | AV | AV | | | | |
| B | Batter Slopes Modified | AV | AV | | | | |
| A | Original Issue | AV | AV | | | | |
| REV | DETAILS OF AMENDMENT | DESIGNED | DRAWN | CHECKED | APPROVED | DATE | |
- * Denote the original signature and date when revision was issued.
- TATTERSALL LANDER** PTY LTD
DEVELOPMENT CONSULTANTS
ENGINEERING, SURVEYING & PLANNING
2 Bourke St. P.O.Box 580
RAYMOND TERRACE 2324
Fax (02) 49871733 Phone (02) 49871500
- PLAN OF PROPOSED SAND MINE
LOT 254 DP 753204, LOT 51 DP 1015671, LOTS 10 & 11 DP 1071458
NELSON BAY ROAD
BOBS FARM
- CLIENT: PATRA HOLDINGS PTY LTD JOB No.: 212434 COMPUTER FILE : S:\Clients\2012\212434\Drawg\Layout Plan.dwg
- | | |
|----------------------------------|------------------------|
| COUNCIL
PORT STEPHENS | REFERENCE
214.00060 |
| PARISH
TOMAREE | SHEET
SIZE
A1 |
| SCALE
1:2000 on A1 | SHEET No.
1 of 3 |
| DATE :
Plotted 09.44 19/07/18 | |



STAGE 1	2,755,000m ³
STAGE 2	485,000m ³
STAGE 3	2,810,000m ³

D	Reduced Footprint - Additional Buffers Added	AV	AV			
C	Footprint Withdrawn from Electrical Easement	AV	AV			
B	Batter Slopes Modified	AV	AV			
A	Original Issue	AV	AV			
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
<p style="text-align: center;">* Denote the original signature and date when revision was issued.</p>						

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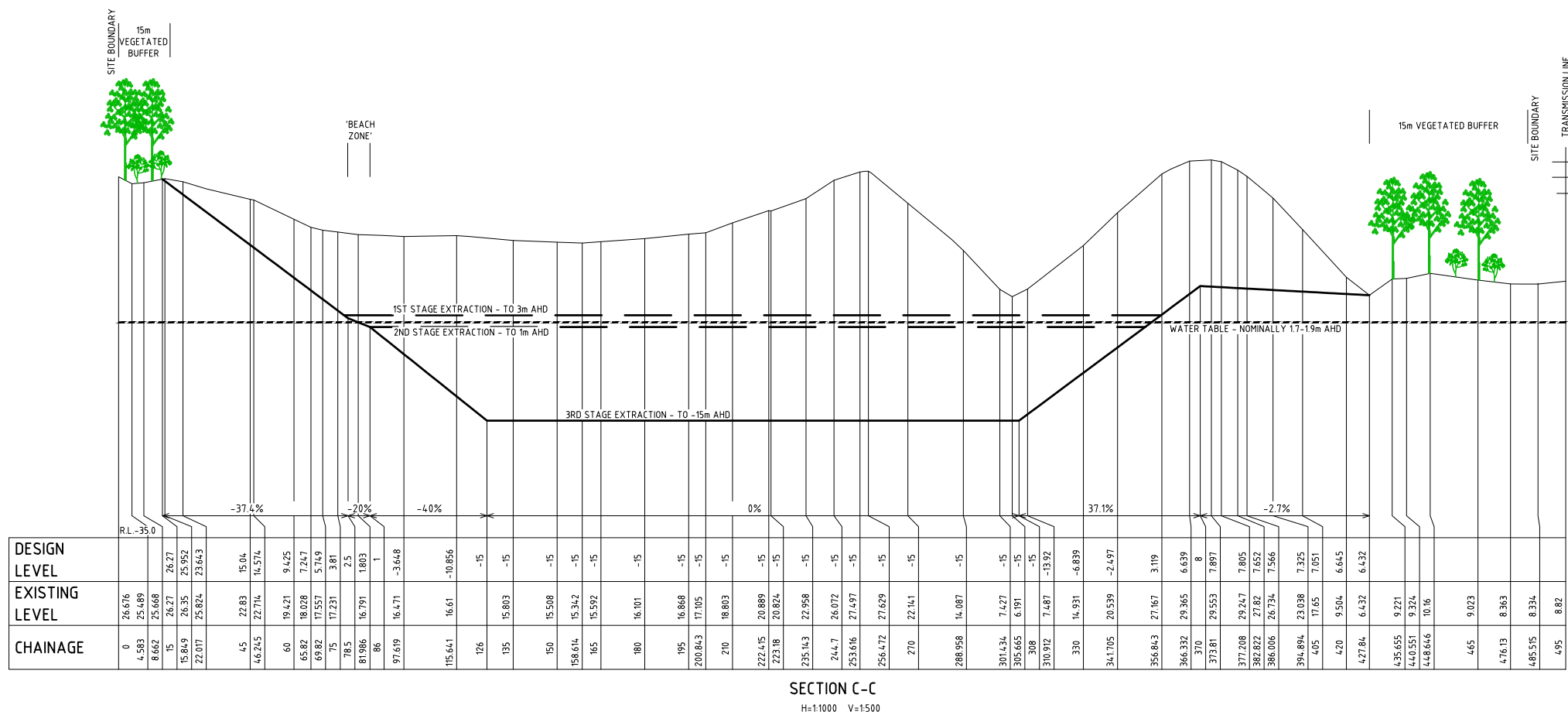
INDICATIVE CROSS SECTIONS
PROPOSE SAND MINE
NELSON BAY ROAD
BOBS FARM

COUNCIL PORT STEPHENS		REFERENCE 21400061	
PARISH TOMAREE		SHEET SIZE	A1
SCALE 1:2000 on A1		SHEET No. 2 of 3	
DATE :		Plotted 15:48 26/07/17	

CLIENT: PATRA HOLDINGS PTY LTD

JOB No.: 212434

COMPUTER FILE : S:\Clients\2012\212434\Draw\Layout Plan.dwg



D	Reduced Footprint - Additional Buffers Added	AV	AV			
C	Footprint Withdrawn from Electrical Easement	AV	AV			
B	Batter Slopes Modified	AV	AV			
A	Original Issue	AV	AV			
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
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INDICATIVE CROSS SECTIONS PROPOSE SAND MINE NELSON BAY ROAD BOBS FARM			COUNCIL PORT STEPHENS		REFERENCE 214.00062			
			PARISH TOMAREE		SHEET SIZE		A1	
			SCALE 1:2000 on A1		SHEET No. 3 of 3			
			DATE :				Plotted 13/54 26/07/17	
			CLIENT: PATRA HOLDINGS PTY LTD		JOB No.: 212434		COMPUTER FILE : S:\Clients\2012\212434\Drawg\Layout Plan.dwg	