CADASTRAL BOUNDARY

Downstream Toe approx 11m from cadastral boundary

Extents of Proposed High Water Mark RL 156.6

CADASTRAL BOUNDARY

Dam Design - 7m Lift

- 4m Wide Top of Wall at RL 157.6m (AHD) (Approx 7m raise on existing)
- New Wall length 211m
- 1:3 Internal Batter, 1:3 External Batter
- Proposed new water level at RL 156.6 (AHD) 1m Freeboard
- Toe of upstream batter ties into existing upstream wall crest.

Estimated Earthworks Fill Volume for New wall = 26,574m³

Estimated Water capacity gained above current water levels = 165ML

Estimated surface area of proposed new water level = 3.6ha

Note: Is is assumed that the fill required will be sourced upstream of new dam wall. Figures provided are estimations only and further survey is required once clearing and Topsoil stripping has occured. Existing dam water capacity not surveyed therefore excluded from calculations.

[redacted]

CLIENT:	STEWART IPSON	Date: 03.06.2026	Drawn: TM	Surveyor: EJ	CHKd: TL
PROJECT: LOT 5049 ON D.P. 229274 (C/T 1673/35), (# 1599) CHANNYBEARUP ROAD, CHANNYBEARUP		File: EJ Dam Design + House Feature 260505 - Dam 7m Lift			
		Scale (@A1): 1:1000	0 20 40 60 80		
TITLE: DAM DESIGN PROPOSAL - 7m LIFT					
DATUM	HOR: COL2020	VERT: A.H.D			
A.H.D. HEIGHTS DERIVED FROM :	SMARTNET				

COPYRIGHT: This drawing is the property of THOMPSON SURVEYING CONSULTANTS and shall not be copied or reproduced in whole or in part, for any other purpose than was originally intended unless written consent is given by THOMPSON SURVEYING CONSULTANTS.

ISO 9001 ISO14001 ISO 45001 Global-Mark.com.au®

REVISION SCHEDULE			Sheet 1 of 1
No.	Date	Description	

Z:\+ TL\24076\MAGNET FILES\EJ Dam Design + House Feature 260505.mjo - Dam 7m Lift