PRIVATE SURVEY CHART, NOT AN OFFICIAL CHART, NOT TO BE USED FOR NAVIGATION

PITTWATER BAR

4.5 m depth contour

LiDAR 2018 soundings only

LiDAR soundings only (no vessel soundings).
NSW Marine LiDAR Topo-Bathy 2018, 5 m grid: the shoalest depth in each 30 m cell is shown.
RED LINE: the 4.5 m depth contour at chart datum, drawn directly from the unsmoothed LiDAR grid, so every LiDAR sounding shallower than 4.5 m lies inside it.
DARKER BLUE: shallower than the contour.
LIGHT BLUE: deeper than the contour.
THIN BLUE LINES: the other contours, 2.5 to 5.0 m every 0.5 m, from the same grid.
DEPTHS in metres and decimetres below chart datum (0.925 m below AHD), truncated, never rounded up. Add the height of tide.
ACCURACY: LiDAR 2018, vertical about ±0.5 m (IHO Order 1B). Australian Superyachts soundings in Nov 2026 read about 0.1 m shoaler than this LiDAR. The bar is mobile sand; depths change.
POSITIONS: GDA94 (WGS 84 compatible).

18.25′ 18.5′ 18.75′

34.75′ 33°35′S 35.25′ 35.5′ 35.75′

4.5 m

BAR N

Australian Superyachts
bar leg 186° / 006°T

BAR S 186

Port Bn
002

Y "YRM"

0 200 m 0 3 cables

Natural scale 1:5 500 at latitude 33°35′S

LiDAR 4.5 m contour chart, edition 2, November 2026

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