

extends from about a quarter of a mile from the east end to Rudh' an Alt-toir, and is $4\frac{3}{4}$ miles in length. The four areas exceeding 200 feet in depth, proceeding from east to west, are—(1) a large eastern basin $1\frac{1}{2}$ miles in length, extending from south-east of Ardvreck Castle to north of Garbh Dhoire; (2) a small basin lying 150 yards to the west of the first-mentioned, based on a sounding of 210 feet; (3) a large western basin $1\frac{2}{3}$ miles in length, extending from south of the eastern islands off the north shore to north of Torr a' Chail; and (4) a small basin less than 100 yards further west, based on a sounding of 214 feet. The three 250-foot basins are all very narrow, one enclosed in the large eastern 200-foot basin, $\frac{3}{4}$ -mile in length and with a maximum depth of 264 feet, the other two enclosed in the large western 200-foot basin, the smaller having a maximum depth of 270 feet, the larger being nearly a mile in length and including the maximum depth of the loch (282 feet), which occurs to the north of Eilean Assynt. It will be observed that the deep channel does not coincide with the central axis of the loch, but lies for the greater part of its course much nearer the southern than the northern shore; opposite Ardvreck Castle, however, it crosses over and lies nearer the northern shore in the eastern end of the loch. The numerous large bays along both shores were found to be fairly deep.

The areas of the lake-floor at different depths, and the percentages to the total area of the loch, are as follows:—

0 to 50 feet,	572 acres	29 per cent.
50 ,, 100 ,,	559 ,,	28 ,,
100 ,, 150 ,,	351 ,,	18 ,,
150 ,, 200 ,,	270 ,,	14 ,,
200 ,, 250 ,,	184 ,,	9 ,,
Over 250 ,,	46 ,,	2 ,,
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	1982 ,,	100 ,,
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More than half the entire lake-floor is covered by less than 100 feet of water, and the areas on both sides of the 50-foot contour-line are nearly equal, indicating a moderate and uniform average slope down to the depth of 100 feet, beyond which depth the slope becomes much steeper.

Loch Assynt was surveyed on September 12 to 18, 1902. On the 12th the elevation of the lake-surface above the sea was determined, by levelling from bench-mark, as being 215.1 feet, subsequently heavy rains set in, so that on the 16th the water had risen to the extent of a foot, and on the 18th to the extent of 16 inches, above the level on the 12th, and the later soundings were corrected in order to bring' them into agreement with the earlier ones. When levelled by the officers of the Ordnance Survey on September 9, 1871, the surface of the water