CLUTHA RIVER

KOAU BRANCH

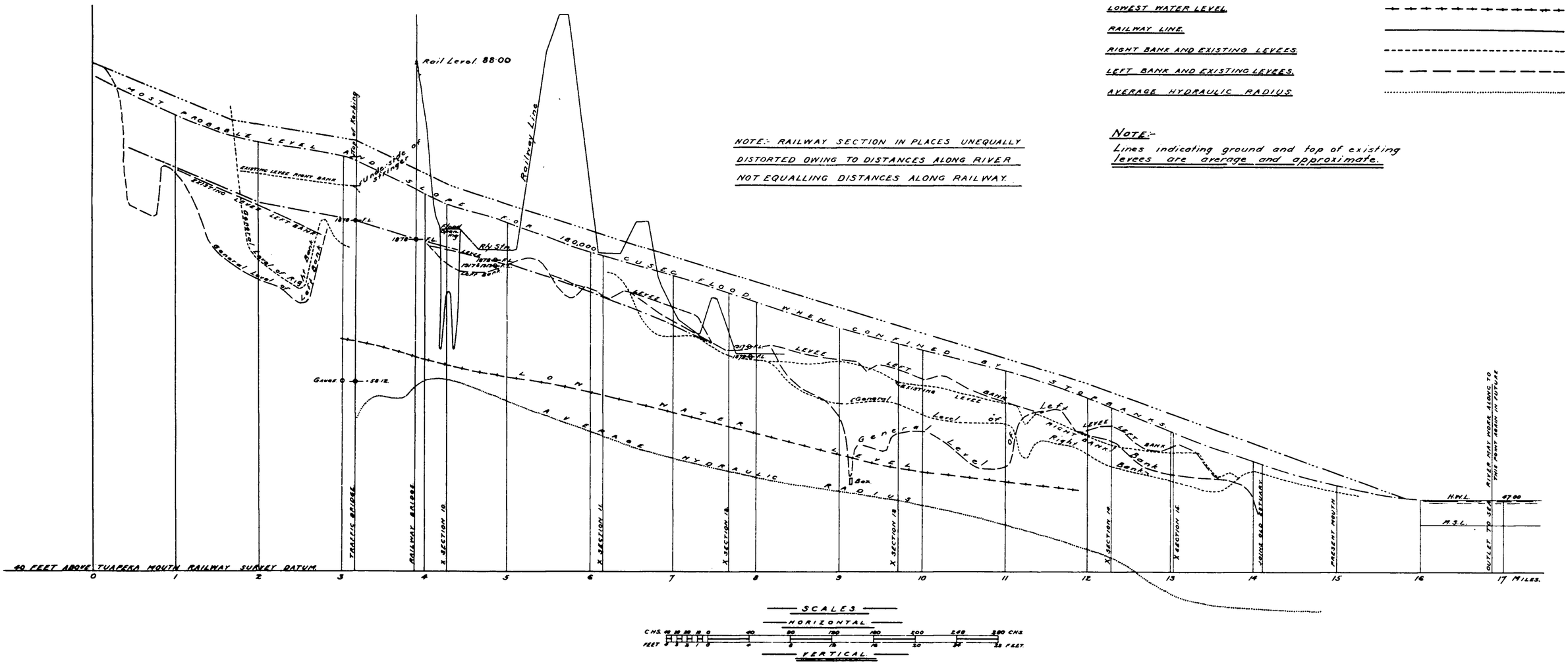
Section showing present ground & water Levels, and proposed grades of Levees to control Floods of the magnitude of that of 1878 = 180,000 cusecs.

NOTE:- RAILWAY SECTION IN PLACES UNEQUALLY DISTORTED OWING TO DISTANCES ALONG RIVER NOT EQUALLING DISTANCES ALONG RAILWAY.

REFERENCE

- PROBABLE FLOOD SLOPE WITH 180,000 CUSEC FLOOD.
- GRADE LINE OF PROPOSED NEW LEVEES.
- LOWEST WATER LEVEL.
- RAILWAY LINE.
- RIGHT BANK AND EXISTING LEVEES.
- LEFT BANK AND EXISTING LEVEES.
- AVERAGE HYDRAULIC RADIUS.

NOTE:- Lines indicating ground and top of existing levees are average and approximate.



SCALES

HORIZONTAL

CUS. 40 20 20 10 0 40 80 120 160 200 240 280 CUS.

FEET 3 2 1 0 4 8 12 16 20 24 28 FEET.

VERTICAL.