

The diagram illustrates the distribution of 100 samples across four categories, with each sample represented by a colored box indicating its distance from shore. The categories and their sample counts are as follows:

- Tide Pool 1 (S1):** 10 samples, all in the 0-100m range (Yellow).
- Tide Pool 2 (S2):** 10 samples, with 3 in the 0-100m range (Yellow) and 7 in the 100-200m range (Light Green).
- Nearshore (N):** 10 samples, with 3 in the 0-100m range (Yellow) and 7 in the 100-200m range (Light Green).
- Field Blank:** 1 sample in the 0-100m range (Yellow).

The color coding for the samples is as follows:

- Yellow: 0-100m
- Light Green: 100-200m
- Green: 200-300m
- Teal: 300-400m
- Blue-Teal: 400-500m
- Blue: 500-600m
- Dark Blue: 600-700m
- Purple: 700-1000m