

The diagram illustrates the distribution of 100 samples across four categories, with each category having a specific color-coded distribution across 12 columns. The categories and their sample counts are as follows:

- Tide Pool 1 (S1):** 10 samples (3 yellow, 3 light green, 2 medium green, 2 light blue, 1 dark blue, 1 purple).
- Tide Pool 2 (S2):** 10 samples (3 yellow, 3 light green, 2 medium green, 2 light blue, 1 dark blue, 1 purple).
- Nearshore (N):** 10 samples (3 yellow, 3 light green, 2 medium green, 2 light blue, 1 dark blue, 1 purple).
- Field Blank:** 1 sample (yellow).

The columns are color-coded as follows:

- Column 1: Yellow
- Column 2: Yellow
- Column 3: Light Green
- Column 4: Light Green
- Column 5: Medium Green
- Column 6: Light Blue
- Column 7: Light Blue
- Column 8: Dark Blue
- Column 9: Dark Blue
- Column 10: Purple
- Column 11: Purple
- Column 12: Purple