

The diagram illustrates a 12-column sampling grid with four rows. Each row contains three replicates of samples. The columns are color-coded to represent different sample types or locations:

- Tide Pool 1 (S1):** Yellow blocks in columns 1-3, green blocks in columns 4-5, blue blocks in columns 6-8, and purple blocks in columns 11-12.
- Tide Pool 2 (S2):** Yellow blocks in columns 1-3, green blocks in columns 4-5, blue blocks in columns 6-8, and purple blocks in columns 11-12.
- Nearshore (N):** Yellow blocks in columns 1-3, green blocks in columns 4-5, blue blocks in columns 6-8, and purple blocks in columns 11-12.
- Field Blank:** Yellow block in column 1 and purple block in column 12.