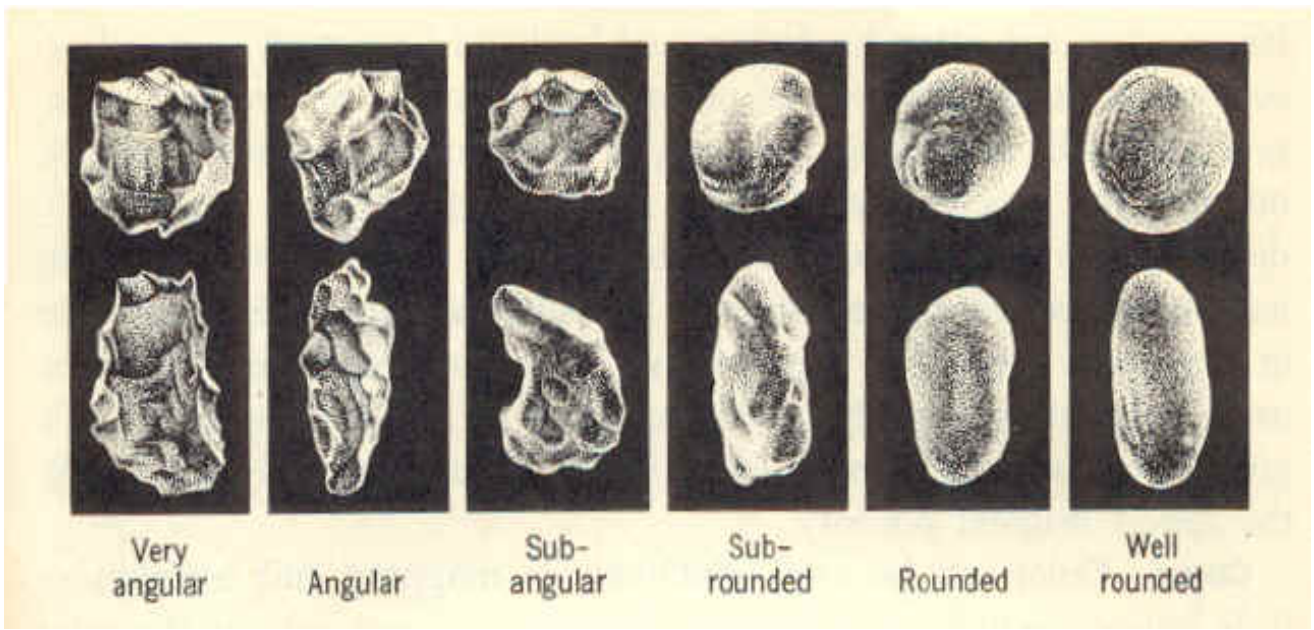


Example hypothesis and analysis

Assuming that there is a significant difference in the wave energy between the two beaches, we can presume that the roundness of beach sediment would also differ between the two beaches.

Technique

We will use a subjective roundness index known as the Powers Index of Sediment Roundness



Sampling and field data table

Using one of the sampling techniques taught earlier in the day, collect and assess the roundness of 50 clasts in comparable locations on each beach.

Example data

| Beach | V. Angular | Angular | Sub-Angular | Sub-Rounded | Rounded | Well Rounded |
|-------------|------------|---------|-------------|-------------|---------|--------------|
| Man O War | 2 | 14 | 12 | 11 | 6 | 5 |
| Durdle Door | 0 | 3 | 6 | 14 | 17 | 10 |