Name(s)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Using the data from the sample determine if the Best Age for each grain is true (remember the Concordia fit needs to be between 75 – 110%)
2. Looking at the age spread of each sample, determine if the sample is volcanic or detrital
   1. Detrital samples will have a wide range of ages, volcanic samples grains will be within 10-20 Ma of each other.
3. Find the youngest 3 grains and take an average for each sample (This will give us our deposition age and the age of the volcanic source we are looking for)

SB24-04:

SB24-05:

SB24-06:

SB24-07:

SB24-08:

SB24-09:

SB24-10:

SB24-11:

SB24-12:

SB24-14:



