Geologically, it could be interpreted that Sidayu Block Bunga Block different depositional environment which has been influenced by the different process during the sedimentation. Sidayu Block more marine influence sedimentation than in Bungah Block

4. Conclusions

- Based on the data obtain from the Sidayu Block (North) and the Bungah (South) and the comparative test can be concluded that there is obviously different sand shale ratio in the Sidayu Block (North) and the Bungah Block (South).
- Probably, due to the different environment sedimentation process of the Sidayu Block (North) and the Bungah Block (South) on the Gresik plain, East Java, Indonesia.

5. Recommendation

According to the research which has been conducted, it is recommended:

- To elaborate the structural geology which controls the process of sedimentation on the Northern Block (Sidayu) and the Southern Block (Bungah).
- It is required to run the carbon isotope measurements for dating on the next well activity.

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