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**GLASS SAND DEPOSITS OF THE BALIJURI AREA,
SHERPUR DISTRICT, BANGLADESH**

By
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ABSTRACT

Glass sand has been found in the Recent Piedmont Alluvium in the southern slope of the Garo Hills. The Piedmont Alluvium consists of silty clay, sandy clay, sand, clayey sand and clay. The hills are composed of shale, sandstone and pebbly sandstone of the Pliocene Dihing Formation.

The glass sand is light yellow, light grey and grey, fine to medium, sub-angular to sub-rounded and is composed of quartz, dark minerals, mica flakes and clay minerals. Agrillaceous materials constitute about 20 percent of the glass sand deposits.

In total, an area of about 596120·08 square metres is occupied by the glass sand in thirty workable lenses. The thickness of the glass sand ranges from 0·15 to 2·13 metres and the thickness of overburden varies from 0·15 to 2·44 meters. The total estimated reserves of the glass sand deposits in the area, are about 0·64 million short tons.

The laboratory analyses show that the glass sand of the area may be used for manufacturing glass wares.