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**Sustainability of mine after mine closure: A case study****Saba Shirin, Akhilesh Kumar Yadav and Aarif Jamal**  
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Mining is an important activity which provides not only metal, minerals, and coal for various consuming industries, but also generate employment in and around the mine. As a result of the exhaust of property from mine, severe crises for a survival of local population project dependent people around the mine develops. It has no economic sustainability of mine after the closure of mine project. Therefore, its opportunity to increase economic sustainability of mine for the local population. In the current scenario of sustainability of mine after exhausted of the property becoming an important issue of discussion all over the world. The basic concept of mining i.e. extracting and depleting a non-renewable stock or resources-implies an unsustainable activity. Therefore, mineral production is now greater than ever before in history. The challenges, on the other hand, are that ore grades continue to decline, mine waste volumes increase and the future of energy or water could provide real constraints to the future growth of the mining industries across the world. The continuing debate on incorporating sustainable development into the mining industry, however, does not include systematic, long term data on mining. Data for aspects such as economic resources, ore grades, solid waste burden (tailings and waste rock) and other imputes and outputs (energy, water, chemical, pollutant emissions), are fundamental evidence for any assessment or quantification of the environmental sustainability of mining. In this paper, an attempt has been made to increase the economic sustainability of the mine with the concept of wealth from waste and also cover the overburden of a coal mine was investigated and proved suitable as a filling material, grit material, recovery of sand and clay for making bricks. The detail is discussed in the paper.

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