

<p>Project title: Advice on use of coal ash from DCPD with overburden at Gare Palma IV/1 opencast mine, Tamnar- Phase IV(2)</p> <p>Project No - CNP/4923/2019-20</p>	<p>Executive Summary:</p> <p>This project is the extension of the previous project wherein the management of JSPL, Dongamauha Captive Power Plant, Tamnar wanted to utilize the ash generated from their power plant as a backfill material in opencast mines and approached CSIR-CIMFR to monitor the ash – overburden filled dumps. In this project field study was undertaken to monitor the dumps and to ensure that methodology of dumping was adhered to. Meteorological data, ambient air quality data, ground water table data etc. from the mine site data was collected and were compared with the previous year’s data for the same months to observe the change in trends and influence of backfilling operation on the mine surroundings. The ambient air quality data was found to be within the national air quality standards. The rainfall for the months being monitored showed a decreasing trend, the depth of water table in the core and buffer zone didn’t showed any variation and followed the previous year’s trend. On the basis of data analysis advice was given regarding ash filling</p>
--	--