
CHAPTER XII

DISASTER MANAGEMENT AND RISK ASSESSMENT

12.1 Disaster Management and Risk Assessment: This should deal with action plan for high risk accidents like landslides, subsidence flood, inundation in underground mines, fire, seismic activities, tailing dam failure etc. and emergency plan proposed for quick evacuation, ameliorative measures to be taken etc. The capability of lessee to meet such eventualities and the assistance to be required from the local authority will be as per Govt. rule.

12.2 Safety and Security: All the safety measures will be implemented to prevent access to surface openings, excavations etc., and arrangements proposed during the mine abandonment plan and up to the site being opened for general public should be as per Govt. rule.

12.3 POLLUTION: In this case, there is no possibility of pollution in water or air. There will be no noise pollution also. During and after mining operation is over the barrier zone area will be leveled and plants will be planted in consultation with forest department. Under these circumstances, reclamation will be done in consultation with forest department so that the plants species may be of similar type as prevalent in the area. But after complete mining the mined out land will be developed as reservoir.

N.B. The necessary permissions will be taken by the lease holder from the concerning departments.

12.4 GOVERNMENT RULES AND REGULATIONS:-

Applicant will abide by all Government rules and regulations while operating mine, provisions of mines Act will be strictly observed by the applicant. This plan has been prepared on the basis of information and survey maps given by the applicant and studies done by recognized person preparing this mining plan. Recognized person preparing this mining plan will not be responsible for implementation of this mining plan

12.5 CONCLUSION:-

From the above, it will be observed that during the working of the mine, no problems are likely to crop up that will cause any harm to environment, ecology of the area etc. this working of mine will offer more employment, chances to some of the nearby population, it is always obvious that the safe mining activity will help to improve socio-economical conditions of the inhabitants.