

4.0 MINING

A It is mine for Quartz and Feldspar.

Proposed workings will be semi mechanized opencast mining. The hydraulic machineries will be used for excavation, broking the lumps and loading the mineral and waste. If major changes found in the deposit during proposed workings, the lessee has to submit the revised mining plan as per the position of deposit at that time. The production proposed is given in table of chapter 4A.

No habitation, tar road etc observed in 45 metres from the lease area. The mining is proposed as per present situation of the deposit.

Proposed mining will be semi mechanized and sorting of mineral will be manual. Hydraulic loader and tippers are proposed for fast removal of overburden, loading of mineral and waste and for construction of haul roads.

The haul road is proposed up to proposed benches. The haul road also proposed up to infrastructure, approach road and site of dumps. The mineral and waste are proposed to transport by trippers.

The Proposed site of waste dump, soil stack, site service and plantation etc are illustrated on plate no-6.

The mining is proposed for quartz and feldspar.

B (I) YEARWISE DEVELOPMENT PROPOSED FOR FIRST FIVE YEARS

FIRST YEAR

PRE PRODUCTION WORK

1. Construction of approach roads up to proposed workings, site services, site of dump and soil stack from the nearest tar road.
2. Construction of pillars of the lease area.
3. Provide the sign board (details of the lease) near the main entry.

DURING DEVELOPMENT

1. The barbed wire fencing will be provided around the excavation time to time to check the inadvertent entry of human and live stock.
2. The plantation will be grown in each monsoon and proper care will be done for their survival.
3. Proper maintenance will be done of approach roads for keeping them wide and smooth. Water sprinklers will be provided time to time on haul roads for checking the generation of dust during transportation.

