

MINE CLOSURE AND RECLAMATION PLAN
OF
THE PROPOSED SHALE MINE PROJECT
LUM MAWSHUN MINERALS PRIVATE LIMITED
IN EAST KHASI HILLS DISTRICTS, MEGHALAYA,
INDIA
(A LAFARGE GROUP COMPANY)

*CENTRE FOR ENVIRONMENT AND DEVELOPMENT
329 JODHPUR PARK, CALCUTTA 700 068*

MAY 2002

CONTENTS

SI No.	Subjects	Page No
	Executive Summary	I-XVI
1.0	Introduction and Background	1
1.1	Scope of the Report	1
1.2	Reclamation Principle	1
1.3	Care and Maintenance and Closure Rehabilitation Option	1
1.4	Approach, Limitation	1
1.5	Project Description	2
2.0	Legislative Best Practice Standard and Corporate Consideration	3
2.1	Legislative Requirements	3
2.2	World Bank Policies and Guidelines	3
2.3	Corporate Statements	4
2.4	Best Practice Standard	5
2.5	Environmental and Social Management	6
3.0	Mine Reclamation and Closure Plan	18
3.1	Reclamation Objective and Land Use	18
3.2	Socioeconomic Consideration	18
3.3	Tailing dam, Open pits, Dumps and Stockpiles	19
3.4	Accommodation, Roads, Processing Plant and Ancillary Facilities	20
3.5	Acid Rock Drainage Management	22
3.6	Rehabilitation of Disturbed Areas	22
3.7	Water and Waste Management	32
3.8	Monitoring Programme	34
4.0	Work Programme, Budget and Schedule	36
4.1	Ongoing Reclamation	36
4.2	Site Configuration at cessation of mining	36
4.3	Decommissioning and Closure of Facilities and Proposed Action	36
4.4	Fallback Strategies	37
4.5	Schedule of Operation and Cost	37
4.6	Management Supervision	38
	Annexure-1	39-65