

NON FOREST LAND

M.L. NO. – 275/05 ( R )

**FORM – I**  
&  
**PRE-FEASIBILITY REPORT**  
FOR  
**ENVIRONMENTAL CLEARANCE (EC)**

(Under Clause 6 of S.O.1533 of Environment Impact Assessment Notification, 2006)

**DHOLI QUARTZ FELDSPAR & MICA MINE**  
**NEAR VILLAGE – DHOLI**  
**TEHSIL – ASIND, DISTT. – BHILWARA (RAJ.)**  
**MINING LEASE AREA– 49.00 HECT.**  
**MINERAL - QUARTZ, FELDSPAR & MICA**  
**CATEGORY –“A”**  
**PROJECT COST – Rs.50 LACS**

**PURPOSE:**

**Environment Clearance For**  
**PROPOSED PRODUCTION - 33500 TPA**



**APPLICANT**

SMT. SUSHMA ARORA  
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NEW POWER HOUSE ROAD, JODHPUR.(RAJ. )  
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**EIA CONSULTANT**

M/S UDAIPUR MIN TECH PVT. LTD.  
206, APEKSHA COMPLEX. SEC. - 11  
HIRAN MAGRI, UDAIPUR (RAJ.) – 313002  
PH. 91-294-2489672 (OFF.),+91 9414167672 (M)  
EMAIL- [sbist@udrmintech.com](mailto:sbist@udrmintech.com)

**Accredited By NABET (Sr. No. 157) Under “A” Category For Sector 1 & “B” Category For Sector 38 & 39**

# ***FORM – I***

### LIST OF PLATES

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### LIST OF ANNEXURES

Sr. No.	Description	Annexure No.
1	Copy of Renewal deed	I
2	Copy of M.L. Transfer deed	II
3	Copy of approval letter of Scheme of Mining	III
4	Copy of Power of Attorney	IV
5	Copy of Environment clearance	V

## FORM-I

### (I) Basic Information

S. No.	Item	Details
1.	Name of the Project/s	Dholi Mine Mineral : Quartz, Feldspar & Mica
2.	S. No. in the schedule	1(a)
3.	Proposed capacity /area / length/ tonnage to be handled/command area/lease area/number of well to be drilled	Proposed production 33500 TPA Mining lease area – 49.00 hectare
4.	New/Expansion/Modernization	Expansion
5.	Existing capacity/ Area etc.	Mining lease no.275/05, area 49.00 hectare Proposed production 33500 MTPA
6.	Category of Project i.e. “A” or “B”	“A”
7.	Does it attract the general condition? If yes, please specify.	No
8.	Does it attract the specific condition? If yes, please specify	No
9.	Location	
	Plot/Survey/Khasra No.	M.L. No. 275/05, old M.L.no.40/85
	Near Village	Dholi
	Tehsil	Asind
	District	Bhilwara
	State	Rajasthan

10.	Nearest Railway Station / Airport along with distance in Km (by Road)	Nearest Railway Station is Mandal at a distance of 38 km SE from M.L.area. Airport – Dabok, Udaipur at a distance of 203 km SW from M.L. area.	
11.	Nearest Town City District Headquarter	Asind, 19.70 km NW. Bhilwara, 59 km S. Bhilwara (Rajasthan).	
12.	Name of the Applicant/Lessee	Smt. Sushma Arora	
13.	Registered Address	70, Sector-7, Extension, Indra Vihar, Street, New power house road, Jodhpur (Raj.)	
14.	Address for Correspondence		
	Name	Shri Sudhir Shrotriya	Shri S.S. Bist
	Designation(Owner/Partner/CEO)	Power of Attorney	EIA Coordinator
	Address:	96, Ahinsapuri, Near Inani Public School, Udaipur road, Chittorgarh Raj.	206, Apeksha complex, Sector-11, Hiran Magri, Udaipur (Raj.) 313002
	E mail	<a href="mailto:sudhir_jkwhite@yahoo.in">sudhir_jkwhite@yahoo.in</a>	<a href="mailto:ssbist@udrmintech.com">ssbist@udrmintech.com</a>
	Telephone No./ Mobile No.	+91 9414109512	+91 9414167672
	Fax No.	Nil	+ 91- 294-2489672
15.	Details of Alternative Sites examined, if any. Location of these sites should be shown	N.A. Mining area is site specific. Key Plan Enclosed. Toposheet no. 45K/6.	

	on a topo-sheet.	
16.	Interlinked Project	None
17.	Whether separate application of interlinked project has been submitted	Not applicable
18.	If yes, date of submission	Not applicable
19.	If no reason	Not applicable
20.	Whether the proposal involves approval / clearance under : a) The Forest (Conservation) Act, 1980 b) The Wildlife (Protection) Act, 1972 c) The C.R.Z. Notification, 1991	No No No
21.	Forest land Involved (hectares)	No
22.	Whether there is any litigation pending against the project and/or land in which	No

**(II) Activity**

**1. Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.)**

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data																																																							
1.1	Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan)	Yes	<p>1) The mining area is Govt. Waste Land (33.00 Hectare) &amp; Private Waste Land (16.00 hectare).</p> <p>2) The highest elevation of the area is 409m and lowest elevation is 400 m.</p> <p>3) The permanent change in land use within the M.L. area will be due to mining. Detail of land use up to post-operational phase is given in tabular form.</p> <p style="text-align: center;"><b>Land use pattern (Hectare)</b></p> <table border="1" data-bbox="612 1169 1522 1935"> <thead> <tr> <th data-bbox="612 1169 708 1249">Sr. No.</th> <th data-bbox="708 1169 906 1249">Particulars</th> <th data-bbox="906 1169 1110 1249">Pre-Operational</th> <th data-bbox="1110 1169 1315 1249">Operational</th> <th data-bbox="1315 1169 1522 1249">Post-Operational</th> </tr> </thead> <tbody> <tr> <td data-bbox="612 1249 708 1312">A)</td> <td data-bbox="708 1249 906 1312"><b>Mining Activity</b></td> <td data-bbox="906 1249 1110 1312"></td> <td data-bbox="1110 1249 1315 1312"></td> <td data-bbox="1315 1249 1522 1312"></td> </tr> <tr> <td data-bbox="612 1312 708 1352">1</td> <td data-bbox="708 1312 906 1352">Pits</td> <td data-bbox="906 1312 1110 1352">1.220</td> <td data-bbox="1110 1312 1315 1352">2.650</td> <td data-bbox="1315 1312 1522 1352">7.420</td> </tr> <tr> <td data-bbox="612 1352 708 1393">2</td> <td data-bbox="708 1352 906 1393">Dumps</td> <td data-bbox="906 1352 1110 1393">0.520</td> <td data-bbox="1110 1352 1315 1393">0.954</td> <td data-bbox="1315 1352 1522 1393">0.00</td> </tr> <tr> <td data-bbox="612 1393 708 1456">3</td> <td data-bbox="708 1393 906 1456">Road &amp; Building</td> <td data-bbox="906 1393 1110 1456">0.310</td> <td data-bbox="1110 1393 1315 1456">0.310</td> <td data-bbox="1315 1393 1522 1456">0.00</td> </tr> <tr> <td data-bbox="612 1456 708 1518">4</td> <td data-bbox="708 1456 906 1518">Mineral Storage</td> <td data-bbox="906 1456 1110 1518">0.100</td> <td data-bbox="1110 1456 1315 1518">0.200</td> <td data-bbox="1315 1456 1522 1518">0.00</td> </tr> <tr> <td data-bbox="612 1518 708 1559">5</td> <td data-bbox="708 1518 906 1559">Plantation</td> <td data-bbox="906 1518 1110 1559">0.150</td> <td data-bbox="1110 1518 1315 1559">0.400</td> <td data-bbox="1315 1518 1522 1559">1.500</td> </tr> <tr> <td data-bbox="612 1559 708 1621">6</td> <td data-bbox="708 1559 906 1621">Water storage</td> <td data-bbox="906 1559 1110 1621">0.00</td> <td data-bbox="1110 1559 1315 1621">0.00</td> <td data-bbox="1315 1559 1522 1621">0.00</td> </tr> <tr> <td data-bbox="612 1621 708 1729">B)</td> <td data-bbox="708 1621 906 1729">Private Land</td> <td data-bbox="906 1621 1110 1729">16.00</td> <td data-bbox="1110 1621 1315 1729">16.00</td> <td data-bbox="1315 1621 1522 1729">16.00</td> </tr> <tr> <td data-bbox="612 1729 708 1832">C)</td> <td data-bbox="708 1729 906 1832">Remaining Virgin. Govt. Waste Land</td> <td data-bbox="906 1729 1110 1832">30.7</td> <td data-bbox="1110 1729 1315 1832">28.5</td> <td data-bbox="1315 1729 1522 1832">24.08</td> </tr> <tr> <td data-bbox="612 1832 708 1935">Total area</td> <td data-bbox="708 1832 906 1935"></td> <td data-bbox="906 1832 1110 1935">49.00</td> <td data-bbox="1110 1832 1315 1935">49.00</td> <td data-bbox="1315 1832 1522 1935">49.00</td> </tr> </tbody> </table>	Sr. No.	Particulars	Pre-Operational	Operational	Post-Operational	A)	<b>Mining Activity</b>				1	Pits	1.220	2.650	7.420	2	Dumps	0.520	0.954	0.00	3	Road & Building	0.310	0.310	0.00	4	Mineral Storage	0.100	0.200	0.00	5	Plantation	0.150	0.400	1.500	6	Water storage	0.00	0.00	0.00	B)	Private Land	16.00	16.00	16.00	C)	Remaining Virgin. Govt. Waste Land	30.7	28.5	24.08	Total area		49.00	49.00	49.00
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			<ul style="list-style-type: none"> <li>No backfilling has been proposed at the end of scheme period, as shown in conceptual plan, plate no. -6.</li> </ul>
1.2	Clearance of existing land, vegetation and buildings?	No	No vegetation within the lease area so no clearance will be required.
1.4	Pre-construction investigations e.g. bore houses, soil testing?	No	--
1.5	Construction works?	No	--
1.6	Demolition works?	No	--
1.7	Temporary sites used for construction works or housing of construction workers?	Yes	The laborers deployed will be from nearby villages. Rest shelter will be provided as per the rule 62 & 63 of Mines Rules 1955.
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	Yes	Mine excavation in the form of pits.
1.9	Underground works including mining or tunneling?	No	-
1.10	Reclamation works?	Yes	Total 50 plants will be used as planted every year. No backfilling has been proposed at the end of scheme period, as shown in conceptual plan, plate No. -6.
1.11	Dredging?	No	--
1.12	Offshore structures?	No	--
1.13	Production and manufacturing processes?	Yes	The Scheme of mining is based on present working of the mine & as per the target required for ensuring four years. The target of production is for mineral quartz, feldspar & mica. Presently the mine is running smoothly.  The manual mining is proposed with simple hand tools.

			<p>Drilling &amp; blasting is proposed in hard start, if required on hire basis. Production target of R.O.M. is around 24960MT, 28080MT, 30160MT for four consecutive years.</p> <p>The mining area for next four years is selected in present working site, by advancing towards north- eastern side, along the strike direction, as shown on plate No. 8.</p>
1.14	Facilities for storage of goods or materials?	Yes	Goods will be stored in the store at mine site and limestone will be Temporary stacked at pithead in lease area.
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	No	There is no solid waste and liquid effluent generation from the mining activity.
1.16	Facilities for long term housing of operational workers?	No	The mine workers will be from nearby villages so no long term housing facility is required.
1.17	New road, rail or sea traffic during construction or operation?	No	The existing road will be used for haulage of man & materials.
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?	No	The existing mode of transportation will be used. No new facility is required.
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	--
1.20	New or diverted transmission lines or pipelines?	No	--
1.21	Impoundment, damming, culverting,	No	--

	realignment or other changes to the hydrology of watercourses or aquifers?		
1.22	Stream crossings?	No	---
1.23	Abstraction or transfers of water form ground or surface waters?	Yes	There is no flowing water stream or lake as a surface water source in the core zone. The water requirement will be 3 KLD which will be obtained from well through tankers.
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	No change in water bodies, drainage or runoff is anticipated.
1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	Road transportation for personnel will be arranged by lessee and material will be transported by tippers/dumpers.
1.26	Long-term dismantling or decommissioning or restoration works?	No	--
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	--
1.28	Influx of people to an area in either temporarily or permanently?	No	No influx of people from outside. Labor will be deployed from nearby villages only. Only technical personnel may be deployed from outside the area if locally not available.
1.29	Introduction of alien species?	No	--
1.30	Loss of native species or genetic diversity?	No	Due to mining activity only some grasses & shrubs will be removed.
1.31	Any other actions?	No	--

**2. Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply):**

S. No.	Information/checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
2.1	Land especially undeveloped or agricultural land (ha)	Yes	16.00 hectare Private land, Nil Charagah land & 33.00 hectare Govt. Waste Land Total 49.00 hectare area will be used for mining and ancillaries activities.
2.2	Water (expected source & competing users) unit: KLD	Yes	Detail of water requirements in KLD as given below :  Source: Tube well  Dust suppression 2.0  For Drinking 0.5  Green Belt Dev. 0.5  Total 3.0 KLD
2.3	Minerals (MT)	Yes	33500 TPA
2.4	Construction material – stone, aggregates, sand / soil (expected source – MT)	No	-
2.5	Forests and timber (source – MT)	No	-
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	Yes	50 kw Electric Power connection will be taken from State Electricity Board for office, workshop and lighting arrangement. DG set will be made available to be used in case of emergency. Fuel (HSD) will be obtained from authorized public fuel station & about 70 lits./day H.S.D. will be used.
2.7	Any other natural resources (use appropriate standard units)	No	--

**3. Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health.**

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
3.1	Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna, and water supplies)	Yes	Drill hole will be blasted using explosive. Explosive will be handled and used as per the provision of Explosive Act 1884, Explosive Rules 2008 and MMR 1961 by the trained and qualified persons.
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	No	--
3.3	Affect the welfare of people e.g. by changing living conditions?	Yes	Local persons will get direct & indirect employment. The company provides the helping hand in the development of the nearby villages by following ways: <ul style="list-style-type: none"> <li>• Development of facilities within the villages like roads etc.</li> <li>• Supply of drinking water in the period of scarcity to the nearby villages.</li> <li>• Arrangement of regular free of cost of medical checkup camp for the employees which is also extended for the villagers.</li> <li>• Up-gradation of primary school in nearby villages</li> </ul>
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	--
3.5	Any other causes	No	--

**4. Production of solid wastes during construction or operation or decommissioning (MT/month)**

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
4.1	Soil, overburden or mine wastes	Yes	During five year plan period an estimated quantity of 29380MT of waste will be generated. The soil if encountered during mining will be stacked inside the lease area and used for plantation. Presently, backfilling is not proposed, After detailed exploration mineral reserves and mine life will be increased, due to this waste quantity and may change based on detailed exploration.
4.2	Municipal waste (domestic and or commercial wastes)	Yes	Domestic and office effluent will be disposed off through soak pit/septic tanks.
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	No	--
4.4	Other industrial process wastes	No	--
4.5	Surplus product	No	--
4.6	Sewage sludge or other sludge from effluent treatment	No	Toilet waste will be attached to soak pit, when removed, used as fertilizer in plantation.
4.7	Construction or demolition wastes	No	--
4.8	Redundant machinery or equipment	No	At the time of closure of mine machinery will be either used at the other mines or sold. Redundant machinery will be sold as scarp.
4.9	Contaminated soils or other materials	No	--
4.10	Agricultural wastes	No	--
4.11	Other solid wastes	No	--

**5. Release of pollutants or any hazardous, toxic or noxious substances to air (Kg/hr)**

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources	Yes	HSD 70 lits./day will be used in machineries during mining. Mostly mobile equipment's and their expected emission will be monitored and will have some impact. Equipment will be fitted with catalytic convertor and with valid PUC.
5.2	Emissions from production processes	Yes	Dust will be generated during activities such as drilling, blasting, handling and transportation of mineral. Advanced techniques will be used for drilling and blasting to minimize the impacts. Additionally, regular sprinkling of water will be carried out to suppress the dust.
5.3	Emissions from materials handling including storage or transport	Yes	Covered transport vehicles will reduce dust emission during transportation. Thus minimizing any negative impact. Additionally regular water sprinkling will be carried out along the haul roads for dust suppression.
5.4	Emissions from construction activities including plant and equipment	No	--
5.5	Dust or odours from handling of materials including construction materials, sewage and waste	Yes	Only dust emission from handling of material, which will be very less and not cause any negative impact. No odor will develop.
5.6	Emissions from incineration of waste	No	--
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	--
5.8	Emissions from any other sources	No	--

**6. Generation of Noise and Vibration, and Emissions of Light and Heat:**

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data with source of information data
6.1	From operation of equipment e.g. engines, ventilation plant, crushers	Yes	Noise from operation of drill machine, excavators, dumpers/ tippers & tractor trolleys will be produced. Noise levels will be maintained within permissible level by proper use of equipment and its maintenance. Operators will be provided with ear muff.
6.2	From industrial or similar processes	No	--
6.3	From construction or demolition	No	---
6.4	From blasting or piling	Yes	Noise will be produced from blasting and this will be momentarily. Controlled blasting will be practiced. There will be vibrations from blasting but no long term impact on nearby area is anticipated.
6.5	From construction or operational traffic	Yes	During traffic operational stage, the plying of dumpers / trucks will produce noise in very less magnitude, which will not cause any impact.
6.6	From lighting or cooling systems	No	--
6.7	From any other sources	No	--

**7. Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:**

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
7.1	From handling, storage, use or spillage of hazardous materials	No	There will be no release of pollutants from handling, storage or use of explosives. Explosive will be handled, stored and used as per the Rules and regulations.
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	No	Only domestic sewage will be discharged through septic tanks / soak pits.
7.3	By deposition of pollutants emitted to air into the land or into water	No	Dust settling on land is expected to be very low and will be non-toxic.
7.4	From any other sources	No	--
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	--

**8. Risk of accidents during construction or operation of the Project, which could affect human health or the environment**

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
8.1	From explosions, spillages, fires etc from storage, handling, use or production of hazardous substances	Yes	Explosive will be stored, transported and used as per the provisions of MMR 1961. Charging of holes and blasting will be carried out by competent persons under MMR 1961.
8.2	From any other causes	Yes	The risks of accidents are envisaged due to the operation of mine and failure of equipment's, etc. No loose stone or debris will be allowed to remain near the edges of excavation and along the sites of haul road. However, good safety practices will be adopted at the site. All precautionary measures will be adopted and use of protective equipment's will be mandatory. However, to meet the minor incidences and accidents first aid station at site will be provided. Mining operations will be under the supervision of qualified Mine Manager.
8.3	Could the project be affected by natural disasters causing environmental damage (e.g Floods, earthquakes, landslides, cloudburst etc)?	No	The topography of the lease area is such that it cannot be affected due to disaster in the form of flood and landslide. The area lies within seismic zone II. Thus probability of earthquake is low.

**9. Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality**

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
9.1	<p>Lead to development of supporting. Facilities, ancillary development or development</p> <p>stimulated by the project which could have impact on the environment e.g.:</p> <ul style="list-style-type: none"> <li>• Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.)</li> <li>• housing development</li> <li>• extractive industries</li> <li>• supply industries</li> <li>• other</li> </ul>	Yes	<p>Proposed project will result in further growth of the surrounding area by increasing direct and indirect employment opportunities in the region.</p> <p>All supporting infrastructure will be developed i.e. office, rest shelter, first aid station will be constructed.</p>
9.2	Lead to after-use of the site, which could have an impact on the environment	Yes	Plantation will be done according to approved Mining plan as well as mined out pits will be developed as rain water collection pond. Hence beneficial impact on environment will be expected due to the after use of the lease area.

9.3	Set a precedent for later developments	No	--
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	Yes	As the area being rich with mineral, number of mines in surrounding area may either restart or increase production which will lead to increased combined environmental impacts, particularly due to increased road traffic for materials transport/dispatch.

**(I) Environmental Sensitivity**

S.No.	Areas	Name/ Identity	Aerial distance (within 15 km.) of Proposed project location boundary
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	--	--
2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	No	
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, overwintering, migration	-	-
4	Inland, coastal, marine or underground waters	-	-
5	State, National boundaries	-	-

6	Routes or facilities used by the public for access  to recreation or other tourist, pilgrim areas	N H-158 NH-116 A S H -61 Mandal Railway Station Dabok Airport	6.7 km SW 21 km ES 18.8 km S  38 km SE  203 km SW
7	Defense installations	-	--
8	Densely populated or built-up area	Dholi	Approx. 1.50 km from M.L. area in SE
9	Areas occupied by sensitive man-made land uses ( <i>hospitals, schools, places of worship, community facilities</i> )	Health Center at Asind Schools at Asind	19.70 Km NW
10	Areas containing important, high quality or scarce resources  ( <i>ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals</i> )	No	(in mining plan page 24)
11	Areas already subjected to pollution or environmental damage. ( <i>those where existing legal environmental standards are exceeded</i> )	-	--
12	Areas susceptible to natural hazard which could cause the project to present environmental problems  ( <i>earthquakes, subsidence, landslides, erosion, flooding</i>  <i>or extreme or adverse climatic conditions</i> )	-	--

## Undertaking

I hereby give an undertaking that the data and information given in the application and enclosures are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the project will be revoked at our risk and cost.

**Shri Sudhir Shrotriya**

**(Authorized Signatory)**

***PRE – FEASIBILITY  
REPORT***

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## 1. EXECUTIVE SUMMARY

Particulars	Details		
Location	Dholi Quartz, Feldspar & Mica mine Near village Dholi, Tehsil –Asind, Distt –Bhilwara, Rajasthan		
Latitude			
Longitude			
Toposheet No.	45K/6		
Total lease area	49.00 hectare		
Mineable Reserves	990831MT		
Capacity	Proposed production – 33500 TPA		
Life of Mine	19 years		
Ultimate Pit Limit	390 mRL		
Estimated project cost	Rs 50 Lakh		
EMP Cost	Rs 10 Lakh		
DG Set	Nil		
Highest and Lowest Elevation	S. No.	Particulars	Elevation (m AMSL)
	1.	Highest	409
	2.	Lowest	400
Land use	Govt. Waste land (33.00 hectare) & Private Land (16.00 hectare)		
Nearest Habitation/ Town	Asind, 19.70 km NW.		

Nearest Airport	Dabok Udaipur, 203 km SW
Nearest Highway	NH-158 at 6.7km SW, NH-116 A 21 km ES
Nearest Railway Station	Mandal Railway Station 38 km SE
Power Supply	Sinla
Nearest Dispensary and Govt. Hospital	Asind at 19.70 km. NW.
Educational Facility	Asind at 19.70 km. NW.
Nearest Telephone Facility	Asind at 19.70 km. NW.
Water Demand and Supply	3 KLD, Source: Tube well
Nearest Tourist Places	None within the study area
Defense Installations	None within the study area
Archeological Features	None within the study area
Ecological Sensitive Zones	None within the study area
Nearest Streams/ Rivers/ Water Bodies (from mine boundary)	No(mining plan page 24)
Seismic Zone	Seismic zone – II

## 2. INTRODUCTION OF PROJECT /BACKGROUND INFORMATION

Mining project for Quartz, Feldspar and Mica with. M.L. No 275/05(R). The project is located near village – Dholi Tehsil – Asind and District – Bhilwara, Rajasthan. M.L.area – 49.00 hectare.

Proposed production –33500 MTPA

### 2.1 Identification of the project and project proponent

<b>Name of the Project</b>	Dholi Quartz, Feldspar & Mica mine
<b>Name of the Lessee</b>	Smt. Sushma Arora
<b>Location of the project</b>	Near Village – Dholi Tehsil –Asind, Distt –Bhilwara Rajasthan
<b>Proposed Production</b>	33500 MTPA
<b>Lease Area</b>	33.00 hectare & 16.00 hectare (Govt. Waste Land & Private Land)
<b>Mob. No.</b>	+91 9414109512
<b>Status of the Firm</b>	Private Individual

### 2.2 Brief description of the nature of the project:

- The lease was granted for 49.0 ha. area by Govt. of Rajasthan vide order no. P-8(21)Khan/Group/-2/86 on dt. 17/03/1986 in favour of Sh. Hemendra Singh Rathore S/o Sh. Umed Singh Rathore. The lease was executed on 19/09/2002 for 20 years, w.e.f. 19/09/1986 to 18/09/2006.
- The lease was then transferred to Smt. Madhu Badola W/o Sh. Ashok Kumar vide Govt. order no. DMG/BHL/CC-8/P-1(1)40/85/895 on dated 28/07/1998 for the remaining period.
- Later, the lease was transferred to M/s Prabhat Enterprises Prop.- Smt Kamla Devi Deedwaniya W/o Sh. Om Prakash Deedwaniya, vide Govt. order no. DMG/BHL/CC-3/P-1(1)40/85/1760 on dt. 03/11/2004 for the remaining period.

- The lease was renewed vide DMG, Udaipur order No- DMG/BHL/CC-3/P-1(1) 275/05/7328 on dated 01.12.2007, for the period of 20 years, w.e.f. 19.09.2006 to 18.09.2026. Renewal deed is enclosed as an Annexure No - I.
- Further, the lease was transferred to Smt. Sushma Arora W/o Shri B.K. Arora, 70, Sector -7, Extension, Indra Vihar Street, New power house road, Jodhpur (Raj.) vide Govt. order No – DMG/BHL/CC-5/F-1(1) 275/2005/1067 on dated 30.01.2014 for the remaining period. Transfer deed is enclosed as an Annexure No – II.
- Scheme of mining with PMCP was approved by DMG, Bhilwara vide letter no. AME / Bhil Cir. / Mining Scheme / ML-275 / 2005 / 3538 dt.31-12-2015. Copy of approval letter is enclosed as Annexure no. III.
- Sh. Sudhir Shrotriya is the Power of Attorney holder for the said mining lease. Refer Annexure – IV for Power of Attorney.
- Environmental Clearance was granted by MoEF, New Delhi for the mining lease vide letter no. J/11015/227/2005-IA-II(M) dt. 22<sup>nd</sup> Aug. 2006 in the name of Smt. Madhu Badala.
- Now the present lessee i.e. Smt. Sushma Arora applied for the amendment in EC letter for change of name of lessee.

**Nature of the Project:**

Mining of Quartz, Feldspar & Mica is proposed in the area of 33.00 hectare & 16.00 hectare (Govt. Waste Land & Private Land), near village– Dholi, Tehsil – Asind, District – Bhilwara, Rajasthan. Mining will be carried out by Opencast manual mine method. Proposed production is 33500 TPA.

**2.3 Need for the project and its importance to the country and or region:**

The basic objective of the project is to make effective utilization of material in the country or region. The entire mineral generated from this mine will be sold to buyers. The mining will help in the economic growth of the country or region and provides direct and indirect employment to nearby laborers.

**2.4 Demands-supply gap:**

The entire mineral generated from this mine will be sold to the buyers.

**2.5 Imports vs. Indigenous Production**

There will be no import for the project. There will be indigenous inputs in the entire mining activity.

**2.6 Export Possibility**

The entire production of mineral will be sold to buyers. No part of the product is proposed to be exported.

**2.7 Domestic/Export Markets**

The proposed mining activity is for obtaining mineral for indigenous consumption.

**2.8 Employment Generation (Direct or Indirect)**

The mining project will generate direct & indirect employment. About 64 people will get employment. About 60-70 % employment shall be from local villages.

S No.	Category	Nos.
1	Skilled	3
2	Semi- Skilled	5
3	Un-Skilled	56
<b>Total</b>		<b>64</b>

### **3.0 PROJECT DESCRIPTION**

#### **3.1 Type of project including interlinked and interdependent projects:**

The proposed project is mining unit of Quartz, Feldspar and Mica in the area of 49.00 hectare. Situated near village – Dholi, Tehsil – Asind & District – Bhilwara, Rajasthan. Proposed mineral production is 33500 TPA. No Interlinked or Interdependent project.

#### **3.2 Location**

Near Village : Dholi  
Tehsil : Asind  
District : Bhilwara  
State : Rajasthan

#### **TOPOSHEET NO. WITH LATITUDE AND LONGITUDE**

The M.L area forms a part of Survey of India toposheet no. 45K/6. The area is located at following latitude and longitudes:

Latitude:

Longitude:

The highest elevation of the area is 409 m AMSL and lowest being 400 m AMSL.

#### **3.3 Details of Alternate Site Considered and the Basis of Selecting the Proposed Site, Particularly the Environmental Considerations Gone Into Should Be Highlighted:**

Mining is site specific project hence no alternate site is considered.

#### **3.4 Size/Magnitude of Operation**

It is proposed to produce 33500 TPA of Quartz, Feldspar and Mica from the area of 49.00 hectares by Open cast manual method of mining.

### **3.5 Project description with process details:**

The proposed project is mining unit of Quartz, Feldspar and Mica in the area of 49.00 hectare. Situated near village – Dholi, Tehsil – Asind & District –Bhilwara, Rajasthan. Proposed mineral production is 33500 TPA.

#### **Proposed Mining Method**

The mine shall be developed by open cast manual mining by developing systematic benches.

The bench Parameter shall be for mineral

1. Bench Height 3 m
2. Working Bench Width 5-10 m
3. Working Face Slope 85°

Dozers shall be deployed for making haul roads, their maintenance, dozing, collection and removal of loose material, cleaning of haul road and faces, making heaps of blasted material for efficient loading etc.

JCB excavators with 0.5 cum capacity bucket shall be used to load mineral into 20 tonne capacity diesel engine operated Rear Dumpers.

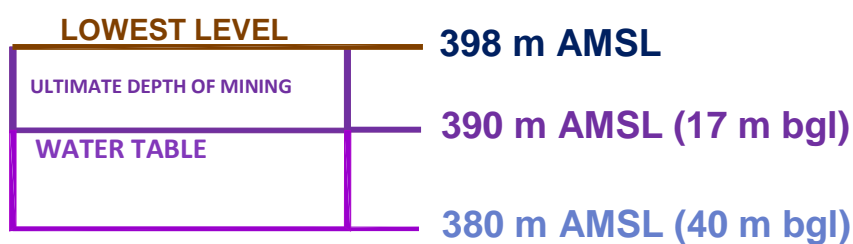
ROM mineral from various benches shall be transported directly to the buyer's plant.

32 mm dia drilling holes are proposed with hole depth of 1.5 m drilling. The explosive charge per hole shall, therefore, be 0.75 kgs. with about 25% of the charge being booster charge and the balance 75% consisting of column charge, ANFO. The pattern of initiation adopted affects the standard of fragmentation, muck profile after blast, ground vibrations caused, noise generated, fly rock, air blast etc. At this area, square/ rectangular/ staggered grid, multi row pattern or extended V pattern shall be adopted to start with and later on based on experience gained the pattern to be adopted in future shall be standardized.

Long/ short (ms) delays shall be used. This will help in reduction of ground vibrations, back break, fly-rock, air blast etc.

## Ground Water Table

Proposed working will not intersect Ground water.



## Extent of Mechanization

Following machinery are proposed for further development.

S. No.	Type of Machine	Capacity	No.
1.	Jack Hammer drill machine	32 mm. dia	4
2.	Air Compressor	450 cfm	2
3.	Excavators	0.5m <sup>3</sup>	1
4.	Dumper	25 T	2
5.	Tractor with Trolley	5 T	1
6.	Water Tanker	10 KL	1
7.	Water pump	5HP	1

### Year wise Production

Proposed production is 33500 TPA.

Tentative excavation during first to Five Years in terms of tonnes:

Year	ROM	Recoverable Mineral 70%	Sub Grade 20%	Waste 10%	Over burden
2015-2016	24960MT	17472MT	4992MT	2496MT	4750MT
2016-2017	28080MT	19656MT	5616MT	2808MT	500MT
2017-2018	30160MT	21112MT	6032MT	3016MT	7250MT
2018-2019	33500MT	23450MT	6700MT	3350MT	5210MT
<b>Total</b>	<b>116700MT</b>	<b>81690MT</b>	<b>23340MT</b>	<b>11670MT</b>	<b>17710MT</b>

### Source-Mining Plan

**3.6 Raw material required along with estimated quantity, likely source, marketing area of final products, mode of transport of raw material and finished product:**

Raw material, Quartz and Feldspar will be produced by opencast manual method of mining, proposed production is 33500 TPA, it will be transported to buyer's Plant by using tippers/dumpers.

**3.7 Resource optimization/ recycling and reuse envisaged in the project, if any, should be briefly outlined.**

Not applicable.

**3.8 Availability of water its source, energy/power requirement and source :**

Water shall be required for mining to cater for drinking purposes, dust suppression at faces and a long haul roads, cleaning and plantation/ greenbelt etc. No water shall be required for processing. The requirement of water for the above purposes is estimated at 3 KLD. Water spraying along the haulage roads shall be done using the tankers.

The sources of water are:

- There exists tube well in near vicinity of area.
- Water is available in the tube well throughout the year.

- Mine water collected in the pit during monsoon.

Spraying of water at the faces, haul roads will not generate any waste water as the same would evaporate or percolate to lower levels through the strata below (which are normally porous). There shall be no recycling of water on this account.

No waste water will be generated there is no workshop proposed at mine site.

The water requirement for the mine is as below: -

<b>Water Requirement per day</b>	
<b>Activities</b>	<b>Quantity (KLD)</b>
Domestic for drinking purpose	0.5
Dust suppression	2.0
Green belt development	0.5
<b>Total Requirement</b>	<b>3</b>

Diesel for tippers/equipment – about 70 Lt. per day is known to be consumed. Diesel will be brought from outside, from nearby diesel pumps.

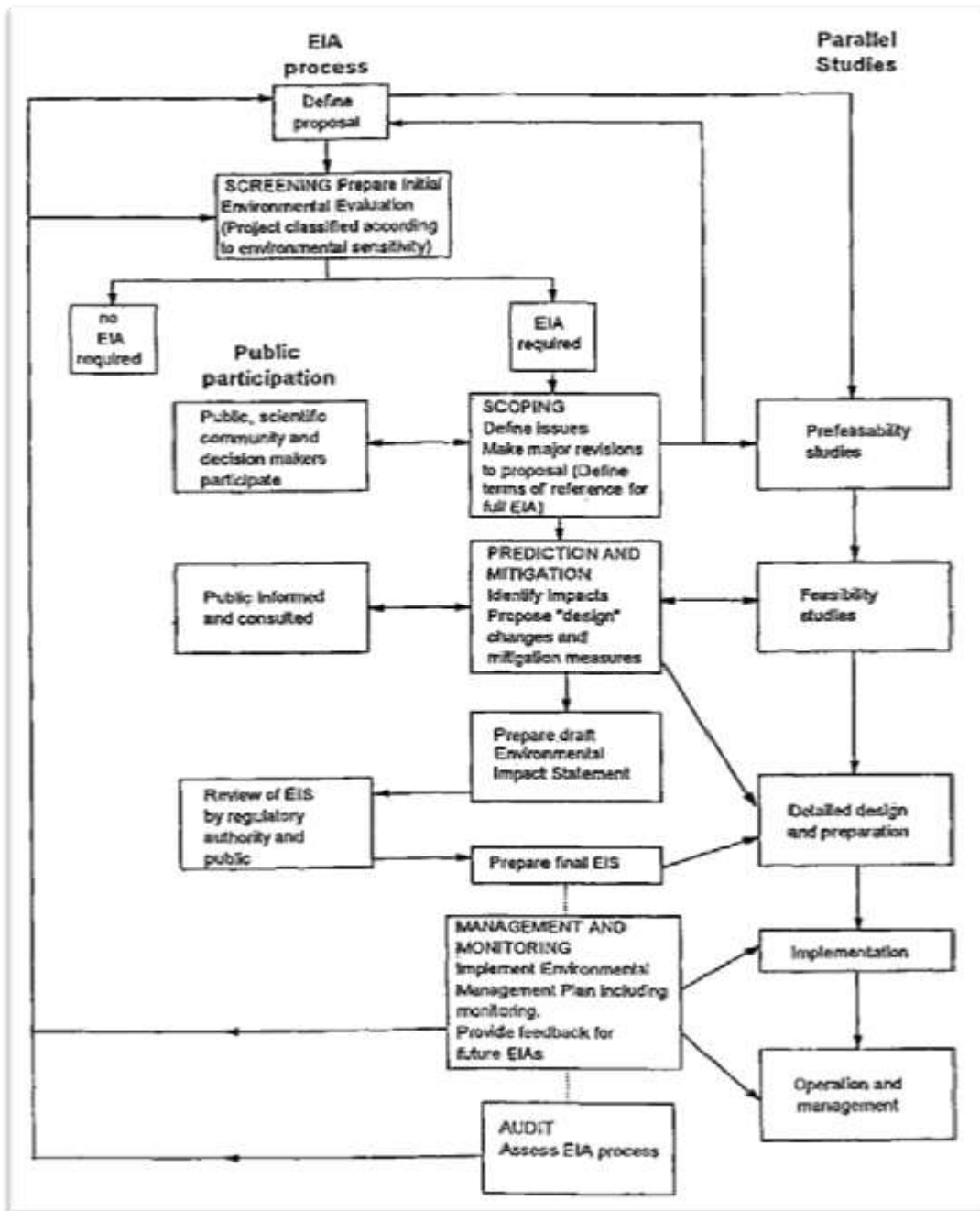
### **3.9 Quantity of wastes to be generated (liquid and solid) and scheme for their management /disposal:**

Side burden and mineral reject generated will be 17710MT and 11670 MT respectively. Waste rock will be stacked separately till first five years of working and backfilling is not proposed.

The estimated quantity of Side burden and mineral reject to be generated during the ensuing mine plan period is depicted in the table below: -

<b>Year</b>	<b>Side burden MT</b>	<b>Mineral reject MT</b>
1 <sup>st</sup>	4750	2496
2 <sup>nd</sup>	500	2808
3 <sup>rd</sup>	7250	3016
4 <sup>th</sup>	5210	3350
<b>Total</b>	<b>17710</b>	<b>11670</b>

3.10 Schematic Representations of The Feasibility Drawing Which Give Information of EC Purpose:



## 4.0 SITE ANALYSIS

The M.L. area is for mineral Quartz, Feldspar and Mica which is suitable for use in Ceramic industry. The selected site has the following advantages.

1. The area chosen is not having habitation. The site is well connected by road.
2. No endangered species around the mine site.
3. Availability of labors from nearby villages.
4. Proximity to the market.

### 4.1 Connectivity

#### Connectivity Details from Project Site:

Sr. No.	Particulars	Details
1.	Road Connectivity	<p>The area is about 1.50 km in SE from the Dholi village. The area is presently not well connected directly with the National and State highways. Few buses are plying on the road leading to village Dholi.</p> <p>Facilities available around the M.L. area:</p> <ol style="list-style-type: none"> <li>1. Police Station at Asind – 19.70 km NW.</li> <li>2. NH-158 at 6.7km, NH- 116 A at, 21 ES. SH-61 at 18.8 km S.</li> <li>3. Railway Station at Mandal – 38 km SE.</li> <li>4. Hospital at Asind –19.70 km NW.</li> <li>5. Bhilwara (district HQ) 59 km. S.</li> <li>6. Airport at Dabok Udaipur – 203 km. SW.</li> </ol>
2.	Nearest Highway	NH-158 at 6.7 SW & NH 116 A at 21 km ES.
3.	Nearest Railway Station	The nearest railhead is at Mandal at a distance of 38 km SE.

4.	Nearest Airport	The nearest civilian airport for regular commercial flights is at Dabok Udaipur, the road distance from the M.L. area is around 203 km SW.
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#### 4.2 Land form, land use and land ownership

The M.L. area is undulating terrain marked by soil land with low raised stony waste hills trending north-south. The highest elevation of the area is 409 m AMSL and lowest elevation is 400 mAMSL.

Type of Land	Area in Hectares
Govt. Waste Land	33.00
Private Land	16.00
Charagah Land	NIL
<b>Total:</b>	<b>49.00</b>

#### 4.3 Topography

The M.L. area is undulating terrain marked by land with low raised stony waste hills trending north-south. The highest elevation of the area is 409 m AMSL and lowest elevation is 400 m AMSL.

The area for mining lease forms part of the semi-arid zone. No specific drainage pattern is developed within the area. The rainwater flows as per natural slopes in the nearby fields. No perennial nallas or river is found in the M.L. area. Khari River flows at around 6.0 km in south which is a seasonal River.

#### 4.4 Existing Land use Pattern

The applied area is Govt. Waste Land, Charagah Land & Private Land (33.00 & 16.00 hectare). Existing land use pattern is given as below:

	Forest Land	Charagah Land	Private Land	Govt. Waste Land	Others	Total
Pits & Quarries	Nil	Nil	0.020 hectare	1.200 hectare	Nil	1.220 hectare
Dumps & Waste	Nil	Nil	Nil	0.520 hectare	Nil	0.520 hectare
Approach road	Nil	Nil	0.080 hectare	0.230 hectare	Nil	0.310 hectare
Area Afforested	Nil	Nil	Nil	Nil	Nil	Nil
Area backfilled	Nil	Nil	Nil	Nil	Nil	Nil
Others	Nil	Nil	15.900 hectare	31.070 hectare	Nil	46.950 hectare
<b>Total</b>	<b>Nil</b>	<b>Nil</b>	<b>16.000 hectare</b>	<b>33.000 hectare</b>	<b>Nil</b>	<b>49.000 hectare</b>

#### 4.5 Existing Infrastructure:

Road transport, post and telegraph, communication, banking, education and health care are the basic amenities, which are required in any township. Management shall take all the necessary steps for up liftment of the basic amenities in the area by providing drinking water, pucca road, education, health care etc. Regular medical checkups of the mine employees will be carried out as per the provisions of Mines Rules 1955.

#### 4.6 Soil classification:

The area of mineralization and its surroundings present a simple structural setup. No major structural feature and disturbed structure is observed in the area.

##### a) Regional geology:-

Geologically Bhilwara super group occupies major part of the district. The Vindhyan Super group represented by sandstone, shale and limestone is exposed in south-eastern part of the district along the great boundary



#### **4.7 Climatic details**

The climatic conditions in this region remain arid to semi arid throughout the year, with extremes of temperature and unreliable scanty rainfall. The rainfall is very unreliable, as there have been fluctuations during various periods. The rainfall in the area is scanty about average 400 mm per annum. About 80% of the rainfall is during the months of July to September. The variation of annual rainfall from year to year is very large. On an average, there are about 30 rainy days in a year. During the southwest monsoon season relative humidity is generally 60% and during the rest of the year is 30%. During summer season sometimes, humidity drops as low as 15%.

Variation is very high in maximum and minimum temperature ranges, which are the characteristics of tropical climate. The temperature starts rising from March to maximum in the month of May/ June. Hottest months are April, May & June with scorching sun always over the sky. In summer extremely hot when day temperature shoots up to 47°C. The lowest temperature in winter season has been recorded 3°C.

The air is generally dry except during the short period of rainy season.

#### **4.8 Social Infrastructure**

The social infrastructure like educational facilities (Primary and Higher Secondary School), Drinking water supply, Post and Telegraph, Public transportation and Primary Health Centre are available in the study area.

### **5. PLANNING BRIEF**

#### **5.1 Planning concept**

The proposed project is mining unit of Quartz, Feldspar and Mica in the area of 49.00 hectare situated near village – Dholi, Tehsil – Asind & District – Bhilwara, Rajasthan. Proposed mineral production is 33500 TPA.

## 5.2 Population projection

The mining project will generate direct & indirect employment. About 64 people will get employment. About 60-70 % employment shall be from local villages.

S No.	Category	Nos.
1	Skilled	3
2	Semi- Skilled	5
3	Un-Skilled	56
<b>Total</b>		<b>64</b>

## 5.3 Land use Planning:

### Land use pattern (Hectare)

Sr. No.	Particulars	Pre-Operational	Operational	Post-Operational
A)	<b>Mining Activity</b>			
1	Pits	1.220	2.650	7.420
2	Dumps	0.520	0.954	0.00
3	Road & Building	0.310	0.310	0.00
4	Mineral Storage	0.100	0.200	0.00
5	Plantation	0.150	0.400	1.500
6	Water storage	0.00	0.00	0.00
B)	Private Land	16.00	16.00	16.00
C)	Remaining Virgin. Govt. Waste Land	30.7	28.5	24.08
<b>Total area</b>		<b>49.00</b>	<b>49.00</b>	<b>49.00</b>

## 5.4 Assessment of infrastructure demand (physical and social).

Road transport, post and telegraph, communication, banking, education and health care are the basic amenities, which are required in any township. Management shall take all the necessary steps for upliftment of the basic amenities in the area by providing drinking water, pucca road,

education, health care etc. Regular medical checkups of the mine employees will be carried out as per the provisions of Mines Rules 1955.

## 5.5 Facilities provided:

### 5.5.1 Infrastructure

Additional facilities will be made as per the requirement. Arrangements for safe and healthy working conditions. Provision of Drinking water from nearby tube well or through tankers in dry period as per the Mines Rules. Toilets, First aid facility will be provided as per Mines rules.

### 5.5.2 Landscaping and green belt development

During the first four years plantation is proposed to be covered an area of 0.32 ha along boundary. Plantation shall be done at the rate of 1000 saplings/ha.

#### Stage wise Cumulative Plantation

Year	Peripheral		Unworked / Backfilled Area		Total	
	Area (Ha.)	No. of trees	Area (Ha.)	No. of trees	Area (Ha.)	No. of trees
1 <sup>st</sup>	0.08	50	-	-	0.08	50
2 <sup>nd</sup>	0.08	50	-	-	0.08	50
3 <sup>rd</sup>	0.08	50	-	-	0.08	50
4 <sup>th</sup>	0.08	50	-	-	0.08	50
<b>Total</b>	<b>0.32</b>	<b>200</b>	-	-	<b>0.32</b>	<b>200</b>

The following species to be planted: -

S. No.	Local Name	Botanical Name
1.	Anwala	Emblica officinalis
2.	Neem	Azadirachta indica
3.	Shisham	Dalbergia sissoo

#### **Protection of Plants:**

Survival rate assumed: 75%. For improving the survival rate of the plant following measures to be taken care of:

- A self generation bio-fertilizer will also be established.
- Tree guard/ fencing shall be provided to protect the saplings.

#### **5.5.3 Health and safety System**

During the opencast working, and allied activities, all the precautionary measures shall be taken into account as per MMR 1961 and MCDR 1988 for safety and security.

Following Safety & security measures will be enforced:

- Moving front of the quarry shall have temporary fencing.
- Permanent fencing will be provided where quarry has reached the ultimate pit limit.
- Mine entrance will have a permanent check post and record shall be maintained of all persons / vehicles entering the mine area.
- Round the clock security arrangement shall be provided to prevent inadvertent entry of persons.

#### **5.5.4 Disaster Management and Risk Assessment**

##### **Risk Assessment**

The limestone deposit is unstable structurally and geological evidences in the area support to this fact.

Due to the structural weaknesses and high rainfall characteristics the area is prone to loosening of rocks, swift currents carrying heavy sediment load, uprooting of trees involving the following risks: -

- (a) Land slides
- (b) Damage of life and property
- (c) Disruption of road & telecommunication facilities
- (d) Lightening
- (e) Fire hazard in HEMM

##### **Disaster Management:**

The complete mining operation will be carried under the management and control of experienced and qualified Mines Manager having Certificate of Competency to manage the mines, granted by DGMS. Standing orders and circulars issued by DGMS shall be followed by the mine management in case of disaster, if any.

To avoid any fire hazard all heavy earth moving equipment shall be provided with firefighting equipment. All fuel storage stations shall be provided with adequate fire fighting arrangements. Personal shall be given proper training in fire fighting and mock rehearsals conducted.

However to meet any emergency a Disaster Management Plan shall be prepared widely circulated and training through rehearsals and mock drills shall be done.

The objective of the Disaster Management Plan is to make use of the combined resources of the mines and outside services to achieve the following:-

- Effect the rescue and medical treatment of casualties
- Safeguard other people
- Minimize damage to property and the environment

- Initially contain and ultimately bring the incidence under control
- Identify any dead
- Provide authoritative information to the news media
- Secure the safe rehabilitation of affected area

In case of any need, help of District Administration, Govt. Hospital and Police from district town can be taken.

A senior most executive will be heading the emergency organization. He will work as site controller. Mine Manager will work as incident controller to organize the team for controlling the incident with the person under his control.

**Preventive Measures:**

- Dumps will be designed for a maximum height of 15m in three stages. The slope stability of waste rock dumps will be maintained with overall angle of 27° & the side slopes will be 45° from horizontal.
- All provisions of MMR 1961, conditions imposed in permission for Deep hole drilling and blasting and use of HEMM, and conditions of explosive license will be followed.
- Firefighting equipment in the machinery/ office will be maintained. Persons will be trained in the use of firefighting equipment and mock rehearsal will be conducted.
- Training of security personnel.
- Procedures as laid down in Disaster Management Plan to be followed.

**Training:**

Persons will be trained in the following:

- Knowledge of Explosive Chemical and use of protective equipment.
- Procedures for reporting emergencies
- Location and use of firefighting equipment

- Knowledge of alarm system and siren
- Evacuation procedures
- Training in first aid as per Mines Rules 1955

**Emergency Equipment & Facilities:**

- Mobiles
- Firefighting equipment
- Emergency medical supplies

Other protective equipments i.e. goggles, helmet, face shield, hand gloves, safety belts, barricade tape. First Aid station as per the provisions of Mines Rules 1955.

**6. PROPOSED INFRASTRUCTURE**

S. No.	Details	
1	Lease Area	49.00 hectares.
2	Residential Area	The nearest human settlement in buffer zone is in village Dholi .
3	Connectivity	The area is about 1.50 km in SE from the Dholi village. The area is presently not well connected directly with the National and State highways. Few buses are plying on the road leading to village Dholi. Facilities available around the M.L. area: 7. Police Station at Asind – 19.70 km NW. 8. NH-158 at 6.7 km SW. NH – 116 A at 21 ES, SH – 61 at 18.8 S. 9. Railway Station at Mandal – 38 km SE. 10. Hospital at Asind – 19.70 km NW. 11. Bhilwara (district HQ) 59.00km. S.

		12. Airport at Dabok Udaipur – 203 km. SW.
4	Green Belt	Total 0.150 hectare area will be used as plantation at statutory barrier.
5	Social Infrastructure	Road transport, post and telegraph, communication, banking, education and health care are the basic amenities, which are required in any township. Management shall take all the necessary steps for upliftment of the basic amenities in the area by providing drinking water, pucca road, education, health care etc.
6	Water Management	3 KLD, Source: tube well.
7	Sewerage System	Domestic Effluent treated in soak pits and overflow used for gardening
8	Industrial Waste Management	N.A.
9	Solid Waste Management	No waste will be generated.
10	Power requirement	N.A.

## 7. REHABILITATION & RESETTLEMENT PLAN

There is no human settlement within the M.L. area. No human settlement will be disturbed due to the mining activity. So, no Rehabilitation and Resettlement is proposed.

## **8. PROJECT SCHEDULE**

### **8.1 Proposed schedule and approval for implementation**

The proposed project shall be established after getting the Environmental Clearance from MoEF, New Delhi.

### **8.2 Project cost estimation**

#### **(A) Capital investment:**

Estimated Project Cost for the proposed project is Rs. 50.0 Lakh. This project cost includes EMP cost of Rs. 10 Lakh.

#### **(B) Operational cost**

The mineral will be mined from the applied area and the cost of per ton of mining will be approx. Rs. 180/- per ton.

### **8.3 ECONOMIC VIABILITY**

The anticipated cost of mining is Rs. 180/- per ton cost. Average sale value is seen at Rs. 250-280/- ton of Quartz & Feldspar. Hence the project will be viable.

## **9. ANALYSIS OF PROPOSAL**

- Project will create direct & indirect employment opportunities within the surrounding region. Unit will use good faith efforts to employ local people from the nearby villages depending upon the availability of skilled & un-skilled man-power surrounding the project site.
- In the proposed project would require significant workforce of non-technical and technical persons. Migration of highly education and skilled experience will result in increase of literacy in the surrounding villages.
- In addition, the proposed project shall enhance the prospects of employment.
- Assessment of the potential socioeconomic benefits during mining

focused primarily on work force requirements, acquisition of supplies, and the temporary increased demand for services related to the mining project like food, housing, communications, law enforcement, medical care, local transportation etc. Due to these, additional revenue to local suppliers for required products and services related to the construction and operation phases of the project will generate.

- Thus, mining activities will provide numerous new, although temporary, work opportunities for both skilled and unskilled labor, as well as contribute significantly to the local economy.
- Additional government revenue expected from royalty, taxes, duties and other fees.
- An added benefit to the proposed project will result in considerable growth of stimulating the industrial and commercial activities in the state. Small and medium scale industries may be further developed as a consequence.

# ***ANNEXURE***

ANNEXURE 1

**FORM K** ML. 275/05 (RENEWAL)  
**MODAL FORM OF MINING LEASE**  
 [SEE RULE 31]

This INDENTURE made this fourth day of February 20 between the Governor of Udaipur the President of India (hereinafter referred to as the "State Government" which expression shall where the context so admits be deemed to include his successors and assigns) of the one part and \_\_\_\_\_ of the other part.

When the lessee is an individual सर्पश्री प्रभात एन्टरप्राइजेज, सोल प्र. श्रीमती कमलादेवी पत्नी श्री ओमप्रकाश डिब्बागिया विवीपी डी-4, मुक्तिरी गार्डन, भीलवाड़ा (name of person with Address and occupation) (Hereinafter referred to as "the licensee" which expression shall where the context so admits be deemed to include his heirs, executors, administrators, and representatives and permitted assigns).

When the lessees are more than One individual N.A. (Name of person with address and occupation) and N.A. (Name of person with address and occupation) (hereinafter referred to as "the lessee" which expression shall where the context so admits be deemed to include their respective heirs executors, administrators, representatives and their permitted assigns).



When the Lease is A registered firm N.A. (Name and address of partners), son of N.A. of N.A. so of N.A. of N.A. all carrying on business in partnership. Under the firm name and style of N.A. (Name of the firm) registered under the Indian partnership Act, 1932 (9 to 1932) and Having their registered office at N.A. in the town of N.A. (hereinafter referred to as "the licensee" which expression where the context so admits be deemed to include all the said partners their respective heirs, executors, legal representatives and permitted assigns).

When the Lease is a registered Company N.A. (Name of company) a company registered under N.A. (Act under which incorporated) and having its registered office at N.A. (address) (hereinafter referred to as "the lessee" which expression shall where the context so admits be deemed to include its successors and permitted assigns) of the other part.

WHEREAS THE lessee/lessees has/have applied to the State Government in accordance with the Mineral Concession Rules, 1960 (hereinafter referred to as the said rules) for a mining lease for अथक, फेल्सफार, क्वार्ट्ज निकट ग्राम घांसी सहस्रीत आसीन्द जिला - भीलवाड़ा in respect of the lands described in part I of the Schedule here under written and has /have deposited with the State Government the sum of Rs. 10,000/- N.S.C. as security and the sum of the Rs. 1,000/- of meeting the preliminary expenses for a mining lease ( and WHEREAS the Central Government has approved the grant of lease.

WITNESSETH that in consideration of the rents and royalties, covenants and agreements by and in these presents and the Schedule hereunder written reserved and contained and on the part of the lessee/lessees to be paid performed, the State Government (with the approval of the Center Government) hereby grants and demises unto lessee/lessees.

All those the mines beds/veins seams of Mica, Feldspar, Quartz (Here state the mineral or minerals) (hereinafter and in the Schedule referred to as the said minerals) situated laying and being in or under the lands which are referred to in Part I of the said Schedule, together with the liberties, powers and


  
 प्रभात एन्टरप्राइजेज  
 सोल प्र. श्रीमती कमलादेवी पत्नी श्री ओमप्रकाश डिब्बागिया विवीपी डी-4, मुक्तिरी गार्डन, भीलवाड़ा  
 (ग्राहक के नाम पर)  

  
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privileges to be exercised or enjoyed in connection herewith which are mentioned in part II of the said Schedule subject to the restrictions and condition as to the exercise and enjoyment of such liberties, powers and privileges which are mentions in part III of the said Schedule EXCEPT and reserving out of this demise unto the State Government the liberties, powers and privileges mentioned in part IV of the said Schedule TO HOLD the premises hereby granted and demised unto the lessee/lessees from the दिनांक 19.09.2006 से 20 वर्ष for the term of 20 years thence next ensuing YIELDING AND PAYING therefore unto the State Government the several rents and royalties mentioned in part V of the said Schedule at the respective time therein specified subject to the provision contained in Part VI of the said Schedule and lessee/lessees here by covenants /covenant with the State Government as in Part VII of the said Schedule is expressed and the State Government hereby covenants with the lessee/lessees as in part VIII of the said Schedule as expressed as expressed AND it is hereby mutually agreed between the parties hereto as Part IX of the said Schedule is expressed.

IN WITNESS WHERE OF these presents have been executed in manner hereunder appearing the day and year first above written.

The Schedule above referred to.

**PART-I  
THE AREA OF THIS LEASE**

**Location and Area of the Lease :-**

All the tract of lands situated at निकट ग्राम घोली (Description of area or areas) in घोली (Paragon) in आसीन्द the Registration District of भीलवाड़ा Sub-district आसीन्द and thann आसीन्द bearing cadastral Survey Nos. 45/K/6 containing an area of 49.00 Hectore or thereabouts delineated on the plan hereto annexed and thereon coloured Red and bounded as follows:

मसलत में सीमांकन रिपोर्ट संलग्न है।

On the North by - प्लान एवं विवरण सूची के अनुसार

On the South by प्लान एवं विवरण सूची के अनुसार

And

On the West by प्लान एवं विवरण सूची के अनुसार

Hereinafter referred to as "the said lands".

**PART - II**

*Liberties, Powers and privileges to be exercised and enjoyed by the lessee/lessees subject of the Restriction and Conditions in Part-III*

*To enter upon land search for win work etc.*

- 1. Liberty and power at all time during the term hereby demised to enter upon the said lands and to search of time, here, dig, drill for, win, work, dress, process, convert, carry away and dispose of the said mineral/minerals.

*To sink, drive and shafts make pits shafts and inclines etc.*

- 2. Liberty and power for or in connection with any of the purpose mentioned in this part of sink, drive, make, maintain and use in the said lands any pits, shafts inclines, drifts, levels waterways, airways and other works (and to use, maintain; deepen or extend) any existing works of the like nature in the said lands.)

*To bring and machinery equipments etc.*

- 3. Liberty and power for or in connection with any of the purpose mentioned in this part of erect, construct, maintain use on or under the said lands any engine machinery plant dressing floors, furnaces, cook ovens, brick-kilns, workshops, store-house, bungalows, godowns, shade and other buildings and other works and conveniences of the like nature on or under the said lands.

*To make roads and ways etc. and use existing roads and ways.*

- 4. Liberty and power for or in connection with any of the purpose mentioned in this part to make any tramways, railways, roads, aircraft, landing grounds and other ways in or over the said lands and to use, maintain and go and repass with or without horses, cattle, wagons, aircrafts, locomotives or other vehicles over the same (or any existing tramways, railway roads and other ways in or over the said lands) on such conditions as may be agreed to.

प्रशासक मण्डल/अधीनस्थ  
उदाहरण के लिए  
संकेतित क्षेत्र/क्षेत्रों  
(अनुमोदित/अनुमोदित)



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To get building and road materials etc.

5. Liberty and power for or in connection with any of the purpose mentioned in this part to quarry and get stone gravel and other building and road materials and clay and to use and employ the same and to manufacture such earth into brick or tiles and to use such bricks or tiles but to sell any such material bricks or tiles.

To use water from streams etc.

6. Liberty and power for or in connection with any of the purpose mentioned in this part but subject to the right of any existing or future lessees and with the written permission of Deputy Commissioner/Collector to appropriate and use water from any streams water courses, springs or other sources in or upon the said lands and to divert stop up or dam any such stream or water course and collect or impound any such water and to make construct and maintain any water course culverts, drains or reservoirs but not as so to deprive any cultivated lands, villages, buildings or watering places for livestock of a reasonable supply of water as before accustomed nor in any way to foul or pollute any stream or springs. Provided that the lessee/lessees shall not interfere with the navigation in any navigable stream or springs nor shall divert such stream without the previous written permission of the State Government.

To use land for stacking, heaping, depositing purposes :-

7. Liberty and power to enter upon and use a sufficient part of the surface of the said lands for the purpose of stacking, heaping, storing or depositing therein any produce of the mines or works carried on and any tools, equipment, earth and materials and substance dug or raised under the liberties and powers mentioned in this part.

Beneficiation and conveying away of production:-

- (a) Liberty and power to enter upon and use a sufficient part of the said lands to beneficiate any ore produced from the said lands and to carry away such beneficiated ore.

to Make coke (to be used in case of coal only):-

- (b) Liberty and power upon the said lands to convert into coke any coal or coal dust produced from the said lands and to carry away such coke.

To clear brushwood and to fell and utilise trees, etc:-

9. Liberty and power for or in connection with any of the purpose mentioned in this part and subject to the existing rights of other and save as provided in clause 3 of part III of this Schedule to clear undergrowth and brushwood and to fell and utilise any trees or timber standing or found on the said lands provided that the State Government may ask the lessee/lessees to pay for any trees or timber felled and utilised, by him/them at the rates specified by the Deputy Commissioner/Collector or the State Government.

### PART III

Restriction and conditions as to the exercise of the Liberties, Power and Privileges in Part III.

No building etc, upon certain places:-

1. No building or thing shall be erected, set up or placed and no surface operations shall be carried on in or upon any public pleasure ground, burning or burial ground or place held sacred by any class of persons or any house or villages site, public road or other place which the State Government may determine as public ground nor in such a manner as to injure or prejudicially effect any buildings works property or rights of other persons and no land will be used for surface operations which is already occupied by persons other than the State Government for works or purposes not included in this lease. The lessee/lessees shall not also interfere with any right of way well or tank.



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*Permission for surface operations in a land not already in use.*

2. Before using for surface operations any land which has not already been used for such operations the lessee/lessees shall give to Deputy Commissioner/Collector of the District two calendar months previous notice in writing specifying the name of other description of the situation and the extent of the land proposed to be so used and the purpose for which the same is required and the said land shall not be so used in objection is issued by the Deputy Commissioner/Collector within two months after the receipt by him of such notice unless the objections so stated shall on reference to the State Government be annulled or waived.

*To cut trees in unreserved lands:-*

3. The lessee/lessees shall not without the express sanction of the Deputy Commissioner/Collector cut down or injure any timber or trees on the said lands but may without such sanction clear away any brushwood or undergrowth which interferes with any operations authorised by these presents. The Deputy Commissioner/Collector or the State Government may require the lessee/lessees to pay for any trees or timber felled and utilised by him/them at the rates specified by the Deputy Commissioner/Collector of the District.

*To enter upon reserved forests:-*

4. Notwithstanding anything in this Schedule contained the lessee/lessees shall not enter upon any reserved forest included in the said lands without previous sanction in writing of the District forest officer nor fell, cut and use any timber or trees without obtaining the sanction in writing of that officer nor otherwise than in accordance with such conditions as the State Government may prescribe.

*No mining operations within 50 meters of public works etc.:-*

5. The lessee/lessees shall not work or carry on or allow to be worked or carried on any mining operations at or to any point within a distance of 50 meters from Any railway line except with the previous written permission of the railway administration concerned or under or beneath any rope way or any rope way trestle or station, except under and in accordance with the written permission of the authority owning the rope way or from any reservoir, canal or other public works such as public roads and buildings or inhabited site except with the written permission of the Deputy Commissioner/Collector or any other officer authorised by the State Government in this behalf and otherwise than in accordance with such instructions, restrictions and conditions either general or special which may be attached to such permission. The said distance of 50 meters shall be measured in the case of railway, reservoir or canal horizontally from the outer toe of the bank or the outer edge of the cutting and the case may be and in case of a building horizontally from the plinth thereof. In case of village roads no working shall be carried on within a distance of 10 meters of the outer edge of the cutting except with the previous permission of the Deputy Commissioner/collector or any other officer duly authorised by the State Government in this behalf and otherwise than in accordance with such directions, restrictions and additions, either general or special, which may be attached to such permission.

*Explanation:-* For the purpose of this clause the expression 'Railway Administration' shall have the same meaning as it is defined to have in the Indian Railway Act, 1890, by clause (6) of section 3 of that Act. 'Public Road' shall mean a road which has been constructed by artificially surfaced as distinct from a tract resulting from repeated use. Village road will include any track shown in the Revenue record as village road.

*Facilities for adjoining Government licenses and leases.*

6. The lessee/lessees shall allow existing and future holders of Government licenses or leases over any land which is comprised in or adjoins or is reached by the lessee/lessees reasonable facilities of access thereto:

PROVIDED THAT no substantial hindrance or interference shall be caused by such holders of licenses or leases to the operations of the lessee/lessees under these presents and fair compensation (as may be mutually agreed upon or in the event of disagreement as may be decided by the State Government) shall be made to the lessee/lessees for loss or damage sustained by the lessee/lessees by reasons of the exercise of such licenses or leases.

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Vertical text on the right margin, possibly a reference number or document ID.

**PART IV**  
**Liberties, Powers and Privileges reserved to the State Government**

**To work other minerals:-**

1. Liberty and power for the State Government, or in any lessee or persons authorised by it in that behalf to enter into and upon the said lands and to search for, win, work, dig, get, raise, dress, process, convert and carry away minerals other than the said minerals and any other substances and for those purposes to sink, drive, make shafts, construct, maintain and use such pits, shafts, inclines, drifts, level sand other lines, waterways, airways, water courses, drains, reservoirs, engines, machinery, plant, buildings, tramways, railways, roadways and other works and conveniences as may be deemed necessary or convenient.

PROVIDED THAT in the exercise of such liberty and power no substantial hindrance or interference shall be caused to or with the liberties, powers and privileges of the lessee/lessees under these presents and that fair compensation (as may be mutually agreed upon or in the event of disagreement as may be decided by the State Government) shall be made to the lessee/lessees for all loss or damage sustained by the lessee/lessees by reason or in consequence of the exercise of such liberty and power.

**To make railways and roads:-**

2. Liberty and power for the State Government, or any lessee or persons authorised by it in that behalf to enter into and upon the said lands and make upon over of through the same any railways, tramways, roadways or pipelines for any purpose other than those mentioned in Part III of these presents and to get from the said lands, stones, gravel, earth and other materials for making, maintaining and repairing such railways, tramways and roads or any existing railways and roads and to and reposs at all times with or without horses, cattle or other animals, carts, wagons, carriages, locomotives or other vehicles over or along any such railways, tramways, road lines and other ways for all purposes and as occasion may require, provided that in the exercise of such liberty and power by such other lessee or person no substantial hindrance or interference shall be caused to or with the liberties, power and privileges of the lessee/lessees under these presents and that fair compensation as may be mutually agreed upon or in the event of disagreement as may be decided by the State Government shall be made to the lessee/lessees for all loss or damage substantial hindrance or interference shall be caused to or with the exercise by such lessee or person of such liberty and power.

**PART V**

**Rents and royalties by this lease**

**To pay dead rent or royalty whichever is higher :-**

रायल्टी की दर

1. अक्षक विक्रय मूल्य का 4 प्रतिशत
2. स्टार्टज - 20/- रुपये प्रति टन
3. फेल्सपार - विक्रय मूल्य का 10%

एम.एम.डी.आर. एक्ट 1957 एवं उसमें समय-समय पर संशोधनानुसार ।

1. The lessee shall pay, for every year except the first year of the lessee, dead rent as specified in clause 2 of this part;

Provided that, where the holder of such mining lease becomes liable under section 9 of the Act, to pay royalty for any mineral removed or consumed by him or by his agent, manager, employee, contractor or sub-lessee from the leased area, he shall be liable to pay either such royalty or the dead rent in respect of that area, whichever is higher.



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*(Signature)*  
 श्रीमती सुशमा अरोरा  
 मालिक (मि.म.)

*Rate and mode of payment of dead rent:-*

2. Subject to the provisions of clause 1 of this Part, during the subsistence of the lease, the lessee/lessees shall pay to the State Government annual dead rent for the lands demised and described in Part I of this Schedule at the time being specified in the Third Schedule to the Act, in such manner as may be specified in this behalf by the State Government.

खनिज का नाम	स्थिरभाटक की दरें	सीमांकित क्षेत्र	स्थिरभाटक वार्षिक	अवधि जिसमें लिये
अभ्रक, क्वार्ट्ज व फेल्सपार	1200/- प्रति हे. प्रति वर्ष	49.00 हेक्टर	58800/-	दिनांक 19.09.06 से 20 वर्ष

एम.एम.डी.आर. एक्ट 1957 एवं उसमें समय-समय पर संशोधनानुसार ।

*Rate and mode of payment of royalty:-*

3. Subject to the provisions of clause 1 of this Part, the lessee/lessees shall during the subsistence of this lease pay to the State Government at such times and in such manner as the State Government may prescribe royalty in respect of any mineral/minerals removed by him/himself from the leased area at the rate for the time being specified in the Second Schedule to the Mines and Minerals (Development and Regulation) Act, 1957.

*Payment of surface rent, and water etc. :-*

4. The lessee/lessees shall pay rent and water rate to the State Government in respect of all parts of the surface of the said lands which shall from time be occupied or used by the lessee/lessees under the authority of these presents at the rate of Rs. सिवाई विषय व राज्य विषय के विषयानुसार राज्य सिवा जमीन respectively per annum per hectare of the area so occupied or used and so in proportion for any area less than a hectare during the period from the commencement of such occupation or used until the area shall cease to be so occupied or used and shall as far as possible restore the surface land so used to its original condition. Surface rent and water rate shall be paid as hereinbefore detailed in clause 2: PROVIDED THAT NO such rent/water rate shall be payable in respect of the occupation and use of the area comprised in any roads or ways to which the public have full right of access.

**PART VI**

**Provisions relating to the rents and royalties**

*Rent and royalties to be free from deduction etc.:*

1. The rent, water rate and royalties mentioned in part V of this Schedule shall be paid free from any deductions to the State Government at Bhilwara and such manner as the State Government may prescribe.

PROVIDED ALWAYS and it is hereby agreed that Rs. Nil the balance standing to the credit of the lessee/lessees on account of the deposit made by him/himself as a licensee/licensees over an area which included the said lands shall be retained and accepted by the State Government in satisfaction of the rents and royalties mentioned in part V until they reach that amount.

*Mode of computation of royalty :-*

2. For the purposes of computing the said royalties the lessee/lessees shall keep a correct account of them mineral/minerals produced and dispatched. An officer authorised by the Central or State Government may check the accounts as well as the weight of the mineral/minerals in stock or in the process of export. Here specify the mode of arriving at sale price/prices at pits mouth of mineral/minerals.

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दिनांक 19/09/06  
(समय 19/09/06)



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Course of action in rents and royalties are not paid in time:-

3. Should any rent, royalty or other sums due to the State Government under the terms and conditions of these presents be not paid by the lessee/lessee within the specified time the same, together with simple interest due thereon at the rate of twenty-four per annum may be recovered on a certificate of such officer as may be specified by the State Government by general or special order, in the same manner as an arrear of land revenue.

PART VII

The Covenants of the Lessee/Lessee

Lessee to pay rents and royalties, taxes, etc:-

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1. The lessee/lessee shall pay the rent, water rate and royalties reserved by this lease at such times and in the manner provided in PARTS V and VI of these presents and shall also pay and discharge all taxes, rates, assessments and impositions whatsoever being in the nature of public demands which shall from time to time be charged, assessed or imposed by the authority of the Central and State Government upon or in respect of the premises and works of the lessee/lessee in common with other premises and works of a like nature except demands for land revenues.

To maintain and keep boundary marks in good order :-

2. The lessee/lessee shall at his/his own expense erect at all times maintain and keep in repair boundary marks and pillars according to the demarcation to be shown in the plan annexed to this lease. Such marks and pillars shall be sufficiently clear of the shrubs and other obstructions as to allow easy identification.

To commence operations within two years and work in a workman-like manner:-

3. The lessee/lessee shall commence operation within two years from the date of execution of the lease and shall thereafter in all times during the continuance of his lease search for, win, work and develop, the said minerals without voluntary intermission in a skillful and workman-like manner and as prescribed under clause 12 hereinafter without doing or permitting to be done any unnecessary or avoidable damage to the surface of the said lands or the crops buildings structures or other property thereon. For the purpose of this clause operations shall include the erection of machinery, laying of a tramway or construction of a road in connection with the main.

To indemnify Government against all claims:-

4. The lessee/lessee shall make and pay such reasonable satisfaction and compensation as may be assessed by lawful authority in accordance with the law force on the subject for all damage, injury or disturbance which may be him/him in exercise of the powers granted by this lease and shall indemnify and keep indemnified fully and completely the State Government against all claims which may be made by any person or persons in respect of any such damage, injury or disturbance and all costs and expenses in connection therewith.

To secure and keep in good condition pits, shafts, etc.:-

5. The lessee/lessee shall during the subsistence of this lease well and sufficiently secure and keep open with timber or other durable means all pits, shafts and workings that may be made or used in the said lands and make and maintain sufficient fences to the satisfaction of the State Government round every such pit, shaft or working whether the same is abandoned or not and shall during the same period keep all workings in the said lands except such as may be abandoned accessible free from water and foul air as far as possible.



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*To strengthen and support the main to necessary extent:-*

6. The lessee/lessees shall strengthen and support to the satisfaction of the Railways Administration concerned of the State Government, as the case may be any part of the main which in its opinion requires such strengthening or support for the safety of any railways, reservoir, canal, road and any other public works or structures.

*To allow inspection of workings:-*

7. The lessee/lessees shall allow any officer authorised by the central Government or the State Government in that behalf to enter upon the premises including any building, excavation or land comprised in the lease for the purpose of inspecting, examining, surveying, prospecting and making plans thereof sampling and collecting any data and the lessee/lessees shall with proper person employed by the lessee/lessees and acquainted with the mines and work effectually assist such officer, agents, servants and workmen in conducting every such inspecting and shall afford them all facilities, information connected with the working of the mines which regulations which the central and State Government as the result of such inspection or otherwise may, from time to time, see fit to impose.

*To report accidents:-*

8. The lessee/lessees shall without delay send to the Deputy Commissioner/collector a report of any accident causing death or serious bodily injury or serious injury to property or course of the operations under this lease.

*The report discovery of other minerals:-*

9. The lessee/lessees shall report to the State Government the discovery in the leased area of any mineral not specified in the lease within sixty days of such discovery along with full particulars of the nature and position of each such find. If any mineral not specified in the lease is discovered in the leased area, the lessee/lessees shall not win and dispose of such mineral is included in the lease or a separate lease is obtained therefore.

*To keep records and accounts regarding production and employees etc:-*

10. The lessee/lessees shall at all time during the said term keep or cause to be kept at an office to be situated upon or near the said lands correct and intelligible books of accounts which shall contain accurate entries showing from time to time. :-

- (1) Quantity and quality of the said mineral/minerals realised from the said lands.
- (2) Quantity of the various qualities of ores beneficiated or converted (for example coal converted into coke)
- (3) Quantity of the various qualities of the said mineral/minerals sold and exported separately.
- (4) Quantity of the various qualities of the said mineral/minerals otherwise disposed of and the manner and purpose of such disposal.
- (5) The prices and all other particulars of all sales of said mineral/minerals.
- (6) The number of persons employed in the mines or works or upon the said lands specifying nationality, qualifications and pay of the technical personnel.
- (7) Such other facts, particulars and circumstances and the Central or the State Government may from time to time require and shall also furnish free of charge to such officers and at such times as the Central and State Governments may appoint true and correct abstract of all or any such books of accounts and such information and returns to all or any of the matters aforesaid as the State Government may prescribe and shall at all reasonable times allow such officer as the central Government of State Government shall in that behalf appoint to enter into and have free access to the said officers for the purpose of examining and inspecting the said books of accounts, plans and records and to

प्रभात एण्डरमानेन  
डी.डी. नं. १००  
मि.डी. नं. १००  
(सबर अर्ध विवेक लेटर)



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To maintain plans, etc:-

11. The lessee/lessees shall at all times during the said term, maintain at the office correct intelligible up-to date and complete plans and sections of the mines in the said lands. They shall show all the operations, and workings and all the trenches, pits and drillings made by him/them in the course of operations carried on by him/them under the lease faults and other disturbances encountered and geological logs and all such plans and sections shall be amended and filled up by and from actual surveys to be made for that purpose at the end of twelve months or any period specified from time to time and the lessee/lessees shall furnish free of charge to the Central and State Government true and correct copies of such plans and sections whenever required. Accurate records of all trenches, pits and drillings shall show:-

- (a) The subsoil and strata through which they pass.
- (b) Any mineral encountered.
- (c) Any other matter of interest and all data required by the Central and State Government, from time to time.

The lessee/lessees shall allow any officer of the Central or the State Government, authorised in this behalf by the central Government, to inspect the same at all reasonable times. He/she shall also supply when asked for by the State Government Coal Controller the Director-General, Geological Survey of India the Controller General, Indian Bureau of Mines. A composite plan of the area showing thickness, dip, inclination, etc. of all the seams as also the quantity of reserves quality-wise.

- 11 A. The lessee shall pay a wage. Not less than the minimum wage prescribed by the Central or State Government from time to time.
- 11 B. The lessee shall comply with provisions of the mines Act, 1952 and the rules made thereunder.
- 11 C. The lessee shall take measures for the protection of environment like planting of trees reclamation of land, use of pollution control devices; and such other measures as may be prescribed by the Central or State Government, from time to time, at his own expense.
- 11 D. The lessee shall pay compensation to the occupier of the land on the date and in the manner laid down in these rules.
- 11 E. The lessee shall in the matter of employment, give preferences to the tribals and to the persons who became displaced because of the taking up of mining operations.

Act 67 of 1957 :-

12. The lessee/lessees shall be bound by such rules as may be issued from time to time by the Government of India under section 18 of the Mines and Minerals (Development and Regulation) Act, 1957 (Act 67 to 1957) and shall not carry on mining or other operations under the said lease in any way other than as prescribed under these rules.

To provide weighing machines:-

13. Unless specifically exempted by the State Government the lessee/lessees shall provided and at all times keep at or near the pit heads at which the said minerals shall be brought to bank a properly constructed and efficient weighing machine and shall weigh or cause to be weighed thereon all the said minerals, from time to time, brought to bank, sold, exported and converted and also the converted products and shall at the close of each day cause the total weight, ascertained by such means of the said minerals, ores products raised, sold, exported and converted during the previous twenty-four hours to be entered in the aforesaid books of accounts. The lessee/lessees shall permit the State Government at all times during the said term to employ any person or person to be present at the weighing of the said minerals as aforesaid and to keep accounts thereof and to check the accounts kept by the lessee/lessees.



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SECRETARY (M&M)

The lessee/lessees shall give 30 days previous notice in writing to the Deputy Commissioner/Collector of every such measuring or weighing in order that he or some officer on his behalf may be present thereat.

*To allow test of weighing machine:-*

14. The lessee/lessees shall allow any person appointed in that behalf by the State Government at any time or times during the said term to examine and test every weighing machine to be provided and kept as aforesaid and the weights used therewith in order to ascertain whether the same respectively are correct and good repair and order and in open any such examination or testing any such weighing machine or weights shall be found incorrect or out of repair or order the State Government may require that the same be adjusted, required and put in order by and at the expense of the lessee/lessees and if such requisition be not complied with within fourteen days after the same shall have been made, the State Government may cause such weighing machine or weights to be adjusted, repaired, and put in order and the expense of so doing shall be paid by the lessee/lessees to the State Government or demand and if upon any such examination or testing as aforesaid any error shall be discovered in any weighing machine or weights to the prejudice of the State Government such error shall be regarded as having existing for three calendar months, previous to the discovery thereof or from the last occasion of so examining and testing the same weighing machine and weights in case such occasion be within such period of three months and the said rent and royalty shall be paid and accounted for accordingly.

*To pay compensation for injury of third parties:-*

15. The lessee/lessees shall make and pay reasonable satisfaction and compensation for all damage, injury or disturbance or person or property which may be done by or on the part of lessee/lessees in exercise of the liberties and power granted by these presents and shall at all times save harmless and keep indemnified the State Government from and against all suits, claims and demands which may be brought or made by any person or persons in respect of any such damage, injury or disturbance.

*Not to obstruct working of other minerals:-*

16. The lessee/lessees will exercise the liberties and power hereby granted in such a manner as to offer no unnecessary or reasonably avoidable obstruction or interruption to the development and working within the said lands of any minerals not including in this lease and shall at all times afford to the Central and State Government and to the holders of prospecting licences or mining lease in respect of any such minerals or any minerals within any land adjacent to the said lands as the case may be reasonable means of access and safe and convenient passage upon and across the said lands to such minerals for the purpose of getting working, developing and carrying away the same provided that the lessee/lessees shall receive reasonable compensation for any damage or injury which he/they may sustain reason or in consequence of the use of such passage by such lessees or holders of prospecting licences.

*Transfer of Lease:-*

17. (1) The lessee/lessees shall not, without the previous consent in writing of the State Government, Omitted.
- (a) assign, sublet, mortgage, or in any other manner, transfer the mining lease, or any right, title or interest therein, or
  - (b) enter into or make any arrangement, contract or undertakings whereby the lessee/lessees will or may be directly or indirectly financed to a substantial extent by, or under which the lessee's operations or undertakings will or may be substantially controlled by any person or body of persons other than the lessee/lessees.

प्रभात एण्टरप्राइजेज  
श्री वि.के.ए.  
सिद्धी नगर, पोस्ट 110001-01  
(पत्तन अन्तर्गत क्षेत्र)



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Provided that the State Government shall not give its written consent unless-

- a. the lessee has furnished an affidavit along with his application for transfer of the mining lease specifying therein the amount that he has actually taken or proposes to take as consideration from the transferee;
- b. the transfer of the mining lease is to be made to a person or body directly undertaking mining operations.

(2) Without prejudice to the above provisions the lessee/lessees may, subject to the conditions specified in the proviso to rule 35 of said Rules, transfer this lease or any right, title or interest therein. To a person who has filed an affidavit stating that he has filed up-to-date income tax returns. Paid income tax assessed on him and paid the income tax on the basis of self-assessment as provided in the income tax Act, 1961 (43 of 1961), on payment of five hundred rupees to the State Government.

Provided that the lessee/lessees shall make available to the transferee the original or certified copies of all plans of abandoned workings in the area and in a belt 65 metres wide surrounding it.

Provided further that where the mortgage is an institution or a Bank or a Corporation specified in Schedule V, it shall not be necessary for any such institution or Bank or Corporation to meet with the requirement relating to income tax and the said valid clearance certificate.

(3) The State Government, may be order in writing, determine the lease or any time if the lessee/lessees has/have in the opinion of the State Government, committed a breach of any of the above provisions or has/have transferred the lease or any right, title or interest therein otherwise than in accordance with clause (2);

Provided that no such order shall be made without giving the lessee/lessees a reasonable opportunity of stating his/their case.

*Not to be financed or controlled by a trust, Corporation, Firm or person:-*

18. The lease shall not be controlled and the lessee/lessees shall not allow themselves to be controlled by any trust, Syndicate, Corporation, Firm or person except with the written consent of the central Government. The lessee/lessees shall not enter into or make any arrangement compact or understanding whereby the lessee/lessees will or may be directly or indirectly financed by or under which the lessee/lessees' operations or undertakings will or may be carried on directly or indirectly by or for the benefit of or subject to the control of any Trust, Syndicate, Corporation, Firm or person unless with the written sanction given prior to such arrangement compact or understanding being entered into or made of the central Government and any or every such arrangement compact or understanding as aforesaid (entered into or made with such sanction as aforesaid) shall only be entered into or made and shall always be subject to an express condition binding upon the other party or parties thereto that on the occasion of a state of emergency of which the President of India in his discretion shall be the sole judge it shall be terminable if so required in writing by the State Government and shall in the event of any such requisition being made be forthwith determined by the lessee/lessees accordingly.

*Lessee shall deposit any additional amount necessary :-*

19. Whenever the security deposit of Rs. 10,000/- N.S.C. or any part thereof or any further sum hereafter deposited with the State Government in replenishment thereof shall be forfeited or applied by the Central or State Government pursuant to the power in hereinafter declared in that behalf the lessee/lessees shall deposit with the State Government such further sum as may be sufficient with the unappropriated part thereof to bring the amount in deposit with the State Government up to the sum of Rs. 10000/- N.S.C.



Handwritten signature and official stamp of the State Government, Udaipur.

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*Delivery of workings in good order to the State Government after determination of lease:-*

20. The lessee/lessees shall at the expiration or sooner determination of the said term or any renewal thereof deliver up to the State Government all mines, pits, shafts, inclines, drifts, levels, water ways, airways and other works now existing or hereafter to be sunk or made on or under the said lands except such as have been abandoned with the sanction of the State Government and in any ordinary and fair course of working all engines, machinery, plant, buildings, structures, other works and conveniences which at the commencement of the said term were upon or under the said lands and all such machinery set up by the lessee/lessees below ground which cannot be removed without causing injury to the mines or works under the said lands (except such of the same as may with the sanction of the State Government have become disused) and all buildings and structures of bricks or stone erected by the lessee/lessees above ground level in good repair order and condition and fit in all respect for further working of the said mines and the said minerals.

*Right of pre-emption:-*

21. (a) The State Government shall from time to time and all times during the said term have the right (to be exercised by notice in writing to the lessee/lessees) of pre-emption of the said minerals ( and all products thereof) lying in or upon the said lands hereby demised or elsewhere under the control of the lessee/lessees and the lessee/lessees shall with all possible expedition deliver all minerals or products or minerals purchased by the State Government under the power conferred by this provision in the quantities at the times in manner and at the place specified in the notice exercising the said right.
- (b) Should the right of pre-emption conferred by this present provision be exercised and a vessel chartered to carry the minerals or products thereof procured on behalf of the State Government or the central Government be detained on demurrage at the port of loading the lessee/lessees shall pay the amount due for demurrage according to the terms of the charter party of such vessel unless the State Government shall be satisfied that the delay, is due to causes beyond the control of the lessee/lessees.
- (c) The price to be paid for all minerals or products of minerals taken in pre-emption by the State Government in exercise of the right hereby conferred shall be the fair market price prevailing at the time of pre-emption PROVIDED THAT in order to assist in arriving at the said fair market price the lessee/lessees shall if so required furnish to the State Government for the confidential information of the Government, particularly of the quantities, descriptions and price of the said minerals or products thereof sold to other customers and of charters entered into for freight, for carriage of the same and shall produce to such officer or officers as may be directed by the State Government original or authenticated copies of contracts parties entered into for the sale or freightage of such minerals or products.
- (d) In the event of the existence of a state of war or emergency (of which existence and President of India shall be the sole judge and a notification to this effect in the Gazette of India shall be conclusive proof), the State Government with the consent of the central Government shall from time to time and all times during the said term have the right (to be exercised by a notice in writing to the lessee/lessees forthwith take possession and control of the works plant machinery and premises of the lessee/lessees on or in connection with the said lands or operations under this lease and during such possession or control the lessee/lessees shall conform to and obey all directions given by or on behalf of the central Government or State Government regarding the use or employment or such works, plants, premises and minerals: PROVIDED THAT fair compensation which shall be determined in default of agreement by the State Government shall be paid to the lessee/lessees for all loss or damage sustained by him/them by reason or in consequence of the exercise of the powers shall not determine the said term hereby granted or affect the terms and provisions of the lease presents further than may be necessary to give effect to the provisions of this clause.

प्रस्ताव संख्या १००/२०१८  
दिनांक २०/०८/२०१८  
(नगर अफि अदालती सेक्टर)



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*Employment of foreign national:-*

22. The lessee/lessees shall not employ, in connection with the mining operations any person who is not an Indian national except with the previous approval of the central Government.

*Recovery of expenses incurred by the State Government*

23. If any of the works or matters which in accordance with the covenants in that behalf hereinbefore contained are to be carried or performed by the lessee/lessees be not so carried out or performed within the time specified in that behalf, the State Government may cause the same to be carried out or performed and the lessee/lessees shall pay the State Government on demand all expenses which shall be incurred in such expenses shall carrying out or performance of the same and the decision of the State Government as to such expenses shall be final.

*Furnishing of geophysical data:-*

24. The lessee/lessees shall furnish:

- (a) All geophysical data relating to mining fields, or engineering and ground water surveys, such as mineral maps, sections, plans, structures, contour maps, logging, collected by him/them during the course of mining operations to the Director-General, Geological Survey of India, Calcutta.
- (b) All information pertaining to investigations of radioactive minerals collected by him/them during course of mining operations to the Secretary, Department of Atomic Energy, New Delhi.

Date of information referred to above shall be furnished every year reckoned from the date of commencement of the period of the mining lease.

**PART VIII**

**The Covenants of the State Government**

*Lessee/lessees may hold and enjoy rights quietly :-*

1. The lessee/lessees paying the rents, water rate and royalties hereby reserved and observing and performing all the covenants and agreements herein contained and on the part of the lessee/lessees to be observed and performed shall and may quietly hold and enjoy the rights and premises hereby demised for and during the term hereby granted without any unlawful interruption from or by the State Government, or any person rightfully claiming under it.

*Acquisition of land of third parties and compensation thereof:-*

2. If in accordance with the provision of clause 4 of Part VII of this Schedule the lessee/les/ees shall offer to pay an occupier of the surface of any part of the said lands compensation for any damage or injury which may arise from the proposed operations of the lessee/lessees and the said occupier shall refuse his consent to the exercise of the right and powers reserved to the State Government and demised to the lessee/lessees by these presents and the lessee/lessees shall report the matter to the State Government and shall deposit with it the amount offered as compensation and if the central/State Government is satisfied that the amount of compensation offered is fair and reasonable or if it is not so satisfied and the lessee/lessees shall have deposited with it such further amount as the State and central Government shall consider fair and reasonable the State Government shall order the occupier to allow the lessee/lessees to enter the land and carry out such operations as may be necessary for the purpose of this lease. In assessing the amount of such compensation the State Government shall be guided by the principles of the Land Acquisition Act.

*To renew:-*

3. The mining lease is renewable in terms of the provisions of the Act and the rules made thereunder.

Provided that the State Government may be for reasons to be recorded in writing reduce the area applied for.

If the lease is in respect of minerals specified in the First Schedule to the Act, renewal will be subject to the prior approval of the central Government.



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संयोजक (म.म.)

If the lessee/lessees be desirous of taking a renewed lease of the premises hereby demised or of any parts of them for a further term from the expiration of the term hereby granted and is otherwise eligible, they shall prior to expiration of the last mentioned term give to the State Government twelve calendar months previous notice in writing and shall pay the rent, rates and royalties hereby and shall observe and perform the several covenants and agreement herein contained. And on the part of the lessee/lessees to be observed and performed up to the expiration of the term hereby granted the State Government on receipt of application for renewal, shall consider it in accordance with the provisions of the Act and the rules made thereunder and shall pass orders as it deems fit. If renewal is granted, the State Government will at the expense of the lessee/lessees and upon his executing and delivering to the State Government if required a counterpart thereof execute and deliver to the lessee/lessees a renewed lease of the said premises or part thereof for the further term of 20 years at such rents, rates and royalties and on such covenants and agreements, including this present covenant to renew as shall be in accordance with the Minerals Concession Rules, 1960, applicable to Mica, Feldspar Quartz, (Name of minerals) on the day next following the expiration of the term hereby granted.)

*Liberty to determine the lease:-*

4. The lessee/lessees may at time determine this lease by giving not less than 12 calendar months notice in writing to the State Government or to such officer, or authority as the State Government may specify in this behalf and upon the expiration of such notice provided that the lessee/lessees shall upon such expiration tender and pay all rents, water rates, royalties, compensation for damages and other moneys which may then be due and payable under these presents to the lessor or any other person or person and shall deliver these presents to the State Government then this lease and the said term and the liberties, powers and privileges hereby granted shall absolutely cease and determine but without prejudice to any right or remedy of the lessor in respect of any breach of any of the covenants or agreements contained in these presents.
5. A. The State Government may on an application made by the lessee permit him to surrender one or more minerals from minerals from his lease which is for a group of minerals on the ground that deposits of that minerals have since exhausted or depleted to such an extent that it is no longer possible to work the mineral economically, subject to the condition that the lessee:-
  - (a) Makes an application for such surrender of mineral at least six months before the intended date of surrender; and
  - (b) Gives an undertaking that he will not cause any hindrance in the working of the mineral surrendered by any other person who is subsequently granted a mining lease for that mineral.

*Refund of security deposits:-*

5. On such date as the State Government may elect within 12 Calendar month after the determination of this lease or any renewal thereof, the amount of the security deposit paid in respect of this lease and then remaining in deposit with the State Government and not required to be applied to any of the purposes mentioned in this lease shall be refunded to the lessee/lessees. No interest shall run on the security deposit.

**PART IX**

**General provisions**

*Obstructions to inspection:-*

1. In case the lessee/lessees or his/their transferee/assignee does/do not allow entry or inspection by the officers authorised by the central or State Government under clauses (i), (j) or (1) of sub-rule (1) of rule 27 of said rules, the State Government shall give notice in writing to lessee/lessees requiring him/them to show cause within such time as may be specified in the notice why the lease should not be determined and his/their security deposit forfeited; and if the lessee/lessees fails/fail to show cause within the aforesaid time to the satisfaction of the State Government, the State Government may determine the lease and forfeit the whole or part of the security deposit.

STATE GOVERNMENT  
UDAPIUR  
(MINE CONCESSIONS)





*Penalty in case of default in payment of royalty and breach of covenants:-*

2. If the lessee/lessees or his/their transferee or assignee makes/make any default in payment of rent or water rate or royalty as required by section 9 of the act or commits a breach of any of the conditions and covenants other than those referred to in covenant 1 above, the State Government shall give notice to the lessee/lessees requiring him/them to pay the rent, water rate, royalty or remedy the breach, as the case may be, within sixty days from the date of receipt of the notice and if the rent, water rate and royalty are not paid or the breach is not remedied within such period, the State Government without prejudice to any proceedings that may be taken against him/them, determine the lease and forfeit the whole or part of the security deposit.

*Penalty for repeated breaches of covenants:-*

In case of repeated breaches of covenants and agreements by the lessee/lessees for which notice has been given by the State Government in accordance with clauses (1) and (2) aforementioned on an earlier occasion, the State Government without giving any further notice, may impose such penalty not exceeding twice the amount of annual dead rent specified in clause 2, part v.

*Failure to fulfil the terms of leases due to "force Majeure":-*

4. Failure on the part of the lessee/lessees to fulfill any of the terms and conditions of this shall not give the Central or State Government any claim against the lessee/lessees or be deemed a breach of this lease, in so far as such failure is considered by the State Government to arise from force majeure, and if through force majeure the fulfillment by the lessee/lessees of any of the terms and conditions of this clause the expression "Force Majeure" means act of god, war, insurrection, riot, civil commotion, strike, earth quake, tide, storm, tidal wave, flood, lightning, explosion, fire, earthquake and any other happening which the lessee/lessees could not reasonably prevent or control.

*Lessee/lessees to remove his/their properties on the expiry of lease:-*

5. The lessee/lessees having first paid discharged rents, rates and royalties payable by virtue of these presents may at the expiration or sooner determination of the said term or within six calendar months thereafter (unless the lease shall be determined under clauses 1 and 2 of this part and in that case at any time not less than three calendar months nor more than six calendar months after such determination) take down and remove for his/their own benefit all or any [ore mineral excavated during the currency of these] engines, machinery, plant, buildings, structures, tramways, railways and other works, erections and conveniences which may have been erected, set up or placed by the State Government under clause 20 of part VII of this schedule and which the State Government shall not desire to purchase.

*Forfeiture of property left more than six months after determination of lease:-*

6. If at the end of six calendar months after the expiration or sooner determination of the said term under the provision contained in clause 4 of part VIII of this schedule become effective there shall remain in or upon the said land any [ore or mineral] engines, machinery, plant, buildings, structures, tramways, railways and other work, erections and connection with operations in any other property which are not required by the lessee/lessees in connection with operations in any other lands held by him/them under prospecting license or mining lease the same shall if not removed by the lessee/lessees within one calendar months after notice in writing requiring their removal has been given to lessee/lessees by the State Government be deemed to become the property of the State Government and may be sold or disposed of in such manner as the State Government shall deem fit without liability to pay any compensation or to account to the lessee/lessees in respect thereof.

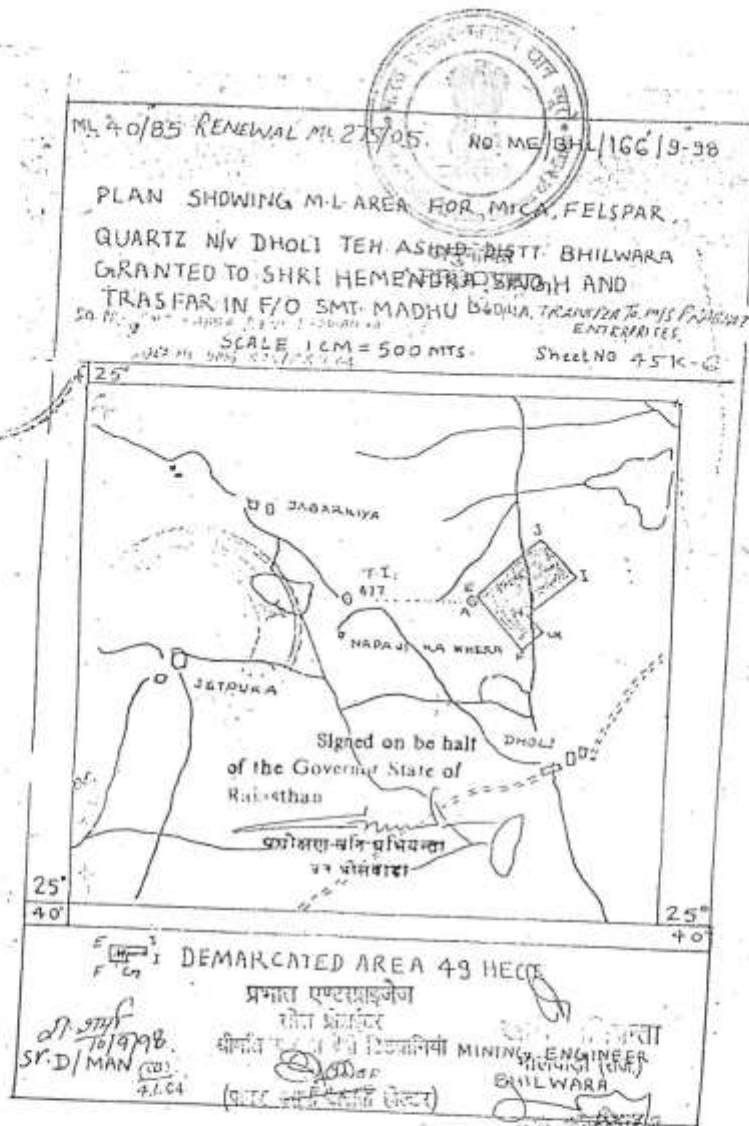
*Notices :-*

7. Every notice by these presents required to be given to the lessee/lessees shall be given in writing to such person resident on the said lands as the lessee/lessees may appoint for the purpose of receiving such notices and if there shall have been no such appointment then every such notice shall be sent to the lessee/lessees by registered post addressed to the lessee/lessees at the address recorded in this lease or at such other address in India as the lessee/lessees may from time to time in writing to the State Government designate for the receipt of notices and

(Signature)  
(Name of the lessee)



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APPROVED

**Government of Rajasthan**  
**Department of Mines & Geology, Rajasthan**  
**Office of the Mining Engineer, Bhilwara**

Demarcation Report

MI. No / M. No 275/05 old 40/85 Mineral (Major / Minor) Quartz, Feldspar, Mica  
 Near village ... Tehsil ... District - Bhilwara  
 Name of the applicant ...  
 Date of demarcation 19.6.87  
 Name of the demarcator ...  
 Name of chairman ...  
 Field book no 3/07 Page no 84 to 90  
 Total area demarcated = 49.00 Sq. Mts./ Hectares  
 Survey instruments used: - Prismatic compass, Metallic tape, Ranging rods etc.  
 Fixed Reference Point: - T.I. - 477 (नियंत्रित मील)


Description Report

From	To	Bearing (W.C.B.)	Distance (Meters)
T.I. - 477	A	89°-0'	1250 m
A	E	47°-0'	80 "
E	F	137°-0'	240 "
F	G	47°-0'	250 "
G	H	317°-0'	200 "
H	I	47°-0'	630 "
I	J	317°-0'	500 "
J	E	227°-0'	880 "

Total demarcated Area 49.00 Hectares.

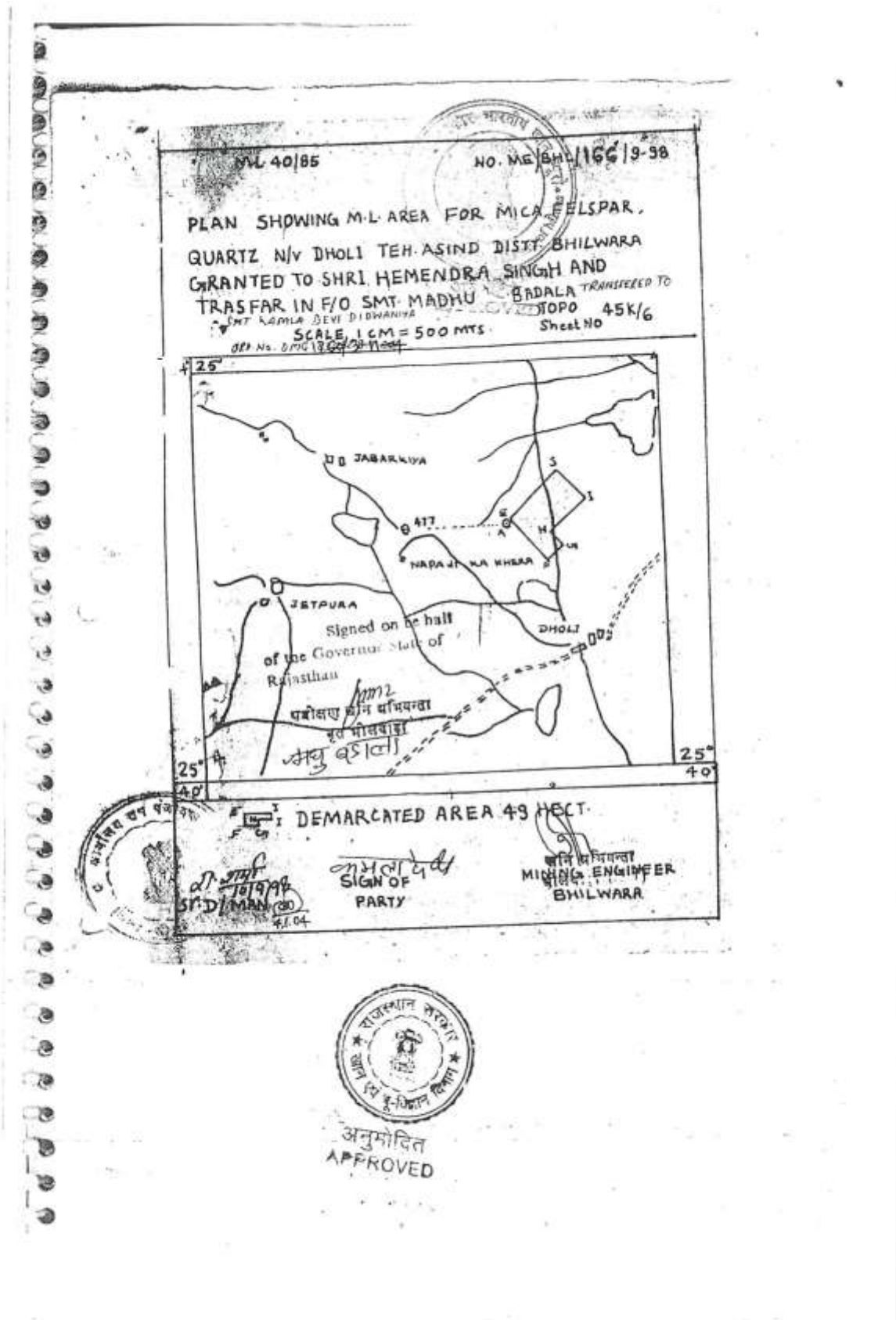
विवरण :-  
 A-विन्दु :- यह मूल बिन्दु नियंत्रित मील T.I. - 477 262°-0' व 1250 m की दूरी पर 2721 नॉर्मास की 242.45 पश्चिमी कोण 14°-15' H.T. 47 नं. 130 - 233°-15' H.T. 47 नं. 131 - 311°-0' की दूरी की समतल स्थिति में देखा गया है।  
 E-विन्दु :- यह बिन्दु 221 मीटर की दूरी पर नॉर्मास की 242.45 पश्चिमी कोण 1°-15' दूरी 214 - 255°-0' H.T. 47 नं. 130 - 230°-45' की दूरी पर 2302 मीटर की दूरी पर नॉर्मास की 257°-30' व 53 m की दूरी पर 358°-0' की दूरी पर स्थित है।

प्रभात एण्टरप्राइजेज  
 सोल प्रोप्राइटर  
 सचिव, म.स.जी. लिमिटेड  
 (वायर ऑफ जयन्ता, सिव्हर)

  
 अनुमोदित  
 APPROVED

खनि अ. वि. वि. वि.  
 भिलवारा (राज.)





**FORM - C**  
**MODEL FORM FOR TRANSFER OF MINING LEASE**  
**(SEE RULE 37 A)**

Deed for transfer of Mining Lease for Mica, Feldspar, Quartz Area 49.00 Hect. Near Village Dholi Teshil Asind District - Bhitwara (Raj.) Of the state of Rajasthan on Non Judicial Stamp Paper No. 8290 Stamp-2, Stamp Worth Rs. 10,000/- Dt. 20.02.2014 attached.

When the transfer or in an Individual The Indenture made this 3<sup>rd</sup> Day of April 2014 between मेसर्स प्रभात एन्टरप्राइजेज प्रो. श्रीमति कमला देवी डिडवानिया पति श्री ओम प्रकाश डिडवानिया निवासी डी-4, नागरी गार्डन भीलवाड़ा (राज.) (Name of the person with address and Occupation) (Here in after called to the "Transferor " Which expression shall where the context so admits be deemed to include his heirs, executors, administrator representative and permitted assigns)

When the transferor are more than one individual \_\_\_\_\_ NA \_\_\_\_\_ (Name of the person with the address and occupation ) and \_\_\_\_\_ NA \_\_\_\_\_ (Name of the person with the address and occupation (Hereinafter referred to as the " Transferor" which expression shall where the context so admits be deemed to include their respective heirs, executors, Administrators representatives and their permitted assigns.)

When the transferor is a registered firm \_\_\_\_\_ NA \_\_\_\_\_ (Name of the Person With address of all the partners) all carrying on business in partnership. Under the firm name and style of \_\_\_\_\_ NA \_\_\_\_\_ (Name of the Firm) registered under the Indian partnership Act 1932 (9 of 1932) and having their registered office at \_\_\_\_\_ NA \_\_\_\_\_ in the town of \_\_\_\_\_ NA \_\_\_\_\_ (hereinafter referred to as the : transferor" which expression where the context so admits be deemed to include all the said partners, their respective heirs, executors, legal representative and permitted assigns).

Where the transferor is a Registered company \_\_\_\_\_ NA \_\_\_\_\_ (Name Company) a company registered under (Act under which incorporated) and having its registered office at \_\_\_\_\_ NA \_\_\_\_\_ (Address) (hereinafter referred to as, the "transferor" which expression shall where the context so admits be deemed to include its successors and permitted assigns) of the First part.

कमला देवी  
वास्ते : सुषमा  
अभिषेक

(P.O.A.)  
अनुमोदित  
APPROVED

अभिषेक  
अभिषेक (भीलवाड़ा)  
अभिषेक

खान एवं मूविजान  
भीलवाड़ा

Signed on behalf of  
of the Governor State of  
Rajasthan  
अधीक्षक खानि अन्वयता  
वृत्त भीलवाड़ा



राजस्थान RAJASTHAN

B 121993



//2//

And

and when the transferee is an individual श्रीमति सुषमा अरोड़ा पति श्री बी. के. अरोड़ा निवासी 70, सेक्टर-7, एक्टेन्शन, इन्द्रा विहार रुड, न्यू पॉवर हाउस रोड, जोधपुर (राज.) context so admits be deemed to include his heirs, executors, administrators representative and permitted assigns).

When the transferees are more than one individual NA Name of the person with address and occupation) and NA (Name of person with address and occupation)(hereinafter referred to as the "transferee" which expression shall where the context so admits be deemed to include their respective heirs, executors, administrators, representatives and their permitted assigns).

When the transferee is registered firm NA (Name and address of all the partners all carrying on business in partnership under the firm name and style of) NA (Name of the Firm) registered under the Indian partnership Act, 1932 (9 of 1932) and having their registered office at NA (hereinafter referred to as the "transferor" which expression where the context so admits be deemed to include all the said partners, their respective heirs, executors, legal representative And permitted assigns).

When the transferee is registered Company NA (Name of Company) a company registered under Act 1956 (No. 1 of 1956) (Act, under which incorporated) and having its registered office NA (address) (hereinafter referred to as the 'transferor' which expression shall where the context so permitted assigns) of the First part.

And

The Governor of Rajasthan (Hereinafter referred to as the state Government ' Which expression shall where the context so admits be deemed to include the successors and assigns) of the Third Part.

अमला देवी

वास्तो : सुषमा अरोड़ा



उप पंजीयक  
 आसीन्द (भीलवाड़ा)

खान एवं पंजीयक  
 भीलवाड़ा

Signature of the Governor State of Rajasthan  
 अधीक्षक खानि अभियन्ता  
 वृत्त भीलवाड़ा

गनमोदित

आज दिनांक 4 माह April सन् 2014 को 11:21 बजे  
श्री/श्रीमती/सुश्री MS PRABHAT ENTERPRISES/KAMALA पुत्र/पुत्री श्री OMPRAKAS  
उम्र 0 वर्ष, जाति DEEDWANIYA व्यवसाय  
निवासी BHILWARA  
ने भूरे सम्मुख दस्तावेज पंजीयन हेतु प्रस्तुत किया।



हस्ताक्षर प्रस्तुतकर्ता हस्ताक्षर उप पंजीयक, ASIND  
(2014001096)  
(Mining lease & transfer of mining lease)

रसीद नं० 2014000923 दिनांक 04/04/2014  
पंजीयन शुल्क रू० 4050/-  
प्रतिलिपि शुल्क रू० 300/-  
पृष्ठांकन शुल्क रू० 0/-  
अन्य शुल्क रू० 2030/-  
कमी स्टाम्प शुल्क रू० 10250/-  
कुल योग रू० 16630/-

(2014001096) उप पंजीयक, ASIND  
(Mining lease & transfer of mining lease)



आज दिनांक 04/04/2014 को  
पुस्तक संख्या 1 जिल्द संख्या 5  
में पृष्ठ संख्या 8 क्रम संख्या 2014000808 पर  
पंजीबद्ध किया गया तथा अतिरिक्त  
पुस्तक संख्या 1 जिल्द संख्या 17  
के पृष्ठ संख्या 26 से 37 पर  
चस्पा किया गया।

(2014001096) उप पंजीयक, ASIND  
(Mining lease & transfer of mining lease)

पेज नं. ...



साक्षी :- 1. नाम श्री चन्द्रवीरसिंह पिताश्री फौजसिंह राजपुत  
उम्र 40 वर्ष निवासी दौलतगढ़ तह0 आसीन्द



साक्षी :- 2. नाम श्री प्रभात डिडवानिया पिताश्री ओमप्रकाश  
डिडवानिया उम्र 26 वर्ष निवासी ए-11/12 आर.  
सी.व्यास कॉलोनी भीलवाड़ा तह0 भीलवाड़ा



फिंगर प्रिन्ट नं. 1:-



फिंगर प्रिन्ट नं. 2:-






Drafted by me

I.L. Solanki (Drafter)

उप पंजीयक  
आसीन्द (भीलवाड़ा)



अनुमोदित  
APPROVED

	हस्ताक्षर	फोटो	अंगूठा
<p>उक्त श्री/श्रीमती/सुश्री (Executant)                      1-MS PRABHAT ENTERPRISES/KAMALA                      DEV/OMPRAKASH                      Age:0, Caste-DEEDWANIYA                      Ocu.-                      R/O-BHILWARA</p>	<p>कामेश्वर देवी</p>		
<p>2-SUSHAMA ARORA POWER BY SUDHIR SHROTRIYA                      /B. K. ARORA / KANHIYA LAL                      Age:0, Caste-                      Ocu.-                      R/O-NEW POWER HOUSE JODHPUR/ 96 AHINSHA                      PURI,CHITODGARH</p>	<p>Sushama Arora</p>		
<p>ने लेख्यपत्र Mining lease &amp; transfer of mining lease को पढ़ सुन व समझकर निष्पादन करना स्वीकार किया।</p>			
<p>उक्त निष्पादन कर्ता की पहचान</p>			
<p>1. श्री/श्रीमती/सुश्री CHANDRA VEER SINGH                      पुत्र/पुत्री/पत्नी श्री FOJ SINGH उम्र 0 वर्ष                      जाति RAJPUT व्यवसाय                      निवासी DAULATGARH</p>			
<p>2. श्री/श्रीमती/सुश्री PRABHAT                      पुत्र/पुत्री/पत्नी श्री OMPRAKASH उम्र 0 वर्ष                      जाति DEEDWANIYA व्यवसाय                      निवासी BHILWARA ने की है जिनके</p>			
<p>समस्त हस्ताक्षर एवं अंगूठा के निशान मेरे समक्ष लिये गये हैं।</p>			
<p>(2014001096)                      (Mining lease &amp; transfer of mining lease)</p>	<p>उप पंजीयक, ASIND</p>		
			
<p>अनुमोदित                      APPROVED</p>			

//3//


When by virtue of an indenture of lease dated the 04-01-2008 registered as No. on 09.01.2008 in the office of the sub-registered of Bhilwara (Place) (Hereinafter referred to as Lease) the original where of attached here to and marked 'A' entered into between the State Government (There in called the lessor) and the transferor (is entitled to search for win and work the lessee the mines and in Minerals in respect of Mica, Feldspar, Quartz (Name of Minerals) in the lands described in the schedule there to and also in schedule annexed here to for the terms and subject to the payment. Of the rent and royalties and observance and performance of the lossess convent and condition in the said deed of lease reserved and contained including a covenant not to assigns the previous sanctioned the State Government.

And where as the transferor is now desirous of transferring and assigning the transferee and the State Government has at the request of transferor, granted (with the prior approval of the State Government) Permission to the transferor vide order No. DMG/BHL/CC-5/F.1(1) 275/2005/1067 Date 30.01.2014 and time extent NA such the transferees entering in to an agreement is and contained the terms and conditions hereinafter set forth and also as per MCR, 1960 an M.M.R.D. Act, 57 as amended from time to time.

**NOW THIS DEED WITNESSETH AS FOLLOWS:-**

1. In consideration of Rs. 1000/- paid by the transferee to the transferor the respect of which the transferor hereby acknowledge the transferor here by convey assign is and transfers unto the said herein before recited lease and to hold the same unto the transferee with effect from the date of Execution of transfer deed for the unexpired of the said lease.
2. The transferee hereby covenants with the State Government that from an after the transfer and assignment of the lease the transfer shall be bound by and be liable to perform observe and confirm and be subject to all the provisions of the conventant situated and conditions contained in a said here in before recited lease in the same manner in all respects as if the lease in the had been granted to the transferee as the lessee there under and he had originally executed it as such.
3. If is further hereby agreed and declared by the transferor of the one part and the one transfers of the of other parts that :-
  1. The transferor and the transferee declare that they ensured that the mineral rights over the area for which the mining lease is being transferred vest to the State Government.
  2. The transferor hereby declares that he has assigned subject mortgaged or in any other manner transferred the mining lease now being transferred and that no other person or persons has any right title or interred where under in the present mining lease being transferred.The transferor further declares that he has not entered into or made any agreement contract or understanding here he has been or is being directly or indirectly financed to as substantial extent by or under which the transferor's operation or understanding where or are being substantially controlled by any person or body of person other than the transferor.
4. The transferor further declares that he has not entered into or made any agreement contract or understanding here he has been or is being directly or indirectly financed to as substantial extent by or under which the transferor's operation or understanding where or are being substantially controlled by any person or body of person other than the transferor.
5. The transferor further declares that he has furnish in affidavit along with application for transfer of the present mining lease specifying there in the that he has already taken/proposed to take as consideration from the



वास्तु :   
अनुमोदित  
(P.O. BARGVED)

  
खनि अभियन्ता  
खान एवं भूविज्ञान विभाग  
भीलवाड़ा

  
उप रजियक  
आशीश (भीलवाड़ा)

Contd...4

11411

6. The transferor ensure that the transferee to whom the place is being transferred agrees to prepare a mining plan and program or extraction duly approved by a authority appointed by Central Government and also agree to undertake the mining operation in accordance with the provisions of the Mining Act, 1953 to take measure for the protection of environment like planting of tree reclamation of land use of pollution control device and such other measure as may be prescribed by the Government from time to time at their own expenses And to pay compensation to the occupier of the land on the date in the manner laid down in the rules.
7. The transferee hereby undertake to prepare a mining plan and programme of extraction duly approved by an authority appointed by the Central Government already Submitted of transfer agreement and also agreed to undertake the mining operations in accordance with the approved mining plan already approved.
8. Transferee undertaking to pay a wage not less than the minimum wage prescribed by the central Government from time to time.
9. The transferee undertake to comply with the provisions of the mining Act 1952.
10. The transferee further undertake to take measure for the protection of environment like planting of trees, reclamation of land use of pollution control devices and such other measure as may be prescribed by the central Government from time to time at their own expenses.
11. The transferee also undertake to pay compensation to the occupation of the land on the date and in the manner laid down in the rules.
12. The transferee also undertaking to pay regularly the livable loan tax in respect of this mining lease being transferred to them w.e.f. the date of execution of this deed.
13. The transferee further declare that they are financially capable of land will directly undertake mining operations only after the submission of mining plan duly approved by the Indian Bureau of mines with a period of this deed.
14. The transferor have supplied to the transferee the original copies of all plans of abandoned working in the area and in belt 6 meters wide surrounding it.
15. The transferee hereby further declare that a consequence of this transfer the total area while held by them under mineral concessions is not in contravention of section 6 mt. Mines and minerals (Regulation and Development) Act, 195 or rule 35 of the mineral concession rules, 1960.
16. The transferor has paid all the rent royalties and other dues toward Government till this in respect of this lease.
17. The transferor & transferee are responsible for the payment of land tax toward Government before and after execution of this deed in respect of this lease.



आम लोदी देवा  
बास्ते : सुष्मा अरोरा  
अनुमोदित  
APPRECIATED  
उप पंजीयक  
भासीदे (भीलवाडा)  
खनि अडिस्ट्रेट  
खान एवं सुविधान विभाग  
भीलवाडा

Contd...


//5//

The lease was granted by the State Government in favor of transferor with Government Order No. DMG / BHL / CC-3 / F.1(1) 275 / 2005 (Ren.) / 7327 E 01.12.2007 for a period of 19.09.2006 to 20 years.


thus from the date of registration of lease, agreement Dt. i.e. from 04.01.2008 at Registered on 09.01.2008 Lease Period from 19.09.2006 to 18.09.2026 for an area of 49.00 Hect.


विशेष शर्त :- उक्त खनन पट्टा संख्या 275/05 के अन्तर्गत पूरक संविदा के पश्चात खान मंत्रालय भारत सरकार के पत्र क्रमांक एफ-10/79/2008-एम.वी. दिनांक 23.12.2010 अंकित अनुसार खनिज रियायत नियमावली 1980 के नियम 27 (अ) की पालना हेतु पाबन्द रहूंगी ।

हस्तान्तरण आज दिनांक 3/1/2019 से प्रभाव में आयेगा।

Witness :   
Smt. Sushma Arora  
D/A Nagari Garden BHL

कमला देवी  
Party No. 1

Witness : 2   
Naren Singh  
Sangray Colony  
Bhilwara (Raj.)

वास्ते : सुष्मा अरोड़ा  
  
Party No. (P.O.A.)

Signed on behalf  
of the Government of  
Rajasthan  
अधीक्षण खनि अभियन्ता  
वृत्त भीलवाड़ा

Signature of the Transferor  
Transferee and  
witness attached.



Signature by for and  
on Behalf of the  
Government of Rajasthan  
in the presence Of

  
खनि अभियन्ता  
Mining Engineer  
खान ए.डी. मण्डल विभाग  
Bhilwara  
भीलवाड़ा

उप पंजीयक  
आसीन्द (भीलवाड़ा)



Schedule

(Location And Area Lease)

ALL THAT OF LAND SITUATED NEAR VILLAGE - DHOLI TESHIL ASINI  
DISTT. BHILWARA (RAJASTHAN)

POLICE STATION :- ASIND

SURVEYOR NO. :- T.I. 477

TOPO SHEET NO. :- 45 K/06 CONTAINING ON AREA OF 49.00 HECT.

AS PER PLAN AND DEMARCATION REPORT ANNEXED WITH THE LEAS  
DEED.

Dated : \_\_\_\_\_

Place : \_\_\_\_\_

Signature of Party



1. सुषमा अरोड़ा

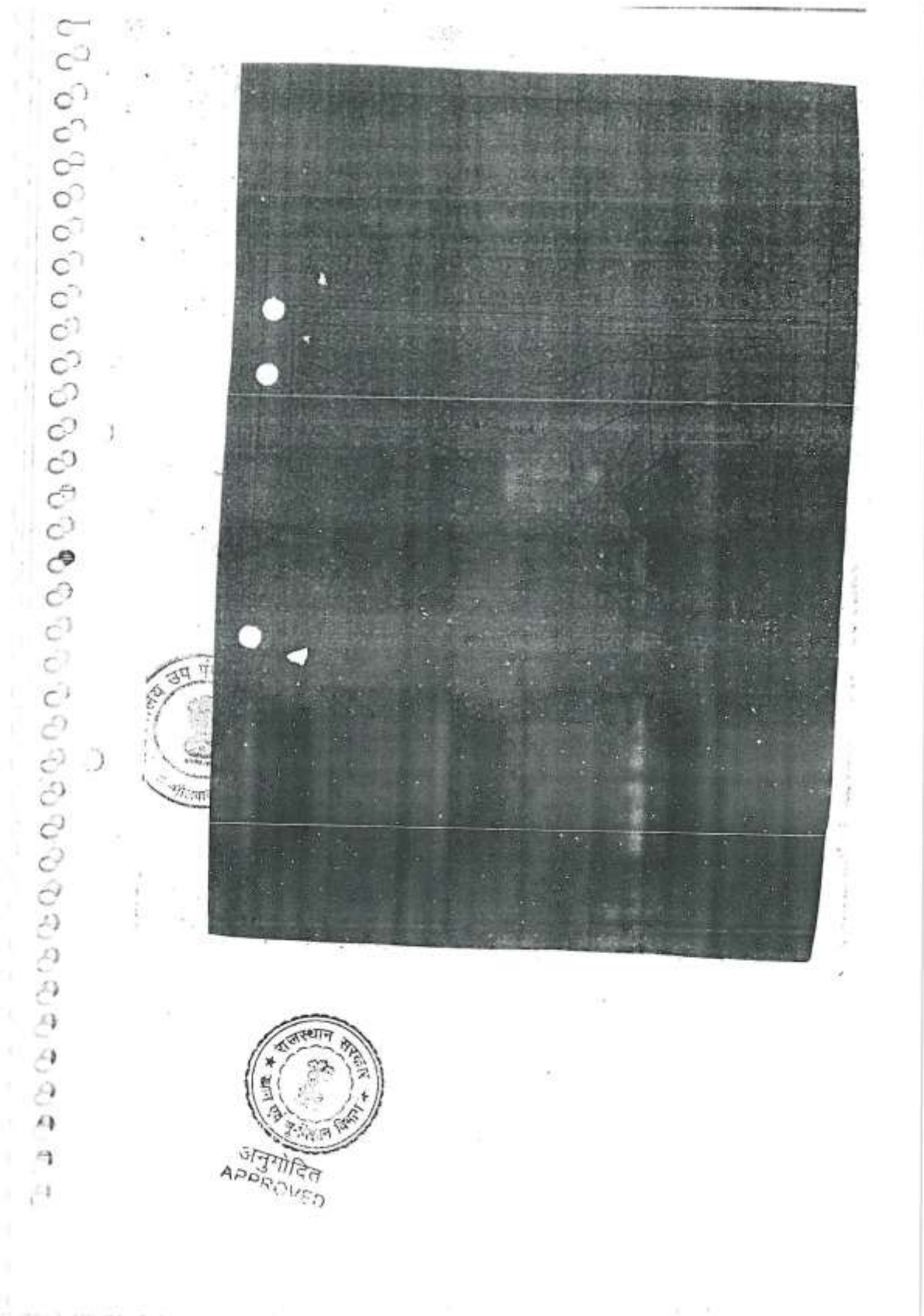
वास्ते : सुषमा अरोड़ा

2. अशोक  
(P.O.A.)

  
उप पंजीयक  
आसीन्द (भीलवाड़ा)

  
Mining Engineer  
खान सुषमा अरोड़ा विभाग  
भीलवाड़ा





GOVERNMENT OF RAJASTHAN  
Department of Mines & Geology; Rajasthan  
Office of the Mining Engineer, Bhilwara

Renewal M.L.N.O. 275/05  
Renewal

Demarcation Report

ML. No / Pt. No 275/05 old 40/85 Mineral (Major / Minor)  $SiO_2, Al_2O_3, Fe_2O_3, CaO, MgO, K_2O, Na_2O, H_2O$   
Near village  $...$  Tehsil  $...$  District- Bhilwara  
Name of the applicant  $...$   
Date of demarcation 19.6.07  
Name of the demarcator  $...$   
Name of chainman  $...$   
Field book no 3/07 Page no 84 to 90  
Total area demarcated =  $49.00$  Sq. Mts./ Hectares  
Survey instruments used: - Prismatic compass, Metallic tape, Ranging rods etc.  
Fixed Reference Point: - T.I - 477 (नामिका मीना)



Description Report

From	To	Bearing (W.C.B.)	Distance (Meters)
T.I-477	A	$89^{\circ}-0'$	1250 Mts
A	E	$47^{\circ}-0'$	80 "
E	F	$137^{\circ}-0'$	700 "
F	G	$47^{\circ}-0'$	250 "
G	H	$317^{\circ}-0'$	200 "
H	I	$47^{\circ}-0'$	630 "
I	J	$317^{\circ}-0'$	500 "
J	E	$227^{\circ}-0'$	880 "
Total Demarcated Area $49.00$ Hectares.			

विवरण :-  
A-बिन्दु :- यह बिन्दु बंगला के बिन्दु माना है  
T.I-477  $269^{\circ}-0'$  व 1250 M  
मीना म रस्ता नामिका व री 242 क पश्चिमी कोण  $14^{\circ}-15'$   
H.T. पोल नं. 130 -  $233^{\circ}-15'$   
H.T. पोल नं. 131 -  $311^{\circ}-0'$   
बंगला व नामिका (बिन्दु) के बिन्दु  $162^{\circ}-15'$   
E-बिन्दु :- यह बिन्दु री 242 क पश्चिमी कोण  
नामिका व पोल वी 242 क पश्चिमी कोण  $1^{\circ}-15'$   
H.T. पोल नं. 130 -  $233^{\circ}-15'$   
F-बिन्दु :- यह बिन्दु री 242 क पश्चिमी कोण  
नामिका व पोल वी 242 क पश्चिमी कोण  $1^{\circ}-15'$   
H.T. पोल नं. 130 -  $233^{\circ}-15'$

प्रभात एण्टरप्राइजेज  
सरोत प्रोपर्टीज  
श्रीगंगा कान्हा देवी विद्यमानिका  
अनुमोदित  
APPROVED  
मास्ते : सुभाष खेरवत  
Bhargava  
खनि अभियान  
खनि मंत्रालय  
भारत सरकार  
नामिका -  $257^{\circ}-30'$  व 53  
कमला देवी  
358  
प.प.टी. 0  
उप पंजीयक  
आशीन्द (भीलवाड़ा)  
खनि अभियान  
भीलवाड़ा

कुशा नी भूला का लेनी 16. नाला का 50°-30'  
 कुशा नी का लु लेनी 16. नाला का 60°-0'  
 मोरी नी मदन लेनी 90 नाला लेनी 66°-0'  
**H-खिला:-** मरु कंडा रुखि का माला  
 कुशा नी का लु लेनी 16. नाला का 70°-30'  
 हिंस 214 - 27°-30'  
 कुशा नी भूला लेनी - 100°-0'  
**I-खिला:-** मरु खिला नी पना नील 18. मोरी कुं (के एके के पदियन मरे मरे)  
 कुशा नी मंगु नील 16. मोरी कुं (341°-0'  
 हिंस 214 265°-0'  
 कांठि मारानी माला नी माला (परा 10) 305°-0'  
**J-खिला:-** मरु खिला (लाडु शो खियाग कुंटा) के लेने की मोरी पाला  
 कुशा नी लाडु शो खियाग कुंटा (वि. मोरी 257-30 न 125  
 हिंस 214. काली मारी 133°-0'  
 कुशा नी मदन नाला, नाला 214) 16. मोरी पाला - 30°-15'  
 14-4-15



उपरोक्त सीमांकन सन्धान का प्रारम्भ ले 214 न 16 नाला का नी एवं लाला  
 के कुशा नी पाला प्राकृतिक नी मोरी वि. माला नी उपाधिक मरे मरे  
 माला नी लेने के लेनी खिला (पना के के पाला ले के के लाला  
 खिला के लाला नी लेने के लेनी खिला प्राकृतिक के लाला  
 मरे लेने के लेनी खिला 2 खिलाग 42 न ले लेनी मोरी  
 लेने नी खिला प्रकृतिक नी लेनी ले लेनी मोरी लेने नी  
 उपाधिक नाला माला के कांठि 12. 12. 95 नी खिला  
 लेनी नी नी पाला का के वग लेनी

वास्तु : सुष्मा  
 (P.O.A.)  
 प्रभात एण्टरप्राइजेज  
 सील प्रोवाइडर  
 श्रीमति कल्पा देवी विडयानिया  
 (पार नाला नाला लेने)  
 निदेशालय भाषा काल विद्या 19/07/15  
 प. न. (1) 235/05/1067 दिनांक 30.01.15  
 पणन पदम श्री मति सुष्मा अरोरा के मरे  
 नाला नाला (नी खिला माला माला)

उप खिलीयक  
 आसीन्द (भीलवाड़ा)  
 खनि अभियन्ता  
 खान एवं भूयिक विभाग  
 भीलवाड़ा

अनुमोदित  
 APPROVED  
 Signed on behalf of the Governor State of Rajasthan  
 भीलवाड़ा (राज.)  
 अधीक्षण खनि अभियन्ता  
 वृत्त भीलवाड़ा

राजस्थान सरकार

कार्यालय अधीक्षण खनि अभियन्ता, भीलवाड़ा वृत्त, भीलवाड़ा (राज.)

क्रमांक: अ.ख.अ./भील. वृत्त/मा.स्कीम/एम.एल-275/2005/3538 दिनांक 31.12.15

श्रीमती सुषमा अरोडा पत्नी श्री बी. के. अरोडा  
निवासी सेक्टर-7, Extension, इन्दिरा विहार स्ट्रीट  
न्यू पावर हाउस रोड, जोधपुर (राज.)

विषय : राजस्थान अप्रधान खनिज रियायत नियमावली 1986 के नियम 37 (एच) के अन्तर्गत श्रीमती सुषमा अरोडा निवासी जोधपुर (राज.) द्वारा खनिज क्वार्टर, फेल्सपार एवं माईका के खनन पट्टा क्षेत्र (क्षेत्रफल 49.00 हेक्टर) निकट ग्राम धोली तहसील आसीन्द जिला भीलवाड़ा (राज.) हेतु प्रस्तुत खनन स्कीम मय उत्तरोत्तर खान बंद करने की योजना का अनुमोदन।

सन्दर्भ : आपका पत्र दिनांक 08.05.2015 एवं 24.08.2015 ।

महोदय,

राजस्थान अप्रधान खनिज रियायत नियमावली 1986 के नियम 37 (एच) सपठित राज्य सरकार द्वारा जारी अधिसूचना दिनांक 10.02.15 के द्वारा प्रदत्त अधिकारों का प्रयोग करते हुये मैं एतद् द्वारा निकट ग्राम धोली तहसील आसीन्द जिला भीलवाड़ा (राज.) में स्थित श्रीमती सुषमा अरोडा निवासी जोधपुर (राज.) द्वारा खनिज क्वार्टर, फेल्सपार एवं माईका के खनन पट्टा क्षेत्र (क्षेत्रफल 49.00 हेक्टर) के लिये प्रस्तुत खनन स्कीम मय उत्तरोत्तर खान बंद करने की योजना का अनुमोदन करता हूँ। यह अनुमोदन निम्नलिखित शर्तों के अधीन हुआ है :-

1. इस खनन स्कीम का अनुमोदन केन्द्र सरकार अथवा अन्य किसी प्राधिकारी द्वारा खान पर समय समय पर लागू किये गये कानूनों पर प्रतिकूल प्रभाव डाले बिना किया गया है।
2. यह भी स्पष्ट किया जाता है कि इस खनन स्कीम के अनुमोदन में खान एवं खनिज (विकास और विनियम) अधिनियम 1957 या एम. एम. सी. आर. 1986 और किसी अन्य कानून जिनमें वन (संरक्षण) अधिनियम 1980, पर्यावरण संरक्षण अधिनियम, 1986 सहित अन्य किन्ही कानूनों के किसी अन्य प्रावधान की शर्तों के अनुसार किसी भी प्रकार से सरकार का अनुमोदन समाविष्ट नहीं हुआ है।
3. इस खनन स्कीम का अनुमोदन किसी भी न्यायालय के सूक्ष्म क्षेत्राधिकार के किसी आदेश या निर्देश पर प्रतिकूल प्रभाव डाले बिना किया गया है।
4. खान अधिनियम 1952 के अन्तर्गत खान को चालू करने की सूचना, खान प्रबन्धक एवं अन्य वैधानिक नियुक्तियों को अधिसूचित करने सहित उक्त अधिनियम के सभी नियमों एवं उपनियमों की पालना की जायेगी।
5. खनन स्कीम का निष्पादन/ क्रियान्वयन निषेधाज्ञाओं, अधिसूचनाओं, यदि कोई हो तों के रिक्त होने के अधिन होगा।

6. खान अधिनियम के अन्तर्गत अपेक्षित कोई सूचना/ विषय वस्तु का संग्रहित रखना/ छिपाना, यदि पाया जाता है और उसके सुधार हेतु कोई प्रस्ताव भी नहीं दिया जाता है तो खनन स्कीम का अनुमोदन तुरन्त प्रभाव से वापस लेना माना जायेगा।
7. वित्तीय आश्वासन की अवधि समाप्ति की दिनांक को अथवा उससे पहले नई वित्तीय आश्वासन सम्बन्धित खनि अभियन्ता/सहायक खनि अभियन्ता को प्रस्तुत किया जाएगा।
8. पट्टाधारी वन एवं पर्यावरण मंत्रालय एवं माननीय न्यायालय द्वारा पर्यावरण के सन्दर्भ में जारी आदेशों की पालना करना सुनिश्चित करेगा।

संलग्न :- अनुमोदित खनन स्कीम की प्रति।

(दीपक तंवर)

अधीक्षण खनि अभियन्ता  
भीलवाड़ा वृत्त, भीलवाड़ा

क्रमांक: अ.ख.अ./भील. वृत्त/मा.स्कीम/एम.एल-275/2005/  
प्रतिलिपी निम्न को सूचनार्थ एवं आवश्यक कायवाही हेतु :-

दिनांक .12.15

1. श्रीमान् निदेशक खान सुरक्षा महानिदेशालय, अजमेर।
2. निदेशक, खान एवं भूविज्ञान विभाग राजस्थान-उदयपुर मय अनुमोदित खनन स्कीम की प्रति।
3. खनि अभियन्ता, भीलवाड़ा मय अनुमोदित खनन स्कीम की प्रति।
4. वरिष्ठ भू वैज्ञानिक, भीलवाड़ा।
5. श्री दीपक सांखला (RQP), Opp. दौलतबाग, अजमेर (राज0)
6. रक्षित पत्रावली।

(दीपक तंवर)

अधीक्षण खनि अभियन्ता  
भीलवाड़ा वृत्त, भीलवाड़ा



POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS THAT I, SUSHMA ARORA wife of Shri B.K. Arora resident of C-21, colony of JK White Cement Works, Gotan, Distt. Nagaur (Rajasthan) do hereby appoint Shri Sudhir Shrotriya, Geologist, son of Shri K.L. Shrotriya resident of C-27, Colony of JK White Cement Works, Gotan, Distt. Nagaur (Rajasthan) as my Attorney in my name and on my behalf to do and execute all or any of the acts and things as follows pertaining to matters connected with my mining operation.



- 1) To conduct, control and supervise all correspondence and dealings with all Central Government/State Govt. or semi-Government office, Local authorities, Statutory Bodies, specially Mines and Revenue Departments/Authorities, Sales Tax Authorities, Rajasthan State Electricity Board, Railway Authorities, Police Authorities, Directorate General of Supplies and Disposals, Directorate General of Technical Development, Steel Authorities of India Ltd., Ministry of Steel, Mining & Industry Central Government.
  - 2) To make applications for mining leases, prospecting Licence, Quarry Licence and sign all documents and deeds incidental thereto and to enter into sign and execute all contracts, agreement in connection with all such matters.
  3. To appear before all authorities, Central/State Govt. offices and other Institutions for the purposes aforesaid.
  4. To represent me at any meetings/hearings with the Central Government of State Government or Semi-Government and other Institutions.
- To negotiate for purchase of land for Mining.



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Handwritten signature and date: 21/11/2001

contd....2

Handwritten signature  
DEEPAK SANKHLA  
ROI/AJM/211/2001/A



-: 2 :-

- 6. To take legal steps to ensure performance of the above said actions.
- 7. To sign all documents relating to excise duty including returns, excise gate passes, excise challans and all other excise documents etc.
- 8. To sue & to be sued and my attorney will be authorities to file suits, sign plains written statements, replications and any applications and to give statement on oath and file affidavits on my behalf and to do all the acts necessary for the conduct of the cases in all the civil, Revenue Criminal courts and appellate courts including High Courts Supreme Court and Revenue Board and to do all the acts necessary for the conduct of the cases.

Generally to do all such acts and things as the said attorney shall think expedient for the purpose aforesaid as fully effectually in all respects as I could do myself and I hereby undertake to ratify and confirm all and whatever the said attorney shall lawfully do or cause to be done by virtue of this deed.

AND I hereby agree that all acts, deeds and things lawfully done by the said attorney shall be construed as acts and deeds and things done by me and I undertake to satisfy and confirm all and whatsoever the said attorney has lawfully done and shall do cause to be done by virtue of the power hereby given.

IN WITNESS WHEREOF I do hereinto set my hand this 8 day of MAY 1990 in the presence of witness.



S. ARORA  
(SUSHMA ARORA)  
C-21, Colony, JK White Cement Works, Gotan, Distt. Nagaur (Raj.)

अनुमोदित  
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उपरोक्त विचारों  
की प्रतियोगिता  
श्री. सुशमा अरोरा  
को विचारों के प्रति प्रतिक्रिया  
अपेक्षा है की

9/5/90

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S.A. 10/10

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ANNEXURE - VI

F.No.J-1015/227/2005-IA-II (M)  
Government of India  
Ministry of Environment & Forests  
IA Division



Paryavaran Bhawan  
CGO Complex, Lodi Road  
New Delhi-110003.

Sd/-  
Dated 22<sup>nd</sup> August 2006

To  
Smt.Mdhu Badala  
C/O Acme Mining & environment consultant,  
C-13, CD, Indrapuri, Lal kothi,  
Jaipur, Rajasthan.

Subject: Mine of mica, quartz and feldspar at village-Dholi, Tehsil-Asind, District-Bhilwara, Rajasthan for 49.0 ha MI area and 33,500-tones/annum production capacity for mica (15000tones), quartz (12,000tones) and feldspar (20,000tones)-Environment clearance reg.

Madam,

This has reference to your letter No. Nil dated 15.06.2005 and subsequent letters dated 27.01.2006 on the above mentioned subject. It has been noted that the proposal is for enhancement of the production capacity of the mine from 1204TPA to 33500TPA and the mine was initially opened in September 1986. The total land required/mining lease area is 49.00 hectare, which include 33.00 ha agriculture land and 16 ha wasteland. Area proposed for excavation/mining is 18.12 hectare, 2.00 hectare for top soil storage, 4.50 hectare for OB dump, 0.50 hectare for mineral storage, 0.50 hectare for infrastructure 1.00 hectare for roads, 5.00 hectare for green belt & 17.38 hectare for future prospecting. No forestland is involved. No National park/Sanctuary/Biosphere reserves etc., located within core and buffer zone. The targeted production capacity of mine is 33500 TPA. Working is opencast by semi-mechanized method and involving blasting. The present working depth is 3-10m bgl and the ultimate working depth is 13m bgl. Ground Water table is in the range of 35m bgl (Pre-monsoon) to 30m bgl (Post-monsoon) in core zone and buffer zone respectively. Working depth of mine will not intersect ground water table. There is no population in the core zone hence displacement of population and R/R is not involved. The total water requirement of the project is 10 cu.m/day (Average demand), which will be met from ground water. No power requirement is envisaged. 2000 liters/day of HSD is proposed to be used. 2150cu.m overburden has already been accumulated since 1986 and 332476 cu.m overburden and 3600 cu.m top soil will be generated throughout mine life which will be dumped in the area earmarked and stabilized by afforestation, covering an area of 4.5 ha. No backfilling is proposed. Mine pits will be used as water body.

NOC has been issued by the Rajasthan SPCB on 07.10.2004 for lease area of 49.00 hectare and production capacity of 33,500 TPA. Public hearing was held on 10-09-2004. The IBM has approved mining plan on 01-06-2004 for lease area of 49.00 hectare. The progressive mine closer plan approved by IBM on 01-06-2004. The capital cost of the project is Rs. 48 lacs.



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*Deepak Sankhla*  
DEEPAK SANKHLA  
ROPIAJM/211/2001/A.

(2) The Ministry of environment and Forests hereby accords environment clearance to the above mentioned mica, quartz and feldspar mining project of M/s Smt. Madhu Badala, owner of the mine at village- Dholi, Tehsil -Asind, District Bhiwara, Rajasthan for annual production capacity 33,500TPA for mica (1500tones), quartz (12,000tones) and feldspar (20,000tones) involving total ML area 49.00 hectare under provision of EIA Notification, 1994 and its subsequent amendments issued under environment (Protection) Act, 1986 subsequent to implementation of the following conditions/safeguards:

**A. Specific Conditions:**

(i) All the conditions stipulated by SPCH in their NCR shall be strictly implemented.

(ii) Top soil should be stacked properly with proper slope at ear marked site (s) with adequate measures and should be used for reclamation and rehabilitation of mined out area.

(iii) OB and other wastes should be stacked at earmarked sites only and should not be kept active for long periods of time. Slopes of the waste dumps shall be made flat enough to ensure long-term stability and not exceeding 28° to prevent erosion and surface runoff.

(iv) Plantation should be taken up for soil stabilization along the slopes of the dump. Sedimentation pits should be constructed at the corners of the garland drains. The surface run-off should be desilted through a series of check dams and drains before final disposal.

(v) No OB or loose sediments shall be kept in the working benches/pits particularly during monsoon season.  
Mineral should be stacked at earmarked site (s) only.

(vi) Catch drains, and siltation ponds of appropriate size and check dams should be constructed to arrest silt and sediment flows from the mining operations. The drains should be regularly desilted and maintained properly.

Garland drain (size, gradient & length) shall be constructed for both mine pit and for the waste dump. Sump capacity should be designed keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sedimentation pits should be constructed at the corners of the garland drains.

(vii) Drills should be wet operated or fitted with dust extractors.

(viii) Controlled blasting should be practiced and only during daytime. The mitigative measures for control of ground vibrations to arrest the fly rocks and boulders should be implemented.

(ix) Water sprinkling arrangements to control the fugitive dust generation from the haul roads.

(x) Vehicular emission shall be kept under control and regularly monitored. Measure



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should be taken to maintenance of vehicle used in mining operation and in transportation of mineral. The vehicles used for transportation of mineral should be covered with tarpaulin and shall be optimally loaded.

(xi) Regular monitoring of groundwater table and quality should be carried out by existing wells/constructing wells in project area and data generated will be submitted to CGWB office at Lucknow.

(xii) Existing ecological status of the non- working area shall be conserved and protected. Authenticated list of fauna and flora separately for core and buffer zone shall be submitted within 3 months from the date of environment clearance, schedule as per the wildlife (protection) Act, 1972. In case, there is any schedule-i fauna in the project area, conservation plan for the same may be made with the consultation of forest department and separate fund are to be made for the same.

(xiii) Plantation shall be done covering a total area of 4.50 ha which includes a green belt of adequate width around the ML area along roads and OB dumps by planting suitable native species in consultation with the local DFO/Agriculture Department. The density of trees should be around 1000 plants per hectare.

(xiv) A Progressive Mine Closure Plan shall be prepared and implemented within the specified time frame. Water body over mined out area shall be well protected with fencing to avoid accident. The gentle stepping/terracing may be done for easy accessibility of local people for its use.

(xv) Ground water shall not be encountered during mining operations. Prior approval of MoEF and CGWA shall be obtained in case mining intersects ground water.

(xvi) Consent to Operate shall be obtained from the SPCB before expanding mining operations.

(xvii) Permission for drawl of ground water as applicable shall be obtained from CGWA/State Groundwater Deptt. and submitted to MOEF.

(xviii) A Final Mine Closure Plan along with details of Corpus Fund should be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closure for approval.

**B. General Conditions:**

(i) No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment & Forests.

(ii) No change in the calendar plan including excavation, quantum of mineral iron ore and waste should be made.

(iii) Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RPM, SPM, SO<sub>2</sub>, NO<sub>x</sub> monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of



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monitoring should be undertaken in consultation with the State Pollution Control Board.

(iv) Data on ambient air quality (RPM, SPM, SO<sub>2</sub>, NO<sub>x</sub>) should be regularly submitted to the Ministry including its Regional Office located at Lucknow and the Rajasthan State Pollution Control Board / Central Pollution Control Board once in six months.

(v) Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.

(vi) Measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc should be provided with earplugs / muffs.

(vii) Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents.

(viii) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.

Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.

(ix) A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.

(x) The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office located at Lucknow.

(xi) The Regional Office of this Ministry located at Lucknow shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.

(xii) A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom and suggestion / representation has been received while processing the proposal.

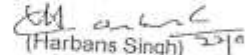
(xiii) State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/ Tehsildar's Office for 30 days.

(xiv) The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and may also be seen at web site of the Ministry of Environment and Forests at <http://envfor.nic.in> and a copy of the same should be forwarded to the Regional Office of this Ministry located at Lucknow.



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- (3) The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- (4) Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- (5) The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules and also any other orders passed by the Hon'ble Supreme court of India/High court of Rajasthan relating to the subject matter.

  
(Harbans Singh)  
Joint Director

Copy to:

1. Secretary, Ministry of Mines, Shastri Bhawan, New Delhi.
2. Secretary, Department of Environment, Government of Rajasthan, Jaipur.
3. Secretary, Department of Forests, Government of Rajasthan, Jaipur.
4. Secretary, Department of Mines and Geology, Government of Rajasthan, Jaipur.
5. The Chief Conservator of Forests (C), Ministry of Environment & Forests, Regional Office (CZ), Kendriya Bhawan, C.G.O. Complex, 5th Floor, Sector-H, Aliganj, Lucknow - 226 024.
6. Chairman, Central Pollution Control Board, CBD-Cum-Office Complex, East Arjun Nagar, New Delhi-110 032.
7. Chairman, Rajasthan State Pollution Control Board, Jaipur-400 001.
8. Member Secretary, Central Ground Water Authority, A2, W3 Curzon Road Barracks, K.G. Marg, New Delhi-110001.
9. Controller General, Indian Bureau of Mines, Indra Bhawan, Civil Lines, Nagpur- 440 001.
10. District Collector, District Bhilwara, Govt. of Rajasthan.
11. EI Division, Ministry of Environment & Forests, EI Division, New Delhi.
12. Monitoring File.
13. Guard File.
14. Record File.

(HARBANS SINGH)  
Join Director



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