

FORM –I
SUBMISSION
TO
STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY,
ANDHRA PRADESH.

By
P. RAMESH BABU
Mine Lease area of 6.88 Ha
in Sy. No. 600/B, Ammaladinne Village,
Peddapappur Mandal, Ananthapur District.

PREPARED BY



ISO 9001: 2008 Certified



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(See paragraph – 6)

FORM 1

(I) Basic Information

Sr.No								
(I)	Basic Information							
1	Name of the project	P.Ramesh Babu						
2	S. No. in the schedule	1 (a)						
3	Proposed capacity/area/length/tonnage to be handled/command area/lease area/number of wells to be drilled	<table border="1"><thead><tr><th>S. No.</th><th>Mineral</th><th>Production capacity</th></tr></thead><tbody><tr><td>1.</td><td>Dolomite</td><td>64,320 TPA</td></tr></tbody></table> <p>Total land –6.88 Ha</p>	S. No.	Mineral	Production capacity	1.	Dolomite	64,320 TPA
S. No.	Mineral	Production capacity						
1.	Dolomite	64,320 TPA						
4	New/Expansion/Modernization	Already In Operation						
5	Existing capacity/Area etc.	Not applicable						
6	Category of project i.e. 'A' or 'B'.	B						
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.	Survey Number. 600/B						
	Village	Ammaladinne						
	Tehsil/Mandal	Peddapappur						
	District	Ananthapur						
	State	Andhra Pradesh						
10	Nearest railway station/airport along with distance in kms.	Nearest Railway station: Tadopatri – 12.1 Kms. Bengulure Air port – 225 Kms.						
11	Nearest Town, city, District Headquarters along with distance in kms	Nearest town: Tadipatri – 11.5 Kms District Head quarter: Ananthapur-33 Kms						
12	Village Panchayats,Zilla Parishad, Municipal corporation, Local body(complete postal addresses with telephone no.s to be given)	Village Panchayat: Ammaladinne						
13	Name of the applicant	P.Ramesh babu						
14	Registered Address	# 1-331, Dwarakanagar, Anantapur-515001						
15.	Address for correspondence:							
	Name	P.Ramesh babu						
	Designation(owner/partner/CEO)	Lessee						
	Address	# 1-331, Dwarakanagar, Anantapur-515001						
	Pin code	515001						
	E-Mail	rameshpunnam7@gmail.com						
	Telephone No.	9440342911						
	Fax No.	-						

16.	Details of Alternative sites examined, if any. Location these sites should be shown on a topo sheet	No alternative sites have been considered
17.	Interlinked Projects	No
18.	Whether separate application of interlinked project has been submitted?	No
19.	If yes, date of submission	Not applicable
20.	If no, reason	Not applicable
21.	Whether the proposal involves approval/clearance under; if yes, details of the same and their status to be given. (a) The Forest (conservation)Act,1980 (b) The Wildlife(protection)Act,1972 (c) The C.R.Z Notification,1991?	Not Applicable
22.	Whether there is any a government order/policy relevant/relating to the site?	Not Applicable
23.	Forest land involved(hectares)	Not Applicable
24.	Whether there is any litigation pending against the project and/or land in which the project is propose to be set up? (a)Name of the court (b)Case No. (c) Orders/directions of the court, if any and its relevance with the proposed project.	No

(II) Activity

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	Topography of the Mine will change due to mining operation.

1.2	Clearance of existing land, vegetation and buildings?	No	Not applicable
1.3	Creation of new land uses?	No	There is no plan during his plan period
1.4	Pre-construction investigations e.g. bore houses, soil testing?	No	Not applicable
1.5	Construction works?	Yes	Office Room, Rest room, Lavatory will be provided after obtaining the necessary permissions from SEIAA / SPCB.
1.6	Demolition works?	No	No demolition work will be involved.
1.7	Temporary sites used for construction works or housing of construction workers?	No	Not applicable
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	No	Not applicable
1.9	Underground works including mining or tunneling?	No	Not applicable
1.10	Reclamation works?	No	There is no plan during his plan period
1.11	Dredging?	No	Not applicable
1.12	Offshore structures?	No	Not applicable
1.13	Production and manufacturing processes?	Yes	Dolomite will be mined by opencast semi mechanized method of mining with drilling and blasting.
1.14	Facilities for storage of goods or materials?	No	Not applicable
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	No	No wastewater generation in the mine lease area. The Sanitary wastewater generated will be treated in septic tank followed by subsurface dispersion.
1.16	Facilities for long term housing of operational workers?	No	No housing colony or township is proposed.
1.17	New road, rail or sea traffic during construction or operation?	Yes	Traffic will increase due to mineral transportation.
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?	No	Not applicable
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	No closure or diversion of existing transport routes is envisaged.
1.20	New or diverted transmission lines or pipelines?	No	Not applicable
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	Not applicable

1.22	Stream crossings?	No	Not applicable
1.23	Abstraction or transfers of water form ground or surface waters?	No	Not applicable
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	No changes in water bodies
1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	Transport mineral during operation of the mine.
1.26	Long-term dismantling or decommissioning or restoration works?	No	Not applicable
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	Not applicable
1.28	Influx of people to the area either temporarily or permanently?	Yes	Most of the employees/ workers will be from local area only. Hence influx of people will be minimum.
1.29	Introduction of alien species?	No	Not applicable
1.30	Loss of native species or genetic diversity?	No	Not applicable.
1.31	Any other actions?	No	Nil

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	The Mine lease area is Government barren land.
2.2	Water (expected source & competing users) unit: KLD	Yes	Water will be required for dust suppression, plantation and domestic purpose. The water requirement will be met from the ground water.
2.3	Minerals (MT)	No	Not applicable
2.4	Construction material – stone, aggregates, sand / soil (expected source – MT)	Yes	All construction material is locally available.
2.5	Forests and timber (source – MT)	No	Not applicable
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	No	Not applicable
2.7	Any other natural resources (use appropriate standard units)	No	Not applicable.

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	Yes	All the hazardous material will be used

	(as per MSIHC rules) to human health or the environment (flora, fauna, and water supplies)		as per the norms.
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	No	Not applicable
3.3	Affect the welfare of people e.g. by changing living conditions?	No	Not applicable
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	Dust will be the air emission in the mining operations. This will be controlled by dust suppression with the help of water sprinklers, wetting, avoiding overloading of dumpers consequently spillage on the roads, controlling speed of dumpers / trucks on haul roads.
3.5	Any other causes	No	Not applicable

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	Spoil, overburden or mine wastes	Yes	Waste will be generated from the mine will be stacked in the ML area.
4.2	Municipal waste (domestic and or commercial wastes)	Yes	MSW will be disposed off as per norms.
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	No	Not applicable
4.4	Other industrial process wastes	No	Not applicable
4.5	Surplus product	No	Not applicable
4.6	Sewage sludge or other sludge from effluent treatment	No	Not applicable
4.7	Construction or demolition wastes	Yes	All the construction waste will be disposed as per norms.
4.8	Redundant machinery or equipment	No	Not applicable
4.9	Contaminated soils or other materials	No	No contamination of soils. No contaminated materials will be kept in the Mine Lease area.
4.10	Agricultural wastes	No	No agricultural wastes will be generated.
4.11	Other solid wastes	No	Not applicable

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	Vehicular emissions will be envisaged.

5.2	Emissions from production processes	Yes	The sources of emissions will be vehicle movement & mining operation.
5.3	Emissions from materials handling including storage or transport	Yes	During vehicular movement dust will generated.
5.4	Emissions from construction activities including plant and equipment	No	Not applicable
5.5	Dust or odours from handling of materials including construction materials, sewage and waste	Yes	Water sprinkling will be done prevent dust generation
5.6	Emissions from incineration of waste	No	Not applicable
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	Not applicable
5.8	Emissions from any other sources	No	Nil

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	The noise generation sources will be mainly from vehicles
6.2	From industrial or similar processes	Yes	Drilling will generate noise
6.3	From construction or demolition	No	Nil
6.4	From blasting or piling	Yes	Blasting will generate Noise
6.5	From construction or operational traffic	Yes	The speed of the vehicles will be limited. The noise levels of all Vehicles used will be in accordance with MOEF notification.
6.6	From lighting or cooling systems	No	Not applicable
6.7	From any other sources	No	Not applicable

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	Not applicable.
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	Yes	The only source of wastewater generation will be sanitary waste water which will be treated in septic tank followed by subsurface dispersion.
7.3	By deposition of pollutants emitted to air into the land or into water	Yes	Dust will be the air emission in the mining operations and vehicular movement. This will be controlled by dust suppression with the help of

			water sprinklers, controlling speed of dumpers/trucks on haul roads.
7.4	From any other sources	No	Not applicable
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	Not applicable

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	No	Not applicable
8.2	From any other causes	yes	Mine inundation, slope failure at the mine faces. These will be prevented by employing competent persons and educating them and providing training with latest safety aspects.
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?	No	Not applicable

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	Lead to development of supporting utilities, ancillary development or development stimulated by the project which could have impact on the environment e.g.: <ul style="list-style-type: none"> • Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.) • housing development • extractive industries • supply industries • other 	No	No impact on environment due to ancillary development.
9.2	Lead to after-use of the site, which could have an impact on the environment	No	Not applicable
9.3	Set a precedent for later developments	No	No ancillary developments are anticipated due to the quarry operations.

9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effect	Yes	Mines are existing within the 10 km. radius.
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(III) Environmental Sensitivity

S.No.	Areas	Name/ Identity	Aerial distance (within 15 km.) Proposed project location boundary
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	Nil	Not applicable
2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	Yes	Penneru River – 5.6 Kms. Chagallu reservoir – 5.6 Kms. Sanjeevapuram reservoir-6.3 Kms. Mutchukota RF-0.6 Kms
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	Nil	Not applicable
4	Inland, coastal, marine or underground waters	Under ground water	Under ground water available in lease area.
5	State, National boundaries	Nil	Not applicable
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	Nil	Not applicable
7	Defence installations	Nil	Not applicable
8	Densely populated or built-up area	Yes	Tadipatri – 11.5 Kms
9	Areas occupied by sensitive man-made land uses (<i>hospitals, schools, places of worship, community facilities</i>)	Yes	Varadayapalli – 0.62 Kms
10	Areas containing important, high quality or scarce resources (<i>ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals</i>)	Yes	Penneru River – 5.6 Kms. Chagallu reservoir – 5.6 Kms. Sanjeevapuram reservoir-6.3 Kms. Mutchukota RF-0.6 Kms
11	Areas already subjected to pollution or environmental damage. (<i>those where existing legal environmental standards are exceeded</i>)	Nil	Not applicable

12	Areas susceptible to natural hazard which could cause the project to present environmental problems <i>(earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions)</i>	Nil	Based on the historical data, the site is not likely to prone to earthquakes, floods, etc.
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IV). Proposed Terms of Reference.

It is a Mine Lease Area of 6.88 Ha., we humbly request to consider the project under B-2 category and accord us the Environmental Clearance.

"I hereby giving 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 give, if any to the project will be revoked at our risk and cost.

Date: **20/03/2017**

Place:


Name & Signature of the Proponent

P. Ramesh Babu
Lessee,

1-331, Dwarakanagar, Anamtapur-515001.