

## FORM 1

### (I) Basic Information

S. No.	Item	Details															
1.	Name of the project/s	Proposed Limestone Slabs Quarry of Sri V. Venkata Krishna Reddy															
2.	Sl. No. in the schedule	Item- 1(a) Mining of Minerals															
3.	Proposed capacity /area /length/ tonnage to be handled/ command area/ lease area/number of wells to be drilled.	1200 Tonnes/Annum, Mining Lease area: 0.606 Ha.															
4.	New/Expansion/Modernization	New Mine															
5.	Existing Capacity/Area etc.	Not Applicable															
6.	Category of Project i.e. 'A' or 'B'	Category 'B' (B2)															
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. Village Tehsil District State	<table border="1" style="width: 100%;"> <thead> <tr> <th>GCP</th><th>Latitude (N)</th><th>Longitude (E)</th></tr> </thead> <tbody> <tr> <td>1</td><td>17° 17' 54.18"</td><td>77° 26' 36.59"</td></tr> <tr> <td>2</td><td>17° 17' 54.12"</td><td>77° 26' 38.97"</td></tr> <tr> <td>3</td><td>17° 17' 50.94"</td><td>77° 26' 38.52"</td></tr> <tr> <td>4</td><td>17° 17' 51.06"</td><td>77° 26' 36.65"</td></tr> </tbody> </table> Sy. No: 49 Village-Ogipur Mandal- Tandur District- Vikarabad Telangana	GCP	Latitude (N)	Longitude (E)	1	17° 17' 54.18"	77° 26' 36.59"	2	17° 17' 54.12"	77° 26' 38.97"	3	17° 17' 50.94"	77° 26' 38.52"	4	17° 17' 51.06"	77° 26' 36.65"
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10.	Nearest railway station/Port along with distance in km.	Tandur Railway Station – 15.9 km (ESE) Rajiv Gandhi International Airport – 105 Km (E) Krishnapatnam port – 442 km (SE)															
11.	Nearest Town, city, district Headquarters along with distance in kms.	Tandur – 15.0 km (ESE) District Headquarter – Vikarabad – 48.5 km (E)															
12.	Village Panchayats, Zilla Parishad, Municipal Corporation, Local body (complete postal addresses with telephone nos. to be given)	Ogipur Village – 1.2 km (E)															
13.	Name of the applicant	Sri V. Venkata Krishna Reddy															

14.	Registered Address	Sri V. Venkata Krishna Reddy, H. No. 1-1-2/2, C.C.I Colony, Tandur, Vikarabad.
15.	Address for correspondence:  Name Designation (Owner/Partner /CEO)  E-mail Telephone No. Fax No.	Sri V. Venkata Krishna Reddy Owner   9848719571
16.	Details of Alternative Sites examined, if any. Location of these sites should be shown on a topo sheet.	The mineral to be extracted is site specific and hence no alternative sites were examined.
17.	Interlinked Projects	Nil
18.	Whether separate application of interlinked project has been submitted?	Not applicable
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. i. The Forest (Conservation) Act, 1980? ii. The Wildlife (Protection) Act, 1972? iii. The C.R.Z. Notification, 1991?	No.
22.	Whether there is any Government Order/Policy relevant /relating to the site?	Yes. Deputy Director of Mines & Geology, Telangana issued a Notice No. 2010/QL/VKB/2018, Dated 04-08-2018.
23.	Forest land involved (hectares)	No forest land is involved
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 litigation or court case is pending against the proposed project.

## (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	There will be permanent change in land use and topography due to the proposed activity. The mined out pits are end of the quarry lease period, it is proposed to retain the quarried out area as a water pond.
1.2	Clearance of existing land, vegetation and buildings?	No	There are no buildings and vegetation is sparse in lease area.
1.3	Creation of new land uses?	Yes	Present land use will be changed with commencement of mining activities. After completion of mining activities, The mined out pits are end of the quarry lease period, it is proposed to retain the quarried out area as a water pond.
1.4	Pre-construction investigations e.g. bore houses, soil testing?	Yes	Preliminary investigations have been carried out at the QL area and mining plan has been prepared.
1.5	Construction works?	Yes	Office room, Rest shelters, First aid center, Workers Shed will be constructed in the QL area.
1.6	Demolition works?	No	There are no buildings in the quarry lease area. Hence, no demolition works envisaged.
1.7	Temporary sites used for construction works or housing of construction workers?	No	As the workers will be hired from nearby villages, no need to provide houses for construction workers.
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	Yes	The drilling and blasting operations shall be for a short period and only jack hammer holes shall be made to remove the overburden rock. Drilling and blasting may be required to excavate the overburden waste rock.

1.9	Underground works including mining or tunneling?	<b>No</b>	No underground mining or tunneling is envisaged.
1.10	Reclamation works?	<b>Yes</b>	In proposed lease area, reclamation will be taken up after economically viable depth is explored.
1.11	Dredging?	<b>No</b>	Not applicable
1.12	Offshore structures?	<b>No</b>	Not applicable
1.13	Production and manufacturing processes?	<b>Yes</b>	About 1200 Tonnes/Annum of Limestone Slabs will be mined.  Mining will be carried out by opencast semi mechanized method by using an excavator & tippers.
1.14	Facilities for storage of goods or materials?	<b>No</b>	No stockyard shall be maintained within the Q.L area. The useful Limestone Slabs excavated is loaded into tippers and shall be transported to the processing industries.
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	<b>Yes</b>	There is no proposal of permanent dumps. Initially the waste in the form of black soil over an area of 1540 sq.m and average thickness of 1.1m shall be removed from the pit proposed and shall be dumped at the western and northern part of the applied Q.L area along the 7.5m buffer zone to an extent of 850 sq. m to an height of 2m.
1.16	Facilities for long term housing of operational workers?	<b>No</b>	As the workers will be from nearby village so no needs to construct houses for operational workers.
1.17	New road, rail or sea traffic during construction or operation?	<b>No</b>	During operation, based on the demand about one tipper per day will be moving from the mine. No new rail network or sea route is proposed for the mining project. Existing road networks are used.
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?	<b>No</b>	Existing facilities are used. No other major road, rail, air waterborne transport network is envisaged for the mining project.

1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	<b>No</b>	No closure or diversion of existing transport routes or infrastructure is involved during mining operation.
1.20	New or diverted transmission lines or pipelines?	<b>No</b>	Not envisaged.
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	<b>No</b>	Not envisaged.
1.22	Stream crossings?	<b>No</b>	No seasonal nalas are passing through the mining lease area.
1.23	Abstraction or transfers of water from ground or surface waters?	<b>Yes</b>	Water required for the mining activities are sourced from bore well.
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	<b>No</b>	There are no perennial / seasonal water courses exist in this area.
1.25	Transport of personnel or materials for construction, operation or decommissioning?	<b>No</b>	The mined out minerals are transported to consumers by Tippers.
1.26	Long-term dismantling or decommissioning or restoration works?	<b>No</b>	Not envisaged.
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	<b>No</b>	Not envisaged.
1.28	Influx of people to an area in either temporarily or permanently?	<b>No</b>	No influx of people is envisaged as the total manpower required during operational stage is 10 as per approved Mining Plan
1.29	Introduction of alien species?	<b>No</b>	Not envisaged.
1.30	Loss of native species or genetic diversity?	<b>No</b>	Not envisaged.
1.31	Any other actions?	<b>No</b>	Not envisaged.

**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):**

<b>S. No.</b>	<b>Information/checklist confirmation</b>	<b>Yes/No</b>	<b>Details thereof (with approximate quantities /rates, wherever possible) with source of information data</b>
2.1	Land especially undeveloped or agricultural land (ha)	<b>Yes</b>	The quarry lease area is a Patta land. The lease area is barren land with sparse vegetation with small bushes. No cultivation is carried out in quarry lease area
2.2	Water (expected source & competing users) unit: KLD	<b>Yes</b>	Total water requirement of the mining operations is about 2.5 KLD per day. Water will be sourced from bore well.
2.3	Minerals (MT)	<b>No</b>	Not applicable
2.4	Construction material–stone, aggregates, sand/ soil (expected source – MT)	<b>Yes</b>	Common office room, rest shelter First aid center and work shed is proposed to be constructed. So requirement of small quantities of construction materials are sourced from nearby areas.
2.5	Forests and timber (source – MT)	<b>No</b>	Not applicable
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	<b>Yes</b>	This is open cast other than fully mechanized mining. Diesel based machinery will be used for quarrying operations.
2.7	Any other natural resources (use appropriate standard units)	<b>No</b>	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.**

<b>S. No.</b>	<b>Information/ Checklist confirmation</b>	<b>Yes/ No</b>	<b>Details thereof (with approximate quantities/ rates, wherever possible) with source of information data</b>
3.1	Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora,	<b>Yes</b>	The drilling and blasting operations shall be for a short period and only jack hammer holes shall be made

	fauna, and water supplies)		to remove the overburden rock. The blasting operations are on very small scale and therefore ground vibrations or air blast does not cause. Hence does not arise.
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	<b>No</b>	Not envisaged.
3.3	Affect the welfare of people e.g. by changing living conditions?	<b>Yes</b>	The proposed activity is providing employment to the nearby villagers and increasing their economical status.
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	<b>No</b>	Not envisaged.
3.5	Any other causes	<b>No</b>	Not envisaged.

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

<b>S. No.</b>	<b>Information/Checklist confirmation</b>	<b>Yes/No</b>	<b>Details there of (with approximate quantities/ rates, wherever possible) with source of information data</b>
4.1	Spoil, overburden or mine wastes	<b>Yes</b>	The limestone slabs deposit in this area is covered by black soil and thick bedded fractured limestone rock to a thickness ranging from 5.8m to 6.25m over the limestone slabs mineral. Initially the overburden waste generated in the form black soil waste rock and mineral rejects shall be dumped outside the Q.L area in the already excavated and abandoned quarry pits.
4.2	Municipal waste (domestic and or commercial wastes)	<b>Yes</b>	Very little quantity from office and rest shelters.
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	<b>Yes</b>	Used oil will be disposed as per the Hazardous waste management rules.
4.4	Other industrial process wastes	<b>No</b>	Not Applicable
4.5	Surplus product	<b>No</b>	Not envisaged

4.6	Sewage sludge or other sludge from effluent treatment	<b>No</b>	Not envisaged
4.7	Construction or demolition wastes	<b>No</b>	Not envisaged
4.8	Redundant machinery or equipment	<b>No</b>	Not envisaged
4.9	Contaminated soils or other materials	<b>No</b>	Not envisaged
4.10	Agricultural wastes	<b>No</b>	Not envisaged
4.11	Other solid wastes	<b>No</b>	Not envisaged

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

<b>S. No.</b>	<b>Information/Checklist confirmation</b>	<b>Yes/ No</b>	<b>Details thereof (with approximate quantities/rates, wherever possible) with source of information data</b>
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources	<b>Yes</b>	Emissions will be generated from trucks used for transportation activities
5.2	Emissions from production processes	<b>Yes</b>	Fugitive dust will be generated from mining activities. Adequate control measures like water sprinkling will be taken to control fugitive dust.
5.3	Emissions from materials handling including storage or transport	<b>Yes</b>	Emissions will be generated from transport.
5.4	Emissions from construction activities including plant and equipment	<b>No</b>	No major construction activities are envisaged.
5.5	Dust or odors from handling of materials including construction materials, sewage and waste	<b>Yes</b>	Dust is generated during mining and transportation of materials. However, odor is not envisaged.
5.6	Emissions from incineration of waste	<b>No</b>	Not envisaged
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	<b>No</b>	Not envisaged
5.8	Emissions from any other sources	<b>No</b>	Not envisaged



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

<b>S. No.</b>	<b>Information/Checklist confirmation</b>	<b>Yes/ No</b>	<b>Details thereof (with approximate quantities/rates, wherever possible) with source of information data with source of information data</b>
6.1	From operation of equipment e.g. engines, ventilation plant, crushers	<b>Yes</b>	Noise will be generated from transport vehicles.
6.2	From industrial or similar processes	<b>No</b>	Not envisaged
6.3	From construction or demolition	<b>No</b>	No major construction/demolitions are envisaged.
6.4	From blasting or piling	<b>Yes</b>	Noise will be generated during excavation, loading and transportation.
6.5	From construction or operational traffic	<b>Yes</b>	Noise will be generated from the trucks deployed for transportation of mined material.
6.6	From lighting or cooling systems	<b>No</b>	Not envisaged.
6.7	From any other sources	<b>No</b>	Not envisaged.

**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:**

<b>S. No.</b>	<b>Information/Checklist confirmation</b>	<b>Yes/ No</b>	<b>Details thereof (with approximate quantities/ rates, wherever possible) with source of information data</b>
7.1	From handling, storage, use or spillage of hazardous materials	<b>No</b>	Not envisaged.
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	<b>No</b>	Not envisaged.
7.3	By deposition of pollutants emitted to air into the land or into water	<b>No</b>	Not envisaged.
7.4	From any other sources	<b>No</b>	----
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	<b>No</b>	----

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

<b>S. No.</b>	<b>Information/Checklist confirmation</b>	<b>Yes/No</b>	<b>Details thereof (with approximate quantities/rates, wherever possible) with source of information data</b>
8.1	From explosions, spillages, fires etc. from storage, handling, use or production of hazardous substances	<b>No</b>	Not envisaged.
8.2	From any other causes	<b>No</b>	Not envisaged.
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc.)?	<b>No</b>	Not envisaged.

**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.**

<b>S. No.</b>	<b>Information/Checklist confirmation</b>	<b>Yes/No</b>	<b>Details thereof (with approximate quantities/ rates, wherever possible) with source of information data</b>
9.1	Lead to development of supporting facilities, ancillary development or development stimulated by the project which could have impact on the environment e.g. : ⇒ Supporting infrastructure (roads, power supply, waste or wastewater treatment, etc.) ⇒ Housing ⇒ Development ⇒ Extractive industries ⇒ Supply industries ⇒ Other	Yes	Supporting and ancillary development will take place.  Increased revenue to the state by way of Royalty, taxes and duties
9.2	Lead to after-use of the site, which could have an impact on the environment	Yes	At the end of the life of the mine, the mined out pit will be converted into water pond.
9.3	Set a precedent for later developments	Yes	Ancillary industries will be developed as a consequence.

9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	Yes	Dust accumulation on the roads.
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### (III) Environmental Sensitivity


S. No.	Areas	Name/ Identity	Aerial distance (within 15km.) Proposed project location boundary
1.	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value.	None	----
2.	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests.	<b>Reserved Forest</b> None.  <b>Water Bodies</b> Mullamari River Dindi Vagu Kagna River	--  1.2 km (S) 6.3 km (N) 3.2 km (S)
3.	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	None	-
4.	Inland, coastal, marine or underground waters	None	-
5.	State, National boundaries	None	-
6.	Routes or facilities used by the public for access to recreation or other tourist pilgrim area	None	-
7.	Defense installations	None	-
8.	Densely populated or built-up area	Tandur	15 Km (ESE)
9.	Areas occupied by sensitive man-made land uses hospitals, schools, places of worship, community facilities)	Hospitals, schools and temples are available in the surrounding villages & Mandal.	-
10.	Areas containing important, high quality or scarce resources (ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)	None	-

11.	Areas already subjected to pollution or environmental damage. (those where existing legal environmental standards are exceeded)	None	-
12.	Areas susceptible to natural hazard which could cause the project to present environmental problems (earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions)	None	-

"I hereby given 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: 01.06.2019

Place: Hyderabad



Sri V. Venkata Krishna Reddy,  
H. No. 1-1-2/2, C.C.I Colony,  
Tandur, Vikarabad.