

1. [Implementing Agency: DGM Maharashtra]

	Features	Details												
	Block ID													
	Exploration Agency	Directorate of Geology & Mining, Regional Office, Kolhapur, Govt. of Maharashtra												
	Previous Exploration Agency	-												
	Previous Stage Geological Report	-												
	Commodity	Bauxite and Aluminous Laterite												
	Mineral Belt	Western Dharwar Craton and Kaladagi Basin												
	Completion Period with entire Time schedule and cost	12 months Cost as proposed												
	Objectives	To identify potential area of Bauxite and Al. Laterite in the block. To drill the Bauxite/Aluminous laterite body (10 boreholes) on definite grid pattern as per MEMC rules 2015 to decipher its depth persistent, subsurface continuity and to establish the different zones of good quality Bauxite/Aluminous laterite. To estimate the in-situ resources of Bauxite/Aluminous laterite for G3 stage of exploration(333), and preparation of Geological Report (GR). Carry out mineral exploration works as per Minerals (Evidence of Mineral Contents) Rule-2015, MEMC amendment rule 2021, Mineral (Auction) Rules-2015 and MMDR Amendment act-2015. In turn to facilitate the Government of Maharashtra in auctioning of the block												
	Whether the work will be carried out by the proposed agency or through outsourcing and details thereof. Components to be outsourced and name of the outsource agency	Entire work to be carried out by DGM Maharashtra												
	Name/ Number of Geoscientists	Geologist (01) (P.T.) Junior Geologist (01)(F.T.)												
	Expected Field days (Geology) Geological Party Days	Geologist party -90 field days + 30 HQ days Surveyor party -30 days days												
1.	Location													
	Latitude and Longitude	<table><tr><td>N 17°57'49.14"</td><td>E 73°07'8.30"</td></tr><tr><td>N 17°57'43.98"</td><td>E 73°07'37.66"</td></tr><tr><td>N 17°56'50.30"</td><td>E 73°07'25.96"</td></tr><tr><td>N 17°56'53.13"</td><td>E 73°07'11.06"</td></tr><tr><td>N 17°57'28.07"</td><td>E 73°06'57.02"</td></tr><tr><td>N 17°57'35.16"</td><td>E 73°07'14.33"</td></tr></table>	N 17°57'49.14"	E 73°07'8.30"	N 17°57'43.98"	E 73°07'37.66"	N 17°56'50.30"	E 73°07'25.96"	N 17°56'53.13"	E 73°07'11.06"	N 17°57'28.07"	E 73°06'57.02"	N 17°57'35.16"	E 73°07'14.33"
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	Villages	Gudeghar												
	Tehsil/ Taluk	Mandangad												
	District	District												
	State	Maharashtra												
2.	Area (hectares/ square kilometers)													
	Block Area	1.54 sq.km.												
	Forest Area	Nil												

	Government Land Area	Nil
	Private Land Area	1.54 sq.km.
3.	Accessibility	
	Nearest Rail Head	Khed
	Road	Mumbai-Goa Highway
	Airport	Pune and Mumbai
4.	Hydrography	
	Local Surface Drainage Pattern (Channels) / Rivers/ Streams	The drainage pattern is mostly dendritic in nature.
5.	Climate	
	Mean Annual Rainfall	3787 mm
	Temperatures (December) (Minimum)	16°C
	Temperatures (June) (Maximum)	40°C
6.	Topography	
	Toposheet Number	Part of 47 G/1
	Morphology of the Area	Entire area comprises AA type of lava flows of Deccan traps which are capped by lateritic formation. Deccan trap of upper cretaceous to lower eocene giving rise to Aluminous rich laterite called as Bauxite. Below lateritic formation bauxite with lithomargic clay at the base of laterite profile are noticed.
7	Availability of baseline geosciences data	
	Geological Map (1:50K/ 25K)	NA
	Geochemical Map	NA
	Geophysical Map	NA
8.	Justification for taking up G-3 or G-2 Stage mineral Exploration	<ul style="list-style-type: none"> Traverses have been taken in the proposed area. Occurrences of in-situ Bauxite are noticed. The existing Gudeghar Bauxite Mine is located at a distance of approx. 500 mtrs towards West of proposed area. Another abandoned Sakhari Velas Bauxite mine of Smt. S.D. Dhanwate is located towards the west side of the proposed area at a distance of approx. 1 to 1.25 km. Both these areas are explored by Geological Survey of India. In F.S. 2021-22, DGM Maharashtra completed preliminary stage of exploration in Ambiwali- Kante block where the resource estimation was carried out for Bauxite and Aluminous laterite as per existing norms. Total Bauxite resources for all grades have been estimated as 2.8512 MT, with an average thickness of 5.9m and an average grade of 39.22% Al₂O₃. The resource of Aluminous

		<p>laterite is calculated as 8.40 MT with an average grade of 33.22 % Al₂O₃ and an average thickness of 4.78m. This block is 2 km away from proposed block.</p> <ul style="list-style-type: none"> Based on exploration work carried out as mentioned above this area is proposed for G3 level exploration as per the Minerals (Evidence of Mineral Contents) Rules-2015, Mineral (Auction) Rules-2015, and MMDR Amendment Act-2015, to facilitate the Government of Maharashtra in auctioning the block.
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