

INSPECTION CUM SCRUTINY COMMENTS IN RESPECT OF MANGOTOPE MANGANESE MINE OVER AN EXTENT OF 10.522 HA IN SY.NO. 798 OF GARBHAM VILLAGE , MERAKAMUDIDAM MANDAL, VIZIANAGARAM DISTRICT PERTAINING TO M/s MAHALAKSHMI MINERALS

GENERAL

1. Copy of professional experience of five years of working in a supervisory capacity in the field of mining of the Qualified person be enclosed.
2. Each page of the document be signed by the Qualified person
3. Para nos be given as per the format given in the guide lines
4. Full Postal address along with Pin code be furnished on the cover page. The address of Qualified Person be checked. The addresses be accompanied by Email id and contact no.
5. The Rule quoted on the cover page (17(3) and the Rule mentioned in the preamble 17(1) differ. The relevant Rule as applicable be mentioned.
6. The Mining lease period is valid up to July, 2017 but the mining proposals have been given up to 31.3.2022. In this regard it is reported that a request has been made to the State authority to issue deemed fit order by extending the lease period upto 14.7.2047.as per the Section 8A(6) of the Mines and Minerals (Development and Regulation) Amendment Act,2017. In the absence of any such order of validation of the lease, the proposals made in the document beyond the existing lease period cannot be considered.
7. The Text be properly referred to the relevant Annexure and Plates wherever required.

Text:

Para 1.0(F) Period for which mining lease is required: The period of the lease be mentioned as per the above comment.

Para 1.0(G) Name of the recognized Person: The 'Recognised Person' be replaced with 'Qualified Person. The Rule 42 of MCDR, 1988 be replaced with the Rule 15 of MCR, 2016.

Para 2.0 A ii) Lat/Long: The datum of Geo coordinates be mentioned.

Para 2.0 A) iv & v Period and Expiry date: The period and date of Expiry be mentioned as per the comment at 60.

Para 2.0 B) vii) Existence of Public Road/ Railway--- The Road connectivity distances to the ML area are missing.

Para 3.1 Date and references of approval of ---: The relevant annexure for the letters referred have not been mentioned.

Para 3.2 Details of last modifications-----: The modifications to approved Scheme of Mining vide Ir.no. Ap/VZNR/?MS/Mn-32/Hyd dated 1.6.2015 be mentioned with the reasoning.

Para 3.3 Review of Excavation: The development proposed during 2012-13 be properly spelled out.

Para 3.4 Give Status of Compliance: The violations pointed out and compliance thereof during the preceding Scheme period be furnished in Tabular form by mentioning the violation of Rules and the replies there of be referred as annexures.

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Part-A

Para 1.0 A) Briefly describe the topography, drainage pattern-----: This para has not been dealt as per the guidelines.

Para 1.0 B ii): Local Geology: As per the field conditions, there is no incidence of Red loam in the subject mine. The formation be modified accordingly.

Para 1.0 E ii) No. Boreholes indicating type -----: The year wise breakup of the Boreholes drilled be given.

Para 1.0 H. Geological Sections-----: It is mentioned that the sections have been drawn at an interval of 30m. In fact the section interval ranges from 25 -60m.

Para 1.0 I. Broadly indicate the future programme-----: The year 2015-16 may be corrected. The purpose of drilling of PBH-2 to PBH-4 does not serve much purpose since these are far off from existing orebody on the hanging wall side and instead these holes be moved little closer to the contact of the ore body or the holes be converted into inclined holes.

Para 1.0 J. Reserves and Resources as per UNFC-----: Since the Borehole interval is ranging from 16-40m and Scale of exploration may be designated to be of G1 scale of exploration. The category of the deposit is mentioned to be Type-IV but as per the Minerals (Evidence of Mineral Contents) Rules, 2015., the category is Type-II. The Royalty figure (Rs.68/-) mentioned in the Feasibility axis be checked. The prevailing Royalty rate be given.

Para 2.0 (B) Year wise tentative Excavation: The ROM to waste ratio be checked once. In spite of existence/measured overburden, the ROM/ waste ratio is reported zero.

Para 2.0 (C) Enclose the year wise development-----: The earmarked yearwise development cum production area be defined by the coordinates.

Para 2.0 (E) Enclose the year wise development-----: This para may be elaborated by citing relevant Plates and Annexures.

Para 2.0 (F) Conceptual Mine Planning: The proposed exploration be reviewed as per the comment vide para 1.0.I. The mineral rejects need to be separately stacked. Accordingly the provision for the stacking the mineral reject be made. The existing quantity of waste material has not been quantified which should be in conjunction with degraded land and production achieved so far. The same may be shown in the relevant plan. The OMS 1.5 T/day appears to be on higher side.

Para 4.0 (A) Indicate briefly the nature of top soil-----: The asterisk symbol in the table has not been defined. In the instant case the intercalated waste in the ore zone is being defined as mineral reject and which need to be separately accounted for.

Para 5.0 Use of Mineral and Mineral reject.-----: The names of consuming industries and their specifications be furnished.

Annexures:

Annexure nos. be properly given and these be addressed at relevant places in text.

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Plates

None of the Plates have been certified and signed by the Qualified Person.

Plate-I (Key Plan): Approach road to ML area has not been shown.

Plate-II (Lease sketch): A legible lease sketch be furnished.

Plate-III (Surface Plan); The name and signature of the surveyor who has carried out the survey work should be furnished. All the Geo Coordinates be furnished in WGS-84 as certified by the State authority. The Plan has not been certified by the qualified Surveyor for its correctness. Mango garden as indexed in the Plan does not exist as on the date of inspection. The existing dump as shown in the plan does not match to the ground conditions.

Plate-IV(Geological Plan): The Scale of exploration as per the comment vide para no 1.0.J The proposed Borehole locations also be changed as per the comment vide para no.1.0.I. The financial year for the proposed boreholes be indicated.

Plate-IV A(Geological Sections): The Scale of exploration be changed as per the above. The proposed boreholes also be marked..

Plate-IX (Environment Plan): The contour lines be extended upto 60m line of the buffer zone. Approach road upto the mine has not been shown..
