

Scrutiny comments on examination of Review of Mining Plan in respect of Parameswari Manganese mine of M/s S.K.Sarawagi & Co. (P) Ltd over an extent of 9.356 Ha situated in Sy.no. 29(P), 30/2 & 30/3 of Pedanadipalli Village, Chipurupalli Mandal, Vizianagaram Dist. of Andhra Pradesh State submitted under Rule 17(2) of MCR, 2016.

Date of Inspection: 1.2.2018

Inspecting officer: Ch.Suseela, AMG.

Accompanying officials: Shri Ashok Konda, Nominated Owner and Dr.B.S.Ganga Rao, Qualified Person.

General:

1. In the cover page, the Progressive Mine Closure Plan submitted under Rule 23 of MCDR, 2017 should be furnished. The mine details like mine code and IBM Registration No. also be furnished
2. It has been observed that the shape of the lease sketch submitted along with the last approved document and lease sketch submitted in the present document are different. Both the lease sketches are signed by the concerned ADMG's. Owing to this, we are unable to assess the correct sketch. It is therefore requested to kindly confirm the shape of the correct lease sketch along with the cadastral Plan showing the details like Sy.nos etc from the Director of Mines and Geology.
3. Further, the Plans and sections are not in conformation with the Lease sketch and incidentally the present lease sketch has not been authenticated by the competent authority and it was simply attested.
4. Please justify for non submission of the Scheme of Mining for the lapsed period i.e.,2013-14 to 2017-18.
5. In page no.2, it is stated that Form-J has been submitted to IBM for conducting core drilling. However the same has not been submitted to this office. Please submit Form-J and Form-K for the exploration carried out which was the basis for assessment of reserves.
6. Form-K submitted have not been signed by the Geologist for its correctness.
7. In Para 3.1, details of the earlier Mining Plan/ Scheme of Mining should be given from the first approved document.
8. Para 3.4, the violations and compliance thereof during the review period be furnished in Tabular form. The copies of relevant violations and replies and mode of compliance there of be furnished and the same should be annexed.

PART-A

9. Para 1 (i) (Broadly indicate the future programme of exploration---): Under Rule 12(4) of MCDR, 2017, in case of existing mining leases, detailed exploration (G1 level) over the entire potentially mineralised area under the mining lease shall be carried out within a period of five years from the date of commencement of these rules. Accordingly, a purpose oriented/need based exploration be proposed in the mineral bearing area. In case of inclined boreholes, the direction of inclination (Azimuth) be indicated. Lithology of the trail pits and chemical analysis of the samples drawn from the trail pits should be furnished.
10. It is stated that the proposed exploration programme has already informed to IBM. However, the same has not been informed to IBM. Form-K in respect of DTH-1 is missing.
11. Para 1.0 J) (Reserves and Resources-----):
 - 1) The type of the deposit be properly classified/identified as per the norms of Mineral (Evidence of Mineral contents) Rules 2015.
 - 2) The scale of the exploration be marked on the Geological Plan and in the Geological Sections.
12. Para 1.0 k) (Furnish detailed calculation of reserve -----) : In reserve estimation table, the reserves have been estimated under 121 by considering the depth beyond G1 scale of exploration. The reserves have to be estimated up to the proved depth only. In Geological sections also, the mineralization

should be shown up to the proved depth. Therefore, all Reserve/Resource need to be reassessed and the sections are to be redrawn. The basis of grade wise recovery and sub grade estimation has not been spelled out.

13. Para 1.0 l) (Mineral Reserves/ Resources-----) It is stated that the reserves estimated based on exploration conducted with 5 trail pits, 6 core bore holes and 7 DTH boreholes which is contrary as the same has been furnished as 4 trail pits, 4 DTH bore holes and 15 core bore holes in para 1.0 k. Please give the correct figures.
14. Para 2 A (Briefly describe the existing as well as proposed method-----): It is observed in the field that the width of the benches is less than the height. The corrective measures be proposed with time frame. The pit dimension should be maintained as per the statute. The slope stability study should be proposed during this plan period.
15. Para 2 d) (Describe briefly giving salient features---): The proposed bench height and width be checked once. The width of the bench should be more than the height of bench.
16. Year wise working plans and sections may also be redrawn after modifying the Geological plan & sections.
17. It is observed in the field that the waste dump is crossing the lease boundary between BP No.18 and 19.

Annexures:

No Numbers were given to the Annexures submitted with the text.

Annexure VIII: The NABL accreditation validity is missing.

Annexure X & XI : None of the Form-K's have been signed/certified by the competent person. The chemical analysis column is kept blank. Litho logs of trail pits not appended.

PLATES

All the Plans and sections are to be prepared as per the latest lease sketch certified along with the Geo coordinates of all the boundary pillars by the competent authority.

1. Plate-I Key plan : Plate no. has not been given. The Plan should be as per the provision of Rule 28 of MCDR,2017, the area of 5 KMs around the lease area should be considered and all the details within this area as per statute should be incorporated. The existing mines within 5km radius be shown. The extremities of the coordinates have not been drawn.
2. Plate- (Lease sketch): It has been observed that the document has been submitted on a sketch different from the sketch submitted earlier for approval. However, no Government order to this effect has been submitted. The other Plans prepared based on such lease sketch does not serve any purpose.
3. Plate-II A (Surface Plan): Signature of the Surveyor is missing. Surveyor certificate no. has not been furnished.
4. Plate-III Geological plan: The scale of exploration has not been marked. Only one colour should be given to already drilled bore holes. UPL also should be marked.
5. Plate-III A Geological Sections : No code should be assigned to the mineralized area beyond proved depth. UPL should be marked up to the proved depth only. Index is missing .
6. Plate-IV Development & Production Plan : Year wise development and production should be shown with different colours in the index.
7. Plate IV A Development & Production Sections : UPL should be marked up to the proved depth only. No code should be assigned to the mineralized area beyond proved depth.
8. Plate VI Financial Assurance Plan : Financial Assurance table should be pasted on the plan.
Plate-VIII Environment Plan: Prominent wind direction has not been shown. Magnetic North and index should be shown.



GOVERNMENT OF INDIA
MINISTRY OF MINES
INDIAN BUREAU OF MINES
Office of the Regional Controller of Mines

No. AP/VZNR/MP/Mn-80/HYD

6th Floor, CGO Towers,
CGO Complex, Kavadiguda,
Secunderabad- 500 080, AP.
Date:

To
Ashok Konda, Nominated Owner,
M/s S.K.Sarwagi & Co Pvt. Limited,
Sarawagi House, Kaspas Street,
Cheepurupalli-532128,
Vizianagaram district, Andhra Pradesh.

Sub: Submission of Review of Mining Plan in respect of Parameswari Manganese Mine for area over an extent of 9.356 ha in S.No. 29/P, 30/2/P & 30/3/P of Pedanadipalli village, Chipurupalli (M), Vizianagaram dist., of Andhra Pradesh State under Rule 17(2) of MCR, 2016.

Ref: Your letter no. Nil dated 22.1.2018.

Sir,

With reference to your letter cited above on the subject, the site inspection was carried out on 1.2.2018 by Smt.Ch.Suseela, AMG accompanied by Sri.Asok Konda, Nominated Owner and Dr. B.S.Ganga Rao, Qualified Person. The draft Review of Mining Plan has since been examined and found certain deficiencies in the form of Scrutiny Comments as given in Annexure. The scrutiny comments have already been forwarded on your e mail id: asokkonda@sarawagi.com and Qualified person's mail id bsgangarao@yahoo.com as submitted in the document.

02.You are advised to attend the above deficiencies as per the annexure and resubmit the document complete in all respects in three bound copies along with soft copy in the form of CD (2 Nos.). In this regard you are directed to submit the Financial Assurance in the form of Bank Guarantee for the area put on use for Mining and allied activities at Rs. Three lakhs/hectare for category 'A' mines provided that the minimum amount shall be Rs. Ten lakhs as per the provision of Rule 27 of MCDR, 2017 only at the time of submission of final copies of the document.

03. The para-wise clarification & the manner in which the deficiencies are attended should be given while forwarding modified document.

Yours faithfully,

Encl:a/a

(Pankaj Kulshrestha)
Controller of Mines

Copy : Dr.B.S.Ganga Rao, Qualified person, L-1, Meher Apartment, VIP Road, CBM Compound, VISAKHAPATNAM-530003

(Pankaj Kulsreshtha)
Controller of Mines

N.O.O:

Copy to the Controller of Mines (SZ), IBM, Bangalore, Karnataka, for kind information,

(Pankaj Kulsreshtha)
Controller of Mines.

