Inspection report cum scrutiny comments in respect of Modification of approved mining Plan of Mandadi Limestone mines of M/s KCP Limited over an area of 50.41 ha situated in Sy. no. 673,675,676 & 689/2-16 of **Mandadi block-II Reserve forest**, Mandadi village, of Veldurty (M), in sy. no. 656/11-B8 in Polepalli Village in Durgi Mandal and in sy. no. 875(P) of Mandadi village, of Veldurty (M) of Guntur district of Andhra Pradesh.

Gen	eral	
1	Lease period as per G.O order 15.10.20105, is expiring on 19.09.2017, but order from State	
	government for extension of lease period for subsequent period should be submitted.	
2	The document should have been submitted as "modification to the approved mining plan" under rule 17(3) of M(OHEM)Rules 2016 instead of Review of mining plan as the lease period is extended. Accordingly the same should be modified in letter, certificates, plates and in relevant part of the document.	
3	Sub rule and rule of M(OHEAM)C Rules 2016 under which the document submitted should be furnished in cover page relevant para etc	
4	Proposed Plan period should have been furnished as 2017-18 (from 19.09.2017 to 31.03.2018) to 2021-22.	
5	Lease area is situated in sy. no. 673,675,676 & 689/2-16 of Mandadi block-II reserve forest, Mandadi village, of Veldurty (M), in sy. no. 656/11-B8 in Polepalli Village in Durgi Mandal and in sy. no. 875(P) of Mandadi village, of Veldurty (M) of Guntur district of Andhra Pradesh. The above details should be incorporated in cover page.	
5A	All the tables should be serially numbered and index of the same should be submitted.	
6	Total forest land is furnished as 34.82, but additional area of 1.14 ha forest land is not included, which needs correction.	
7	The new MC&D Rules had been notified in March 2017 whereas in certificate furnished by qualified person is for observance of MCDR,1988 in the document. The qualified person should be updated and prepare the document in compliance of the new MCDR, 2017 and submitted.	
8	The person who is signing the document should be nominated by the board of directors of the company, copy of the resolution of board of directors should also be submitted.	
9	Introductory chapter submitted should clearly spell out the mining history, company details, its captive plants, future plans if any may be given. Also specifying various statutory clearances like, EC, FC, CTO, Consent To Establish etc. in respect of the total lease area, may be given with documentary evidence.	
10	There are contradictory statements, like amalgamation of four leases in to one lease instead of three leases, etc. has been furnished in the document, which needs correction.	
11	The details in the document should be furnished as per the format of "IBM manual for appraisal of mining plan 2014" only. For ex. owner of the lease is furnished in page no.4, which is not as per the format.	
12	The details of earlier approved MP/SOM/MMP etc. should be furnished since from the beginning in tabular form for easy reference.	
13	Latitude & Longitude of all the ML pillars should be furnished in page no.6 in para 2.c.	
14	Colour photographs should be submitted instead of xerox copy.	
15	CCOM circular regarding geo reference cadastral map of the lease area should be implemented.	
16	Documentary proof in respect of permanent and present address of the person signing the	

	document should be enclosed.	
17	Valid photo identity proof and address proof (present & permanent) of the person signing the	
-,	document should be submitted.	
Revi	iew of approved modified mining plan	
18	Review of earlier approved proposal should be furnished in to-to along with the reasons for	
10	deviations if any.	
19	Review should carried out for the last review period only, i.e. 2017-18 (up to 19.09.2017) only.	
20	Copy of Form-J, Form-K in respect of bore holes drilled duly signed should be submitted	
21	1 7 0	
21A	blending without getting diluted with bottom shale, but the work done against it is not reviewed. Working has been carried out with 7.5 meters safety zone of the lease area, which need	
217	justification.	
22	Some colour photograph covering mining operations including quarries, waste dumps, sub-grade	
22	stocks, haul road, processing plant, protective measures like retaining wall, check dam and	
	garland drain, settling pond etc. and other area details are not enclosed.	
23	Review of progressive mine closure proposal should be carried out and submitted with supporting	
23	document.	
24	Review on afforestation proposal submitted is incorrect,	
25	Para 3.6.0 should be modified in view of content at sl. No.2.	
	Tara 5.0.0 should be mounted in view of content at st. 140.2.	
Geol	OGV.	
26	Part of pink limestone is reported to be of sub-grade as per approved document, but the details of	
20	the same is not incorporated in the document.	
27	Bore holes/ trenches carried out earlier in the lease area should be given in tabular form	
21	incorporating year of exploration, no. of bore holes/ trenches, max./min. depth drilled, total	
	meterage, remarks etc.	
28	Page no.15, expenditure incurred in respect of exploration carried so far should be furnished in	
	addition to the details furnished.	
29	Copy of analysis report from NABL lab should be submitted for supporting the data furnished in	
_,	page no. 14 & 15	
30	Area explored under G1,G2,G3 level of exploration should be furnished in tabular form with bore	
	hole grid interval.	
31	Ore between 14.95% -18% SiO2 has not been considered as sub-grade ore, which cannot be	
	acceptable	
32	Reserves and resources should be reassessed based on actual field condition, bore holes drilled as	
	per content at sl.no.26	
33	UNFC code should be depicted in geological plan and section	
34	Reserves should have been arrived as on date by considering the reserves of earlier approved	
	document deducting the production achieved during that plan period and by adding additional	
	reserves established based on exploration carried out if any.	
35	Different varieties of limestone is observed in the lease area, analysis of the same should be	
	furnished for easy reference.	
MIN		
36	Status of present mining in the lease area should be furnished, incorporating details dimension of	
	quarries, no. of benches in ore and waste with their height and width etc. may be given in para	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

	2.A.a.	
37	Layout of mine workings has not been described.	
38	Production proposal should be modified so that remaining reserves could be exploited within this plan period and mine closure activities could be started as early as possible. Relevant para should be suitable modified.	
39	Year wise proposal should have been submitted as 19.09.2017 to 20.17-18 (for first year)	
40	Production proposal should have been submitted from one end of lease to other end so that closure activities can be started as early as possible.	
41	Excavation proposal of 'pink Limestone' from pit bottom for its utility for blending and stocking separately as per revised threshold value of limestone should be furnished.	
42	It is stated that a drain channel is proposed to divert storm water, but the details of the same has not been furnished in the text and depicted in relevant plans and sections.	
43	Waste dumping has been carried out over mineralised area, which needs to be re-handled for excavation of ore beneath it; accordingly dump re-handling proposal should be furnished.	
44	Computation of machinery requirement should be modified in view of comment at sl. No. 37.	
45	Ore was observed dumped in waste dump yard, its quality & quantity should be assessed and recovery of the same by re-handling the dumps should be furnished.	
46	Depth of bore hole considered for 6 m bench height is 6 m, which is impractical, sub-grade drilling of 10% of bench height has to be taken in to consideration, accordingly computation made should be modified for Drilling machine.	
47	Spacing of bore holes considered is on lower side, which needs correction.	
Con	ceptual plan	
48	Conceptual plan should be modified in view of comment at sl. No.38.	
49	Life of the mine based on rate of exploitation should be furnished in page no.32	
50	Area broken up for pit development is submitted different at different para of the document, refer page no.33 (21.985 Ha), 66 (19.987 Ha)etc., which should be reconciled and submitted.	
51	Economic depth and UPL has not been determined for conceptual period, reclamation of complete mined out area has not been proposed.	
52		
53	Substantial quantity of resources have been blocked beneath the crushing & screening plant, aerial rope way, whereas its exploitation proposal in conceptual plan period should be furnished	
54	Reclamation and Rehabilitation details during conceptual period should be furnished.	
55	Economic depth and UPL has not been determined for conceptual period, reclamation of complete mined out area has not been proposed.	
56	Conceptual plan is sketchy, The ultimate pit design with no. of benches in OB and those in ore with their RL, extent with depth given are not based on geological and other statutory considerations. Ultimate pit limit has not been determined and has not been prepared as per procedures, guidelines, circulars issued by IBM from time to time.	
57	The existing dump with its extent, quantity accumulated, capacity and cumulative waste generated with its disposal. The sub grade mineral likely to be generated and blended with ROM/ to be stacked may be dealt with. Reclamation / rehabilitation/ backfilling method to be adopted in the	

	lease area, the area to be backfilled and RL of such area, plantation etc. for stabalisation should be	
58	Post mining land use of area should have been furnished.	
	We drive a second data to a local data to a lo	
59	Workings expected to be above / below from water table in coming years have not been furnished.	
60	Quantity and quality of water likely to be encountered / pumped out from pit have not been furnished.	
Stoc	king of mineral reject/ Waste and sub-grade stock.	
61	Para 4.0 is sketchy, and has not covered the lease area, which needs modification	
62	Present extent of waste dumps, ore stocks, sub grade ore stock present in the lease area with top	
	and bottom RL, quantity and quality in respect of ore stocks may be furnished	
PRO	OGRESSIVE MINE CLOSURE PLAN	
63	Environmental protective measures so far carried out in the lease area should be detailed in tabular form for clarity.	
64	Details of existing land use pattern of the lease area as per actual field condition should be furnished in page no.40.	
65	Review of earlier approved progressive mine closure plan in respect of protective measures like retaining wall, garland drain, settling pond, plantation, land use pattern, monitoring station etc. should be made and submitted.	
66	Mitigative measures to reduce air pollution, dust suppression, ground vibrations, noise, water furnished is general in nature and not site specific. Mitigative measures should be given in detail in quantitatively as per EIA/EMP approved by MOEF.	
67	Year wise proposal during plan period and upto conceptual plan period in respect of reclamation of land, programme of afforestation, stabilization and vegetation of waste dump, measures to control ground vibration, water regime etc. should be furnished.	
68	Progressive reclamation plan in para 8.3.0 is sketchy, as it is stated that final closure plan will be started after expiry of lease 2027, which cannot be acceptable. Reclamation and rehabilitation plan should be of progressive in nature and it has to be carried out regularly so that the final closure could be done at the expiry of lease period, accordingly proposal should be suitably modified. Page no.58 & 59, proposal of afforestation, reclamation, rehabilitation, protective measures etc. in dump management, worked out benches, backfilled area should be submitted year wise.	
69	Area considered for calculation of financial assurance is on lower side, which should be recalculated and submitted.	
70	Page no.66, broken up area for pit development as per approved plan was 34.578 Ha, but in the present submission the same is furnished as 19.987 Ha, which cannot be acceptable. As most of the lease area has already degraded due to mining and allied activities which needs recalculation of the area put on use and submitted as per actual field condition.	
71	Bank Guarantee amount for the area put on use should be calculated at the rate of Rs. 3.0 Lakhs per Hactare and its validity should be upto proposal period of 31.03.2022.	
72	Financial assurance submitted for the area put to use is having validity up to 27.12.2017 only, whereas for the proposal period of Mining Plan for the subsequent years has not been submitted.	
Feasibility report		
73 Name of the person prepared the feasibility report is not given		
74	The UNFC feasibility assessment report submitted not prepared as per UNFC guidelines.	
	and the property of the proper	

	Reclamation/ rehabilitation cost, closure cost and other important parameters not taken into account. Cash flow forecast, sensitivity analysis not given. Even the economic depth of mining		
	has not been determined.		
Plans	s and sections		
	Key plan should be submitted on survey of India to-po sheet no. with all the details incorporated		
75	as		
	per the provision of MCDR, 2017		
76	Cadastral map of the lease area should be submitted.		
77	Shape and size of lease area as per lease sketch is not matching with shape and size furnished. Plans and sections. As the lease sketch is the base plan, the lease area depicted in plan are		
	sections should be same as per lease sketch only.		
78	Different Color code is indicated for same litho unit in Geological plans & sections, which is		
	contradictory,		
SUR	FACE PLAN		
79	Surface plan should be updated on quarterly basis as this being category -A fully mechanized		
	mine as per the provision of MCD Rules 2017 and submitted.		
80	Mines Manager and Mine Surveyor should put their sign in plans and sections with date. Surveyor		
	certificate number should also be mentioned.		
81	Standard symbols and colour scheme has not been used for preparation of plans and sections.		
82	Forest land, Non-Forest land, diverted forest land, surface right area held etc. should be depicted		
	in surface plan for easy reference.		
Geol	ogical Plans and sections		
83	UPL should be furnished in Geological plans and sections.		
83	Litho units furnished in section are not matching with lithologs of bore hole submitted, which		
	needs correction		
85	Different zone of proved, probable reserve and other resources have not been marked on plan and		
	section based on exploration so far carried out as per UNFC norm. The lateral and depth wise		
	extension taken for marking such zone of mineral may be detailed text part also.		
86	All 3 axes of UNFC codes should be depicted in geological plans and sections.		
87	Longitudinal section should have been drawn for clarity.		
	wise development plans and sections		
88	Year wise development plans and sections should be modified in view of comment at sl. No.38 &		
	41.		
	ceptual plan		
89	Conceptual plan should be prepared as per the comment at sl. No.		
Encl	osure:-		
90	Copy of Authenticated lease map duly signed by state Govt. authority should be submitted.		
91	Some photograph covering mining operations, waste dumping, beneficiation operation, sub-grade		
	stocks and environment protective measures shouldbe enclosed		

Ge	General		
1	Lease period as per G.O order 15.10.20105, is expiring on 19.09.2017, but G.O. order from State		
	government for extension of lease period for subsequent period should be submitted.		
	Sy no. 674 is not part of the lease as per G.O order, but it is income.	cluded in the lease which has to be	
	excluded and authenticated map should be submitted.		
	G.O no.43, 25.01.2002- 18.10 Ha (19.09/2017)		
	(surrendered- 9.96 Ha, retained 8.14 Ha)		
	(Forest area of 1.41 Ha in retained area)		
	G.O no.24, 11.02.2003- 34.82 Ha (20.02.2023)		
	G.O no.292, 01.10.2003 -7.45 Ha (18.11.2023)		
	All the above G. O orders should be furnished.		
	G.O M no.281, 15.10.2005 for amalgamation of above lease area	s. (Annexure-I)	
	Amalgamation of above three leases to 50.41 Ha vide pro	•	
	25.05.2006 with co-terminus period as 18.09.2017 (Annexure-II)		
	Statutory clearances		
	EC	EC, 04.03.2005, 7.45 Ha- 0.10	
	FC	million tonnes (333 TPD)	
	CFE	EC, 25.06.2003, 34.98 Ha (Forest	
	CFO	land) - 0.6 million tonnes.	
		FC- 21.11.2002 (mining -33.82)	
		Ha)	
		Mineral transport- Rope way	
		(1200 TPD)	
		CTE- 11.03.2002.	
	The purpose of document, review of miningplan/ modification		
	to approved mining plan etc.	submitted as modification to the	
		approved mining plan under rule	

	17(3) of M(OHEM)Rules 2016 instead of Review of mining plan. Accordingly the same should be modified in letter, certificates, plates and in relevant part of the document.		
	Sub rule and rule of M(OHEAM)C Rules 2016 under which the document submitted should be		
furnished.	20.0017		
Proposed Plan period should be furnished as 2017-18 (from 20.0			
Mandadi village, of Veldurty (M), in sy. no. 656/11-B8 in Poler sy. no. 875(P) of Mandadi village, of Veldurty (M) of Guntur di details should be incorporated in cover page.	Lease area is situated in sy. no. 673,675,676 & 689/2-16 of Mandadi block-II reserve forest, Mandadi village, of Veldurty (M), in sy. no. 656/11-B8 in Polepalli Village in Durgi Mandal and in sy. no. 875(P) of Mandadi village, of Veldurty (M) of Guntur district of Andhra Pradesh. The above details should be incorporated in cover page.		
The details of lease area situated as per content at sl. No.3 should			
	The new MC&D Rules had been notified in March 2017 whereas in certificate furnished by qualified person is for observance of MCDR,1988 in the document. The qualified person should be updated and prepare the document in compliance of the new MCDR 2017		
	The details of expiry of lease period is furnished as 18.09.2017, but in annexure-I the same is		
The person signed the document has not been nominated by the board of directors of the company. Only the person authorised should be signed the document and submitted			
Introductory chapter should be incorporated, in which clearly spell out the mining history, company details, its captive plants, future plans if any may be given. Also specifying various statutory clearances like, EC, FC, CTO, Consent To Establish etc. in respect of the total lease area ,may be given with documentary evidence.			
There are contradictory statements like amalgamation of four lea	ases instead of three leases, etc.		
Expiry of lease period has to be furnished as per the G.O orders			
The details in the document should be furnished as per the format of "IBM manual for appraisal of mining plan 2014" only. Owner of the lease is furnished in page no.4, which is not required as per the format.			
Latitude & Longitude of all the ML pillars should be furnished should be pasted in Surface plan.	Latitude & Longitude of all the ML pillars should be furnished in introduction chapter and the same		
CCOM circular regarding geo reference cadastral map of the lea			
Documentary proof in respect of permanent and present address	*		
document should be submitted.	Valid photo identity proof and address proof (present & permanent) of the person signing the document should be submitted.		
Validity period of previously approved documents should be reference.	Validity period of previously approved documents should be furnished in tabular form for easy reference.		
Review of approved modified mining plan			
Review of earlier approved proposal should be furnished in to-t for easy reference.	o with reasons for deviations if any,		
Review should carried out for the last review period only, i.e. 2 19.09.2017 only.	017-18 should be furnished as up to		
Some colour photograph covering mining operations including	g quarries, waste dumps, sub-grade		

	stocks, haul road, processing plant, protective measures like retaining wall, check dam and garland		
	drain, settling pond etc. and other area details are not enclosed.		
	dram, setting point etc. and other area details are not encrosed.		
G	eology		
	Page no.15, expenditure incurred in respect of exploration carried so fatr should also be furnished in addition to the details furnished.		
	Bore holes/ trenches carried out earlier in the lease area should be given in tabular form incorporating year of exploration, no. of bore holes/ trenches, max. depth drilled, total meterage, remarks etc. And submitted meaningfully in the text.		
C	onceptual plan		
	Life of the mine based on rate of exploitation should be furnished in page no.32		
	Area broken up for pit development is submitted different at different para of the document, refer page no.33 (21.985 Ha), 66 (19.987 Ha)etc., which should be reconciled and submitted.		
	Economic depth and UPL has not been determined for conceptual period, reclamation of complete mined out area has not been proposed.		
	Conceptual plan is sketchy, The ultimate pit design with no. of		
	benches in OB and those in ore with their RL, extent with		
	depth given are not based on geological and other statutory		
	considerations. Ultimate pit limit has not been determined and		
	has not been prepared as per procedures, guidelines, circulars		
	issued by IBM from time to time.		
	The existing dump with its extent, quantity accumulated,		
	capacity and cumulative waste generated with its disposal. The		
	sub grade mineral likely to be generated and blended with		
	ROM/ to be stacked may be dealt with. Reclamation /		
	rehabilitation/ backfilling method to be adopted in the lease		
	area, the area to be backfilled and RL of such area, plantation		
	etc. for stabalisation should be given.		
3. 4	Post mining land use of area should have been furnished.		
M	INING Status of present mining of the loose area should be given		
	Status of present mining of the lease area should be given,		
	incorporating details no. of benches in ore and waste with their height and width etc. may be given in para 5.1.1.		
	Layout of mine workings has not been described.		
	Bore holes drilled in the lease area has not been depicted in		
	development sections for clarity.		
	we recognish sections for our uj.		

MINE DRAINAGE		
Workings expected to be above / below from water table in		
coming years have not been given.		
Quantity and quality of water likely to be encountered /		
pumped out from pit have not been given.		
Disposal of Waste and sub-grade stock.		
Present extent of waste dumps, ore stocks, sub grade ore stock present in the	e lease area with top and	
bottom RL, quantity and quality in respect of ore stocks may be furnished	•	
Para4.0 should be detailed and submitted		
Use of mineral		
PROGRESSIVE MINE CLOSURE PLAN		
Environmental protective measures so far carried out in the lease at	rea should be detailed	
quantitatively for clarity.		
Details of land schedule of the lease area should be furnished in para 1.0		
Review of earlier approved proposals of progressive mine closure plan in re	spect of protective	
measures like retaining wall, garland drain, settling pond, plantation, land us	se pattern etc. should be	
made and submitted.		
Mitigative measures to reduce air pollution, dust suppression, ground vib		
given general in nature and not site specific. Mitigative measures shoul		
quantitatively as per EIA/EMP approved by MOEF. Compliance of EIA/EM		
Year wise proposal during scheme period and upto conceptual plan period i	-	
of land,programme of afforestation, stabilization and vegetation of waste du	amp, measures to control	
ground vibration, water regime etc. may be given.		
Area considered for calculation of financial assurance is on lower	side, which should be	
recalculated and submitted.		
Bank Gaurantee amount for the proposal period at the rate of Rs. 3.0 L	akhs valid for proposal	
period should be submitted with supporting document.	. 27.12.2017 1	
Financial assurance submitted for the area put to use is having validity		
whereas for the proposal period of Mining Plan for the subsequent years has	not been submitted.	
Feasibility report		
Name of the person prepared the feasibility report is not given	IDIEC '11'	
The UNFC feasibility assessment report submitted not prepared as	-	
Reclamation/ rehabilitation cost, closure cost and other important parameters not taken into account. Cash flow forecast, sensitivity analysis not given. Even the economic depth of mining has		
not been determined.	inic depth of mining has	
Plans and sections		
Key plan should be submitted on survey of India to-po sheet no. with all the	details incorporated as	
per the provision of MCDR, 2017	details incorporated as	
Cadastral map of the lease area should be submitted.		
Shape and size of lease area as per lease sketch is not matching with shape	ne and size furnished in	
	Plans and sections. As the lease sketch is the base plan, the lease area depicted in plan and sections	
should be same as per lease sketch only.	F F	
Different Color code is indicated for same litho unit in Geological plan	ns & sections, which is	
contradictory,		

SURFACE PLAN		
Surface plan should be updated on quarterly basis as this is cate	egory –A fully mechanized mine as	
per the provision of MCD Rules 2017 and submitted.		
Mines Manager and Mine Surveyor should sign plans and	Mines Manager and Mine Surveyor should sign plans and sections with their seal and date.	
Surveyor certificate number should also be mentioned.		
Standard symbols and colour scheme has not been used for prepare		
Forest land, Non-Forest land, diverted forest land, surface right	area held etcshould be depicted in	
surface plan.		
Geological sections		
Litho units furnished in section are not matching with litholo	gs of bore hole submitted, which	
needs correction		
Different zone of proved , probable reserve and other resources		
section based on exploration so far carried out as per UNFC		
extension taken for marking such zone of mineral may be detailed		
All 3 axes of UNFC codes should be depicted in geological plan	s and sections.	
Longitudinal section should have been drawn for clarity.		
Conceptual plan		
Outline for consecutive five years period upto 20 years have		
not been incorporated in conceptual mining plan		
Enclosure:-		
Copy of Authenticated lease map duly signed by state Govt.		
authority should be submitted.		
Some photograph covering mining operations, waste dumping,		
beneficiation operation, sub-grade stocks and environment		
protective measures shouldbe enclosed		
Lease plan submitted is not legible.		
FEASIBILITY REPORT submitted is not being prepared as		
per UNFC guidelines.		
Compliance of conditions of vide this office letter no. MS/OTF-MECH/56-ORI/BHU/2010-11 dated		
24.01.2011, should be incorporated in introduction chapter.		
CCOM circular no. 2/2010 regarding geo-reference cadastral ma	p of lease area to be implemented.	
Copy of EIA/EMP approved by MOEF should be submitted.		
Annexure-16, 17 & 18 submitted is not legible		

DESCREPENCIES OBSERVED AFTER SUBMISSION OF FINAL FIVE COPIES IN RESPECT OF SCHEME OF MINING OF ORAGHAT IRON & MANGANESE MINES OF SHRI SYED ABDUL HALEEM OVER 25.847 HA IN SUNDARGARHDISTRICT OF ODISHA

1. Compliance to Scrutiny no.5 has not been carried out. ML pillar-A has not been posted as observed during field inspection, which is a starting point of lease area, then how the remaining pillars have been posted, which needs explanation.

- 2. There is a mismatch in respect of forest and non-forest area as per lease deed and stated in cover page. COVER PAGE SHOULD show forest area of 19.967 Ha and forest area of 5.888 Ha as per lease deed. Compliance to scrutiny no. 8 to be recheck.
- 3. Page 14, status of compliance in respect of violation pointed out by this office letter dated should be incorporate.
- 4. Area considered on Eastern side of village road is mineralized zone, basis of reserve estimation has not been detailed in text.
- 5. Compliance to Scrutiny no.24 has not been carried out.
- 6. Compliance to Scrutiny no.27 has not been carried out, reserves categorized under 121 have been considered under proved category, which cannot be acceptable.
- 7. In draft copy reserves have been estimated having more than 45% Fe and has asked to reestimate in resources, whereas in final submission, reserves estimated are not brought under any grade
- 8. Section 7 & 8 should be re-check, occurance of ore body is considered on western side of lease area, where as as per bore holes on western side the bore holes are negative. Reserves should be re-estimate.
- 9. Section 1, volume of waste considered is 30% of total excavation, which is too high and not matching with actual litho units shown, should be justified.

10.