

## Mevasa Block for Bauxite (Aluminous laterite)

**SHRI PATEL KAUSHIK KUMAR**

Plot No. 1148/A/1, Near Swaminarayan Temple,  
Sector-2/D, Gandhinagar-382007

Ref.No. : KP/2023-24/097Date : 25/01/2024

To,  
The Member Secretary  
Expert Appraisal Committee (EAC)  
Non-Coal Mining Sector  
MoEF&CC, Jorbagh  
New Delhi-110003

**Subject:** Regarding Submission of Additional details sought (ADS) reply for Mevasa Bauxite Mining Project, Survey No. 259 (IA/GJ/MIN/289746/2022), lease Area 8.7305 Ha, at Village Mevasa, Taluka Kalyanpur, District Devbhumi Dwarka, State Gujarat for obtaining Terms of Reference.

Dear Sir,

The proposal was enlisted in 11<sup>th</sup>EAC (Non-Coal Mining) meeting held during 1-2 March, 2023. The proposal was deferred through Minutes of the meeting of 11<sup>th</sup>EAC meeting- Additional details sought, subsequently the proposal get delisted.

Now the ADS reply is ready for submission, The query point along with its pointwise reply is given below:

S. No	ADS Points	Reply	Annexure
i.	The Ministry may seek comments from the ESZ Division of the Ministry regarding the distance of the Eco-Sensitive Zone (ESZ) from the mine lease area and also to clarify whether the instant mine falling within ESZ or not.	The Comments from the ESZ Division of the Ministry regarding the distance of the Eco-Sensitive Zone (ESZ) from the mine lease area and also to clarification whether the instant mine falling within ESZ or not: Ministry may have received the same from ESZ Division.	--
ii.	The PP also needs to submit the letter from State Forest department regarding the distance of ESZ from mine lease area with authenticated map.	No objection certificate (NOC) was obtained from Forest & Environment Department, Government of Gujarat, Gandhinagar dated 12.01.2024. According to this certificate the approximate distance from nearest declared Eco Sensitive Zone of Marine National Park & Sanctuary is <b>17 m</b> . The copy of the NOC certificate is attached as <b>Annexure 1</b> .	Annexure 1.
iii.	The Project Proponent needs to plan for backfilling and rehabilitation of mined out areas.	Backfilling and rehabilitation of mined out area is proposed, the details are given in <b>Annexure 2</b> .	Annexure 2.

We are submitting point wise ADS reply for the raised points for your kind consideration and enlisting of our proposal in upcoming EAC meeting for the grant of TOR.

Regards



Patel Kaushik Kumar



*Forests & Environment Department  
Government of Gujarat  
Gandhinagar*



*No Objection Certificate*

To  
**patel kaushikkumar**

Sub : No Objection Certificate  
Ref. : Your online application ID: GUJ/080120240887 Applicant Submit Date: 2024-01-08

This is regarding your online application for seeking No objection for your Project. The proposal has been examined and this is to state that approximate distance from nearest Declared Eco Sensitive Zone of Marine National Park & Sanctuary is 17 Meters. This activities to be taken up under the proposed project NOC is issued with the following conditions: 1. Boundary Pillars to be erected on demanded area. 2. Work Should be done in such a way that the flora and fauna not damaged. 3. Opinion of other applicable department shall be sought.

Date of Issue: 2024-01-12



e-signed  
**Deputy Conservator of Forests  
MNP-Jamnagar Forest Division  
MNP-Jamnagar**

## ADS III. THE PROJECT PROPONENT NEEDS TO PLAN FOR BACKFILLING AND REHABILITATION OF MINED OUT AREAS

### Reply:

- Backfilling and rehabilitation of mined area is proposed. As on date about 5066 m<sup>3</sup> top soil generated has already been utilized. During first to third year there will no top soil generation. Top Soil generation and its utilization during fourth to fifth year is given the next slide.
- The waste dumps during first to third year will temporarily stored at South West part of the lease area .
- During fourth and fifth year dumps will stored in west part of the lease area (with proposed production year I to III)
- Backfilling is proposed from fourth to fifth year.
- The total mined out area fully rehabilitated from reclaimed area (in hectares): 3.8998 Ha  
The area under water reservoir considered rehabilitated (in Hectares): 1.9285 Ha

# TOP SOIL MANAGEMENT

<b>Cumulative work done as on date</b>			
<b>S.No.</b>	<b>Top Soil generated (m3)</b>	<b>Top soil utilized (m3)</b>	<b>Top soil stored (m3)</b>
1	5066	5066	0

As per above table , it is clear that 5066 m<sup>3</sup> top soil generated as on date was already utilized. Further No top soil generation during I<sup>st</sup> to 3<sup>rd</sup> year

<b>Year wise proposal</b>			
<b>Year</b>	<b>Top Soil generated (m<sup>3</sup>)</b>	<b>Top soil utilized (m<sup>3</sup>)</b>	<b>Top soil stored (m<sup>3</sup>)</b>
1	0	0	0
2	0	0	0
3	0	0	0
4	1294	1294	0
5	3772	3772	0

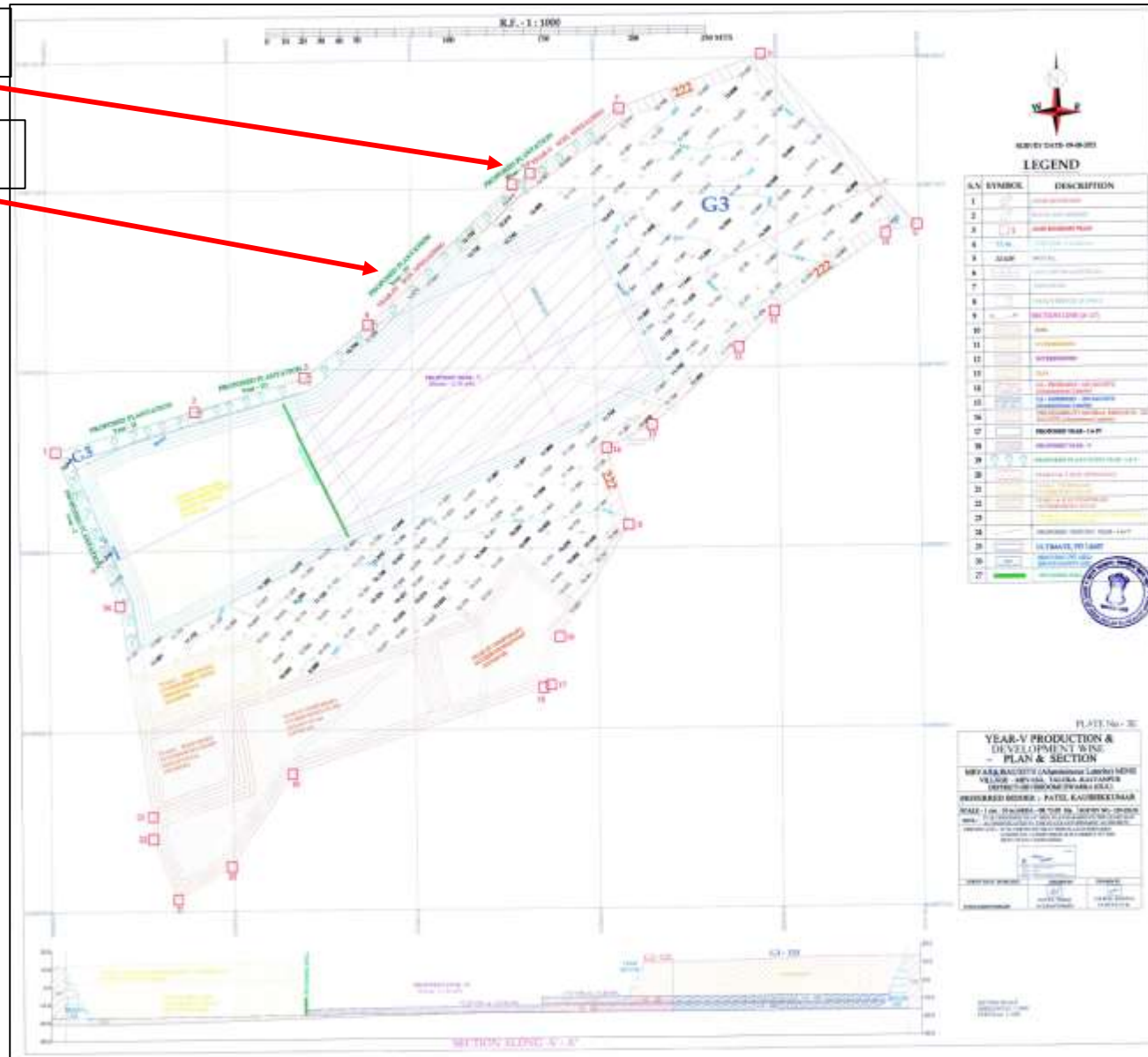
The top soil spreading is shown in the plate in the next slide during 3<sup>rd</sup> and 4<sup>th</sup> year

**Source:** Approved Mining plan

# TOP SOIL MANAGEMENT

V<sup>th</sup> year Soil Spreading

IV<sup>th</sup> year Soil Spreading



# WASTE DUMPS MANAGEMENT

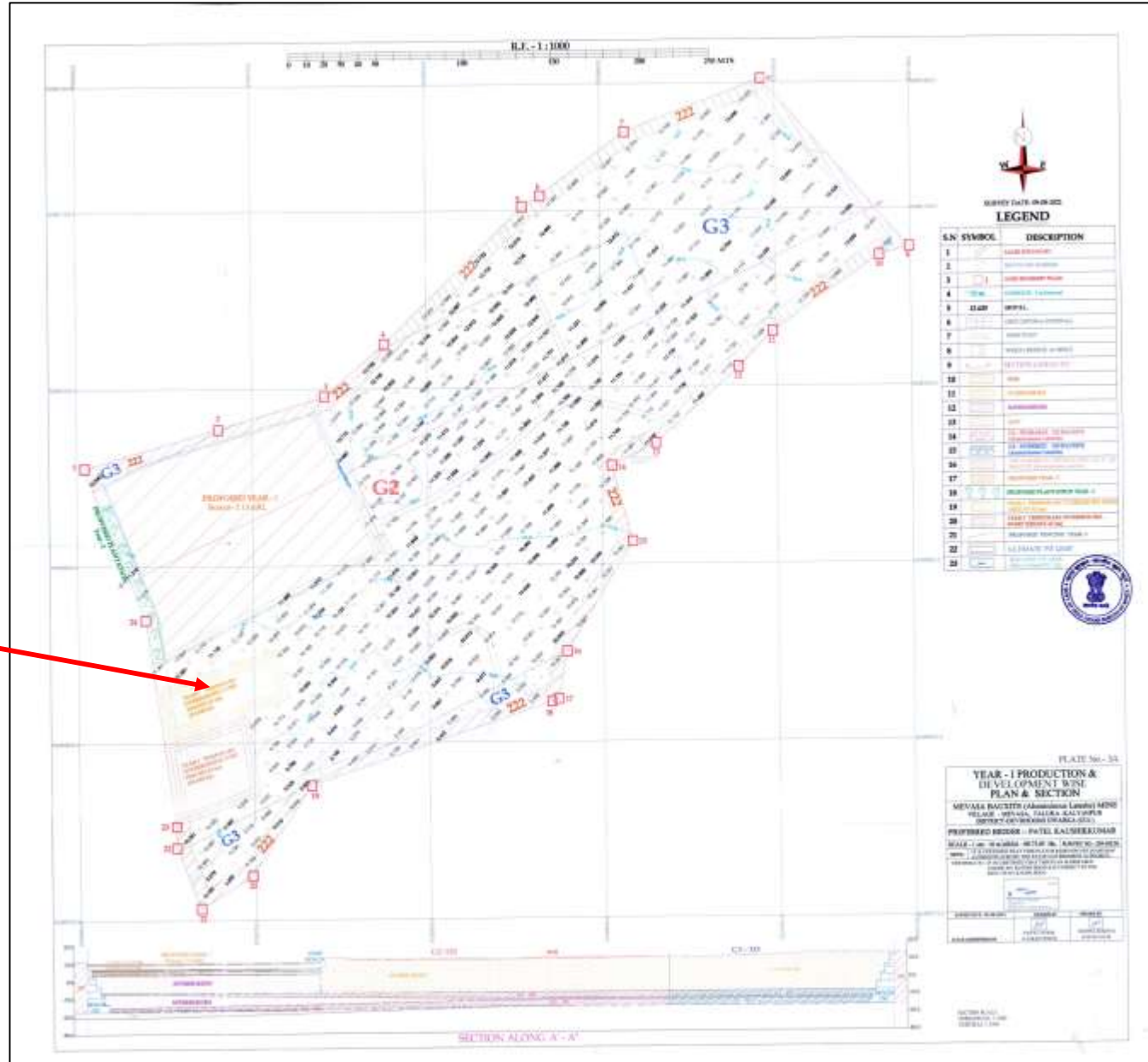
<b>Dumps</b>							
<b>S.No</b>	<b>Year</b>	<b>Dump ID</b>	<b>Type of Dump</b>	<b>Proposed Area (Ha)</b>	<b>Height (m)</b>	<b>Total dump quantity (m<sup>3</sup>)</b>	<b>New dump location</b>
1	I	Dump 1	Waste	4488	15	67320	South West
2	II	Dump 2	Waste	8481	15	127215	South West
3	III	Dump 3	Waste	4385	15	65775	South West
4	IV	Dump 4	Waste	10851	19.66	213331	West (within proposed production year I to III)
5	V	Dump 5	Waste	11892	10.05	119515	West (within proposed production year I to III)

<b>Backfilling -Year wise proposal</b>						
<b>S.No.</b>	<b>Year</b>	<b>Pit D</b>	<b>Area (m<sup>2</sup>)</b>	<b>Top RL</b>	<b>Bottom RL</b>	
1.	IV	Pit-1	10851	4.22	-9.34	
2.	V	Pit-1	11892	10.16	5.13	

**Source:** Approved Mining plan

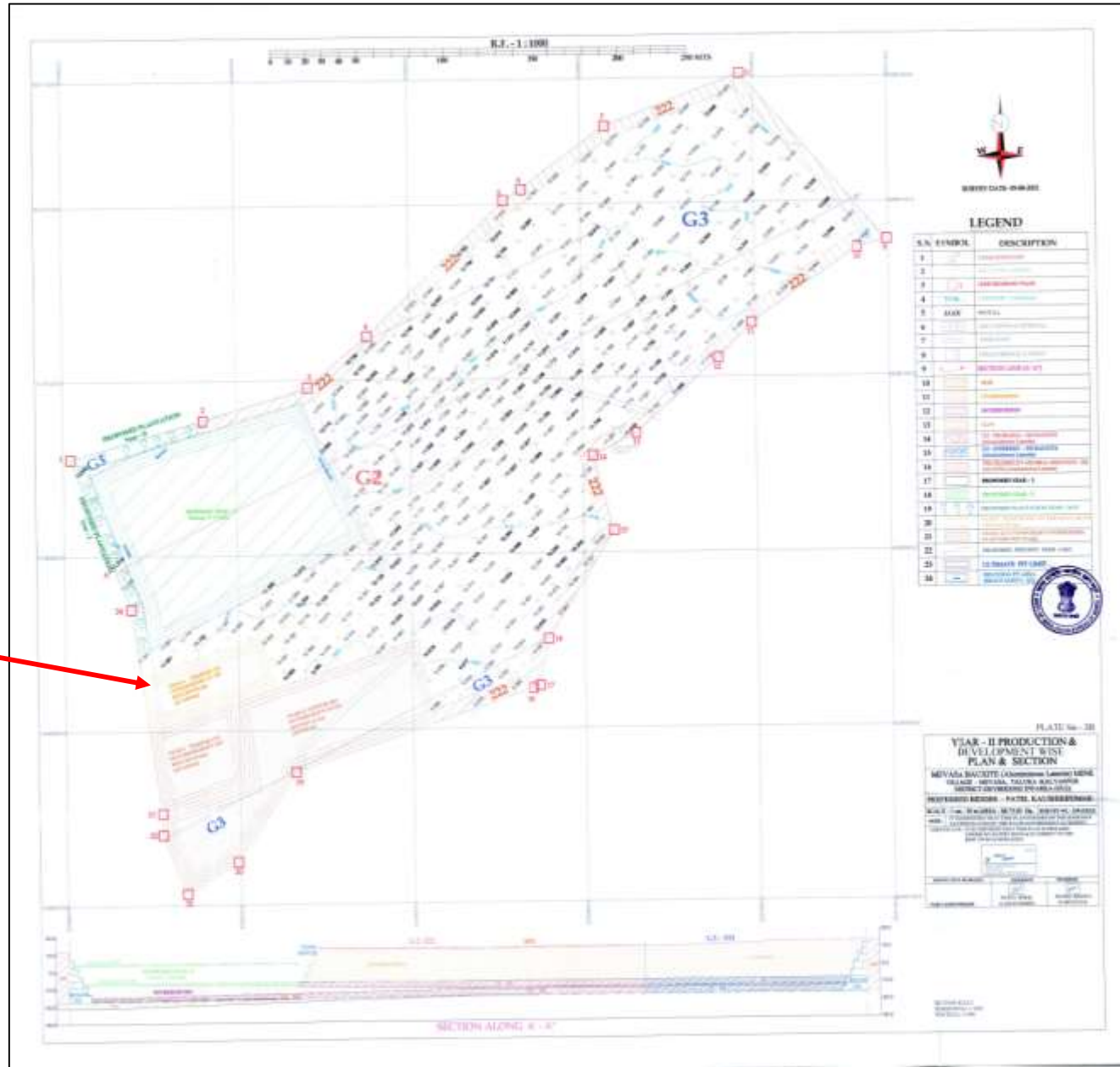
# WASTE DUMPS MANAGEMENT

Dump 1- First Year



# WASTE DUMPS MANAGEMENT

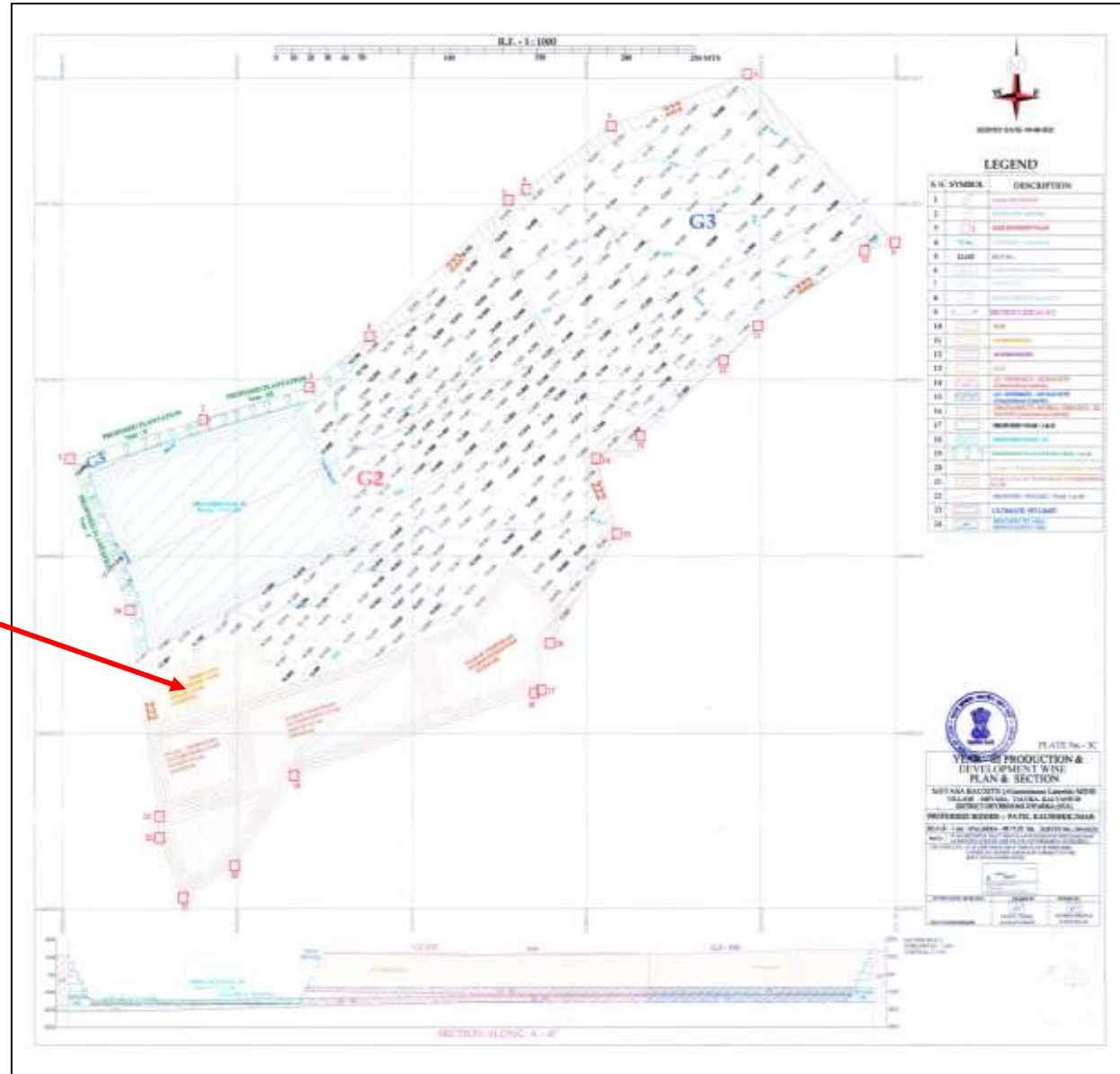
Dump 2- Second Year





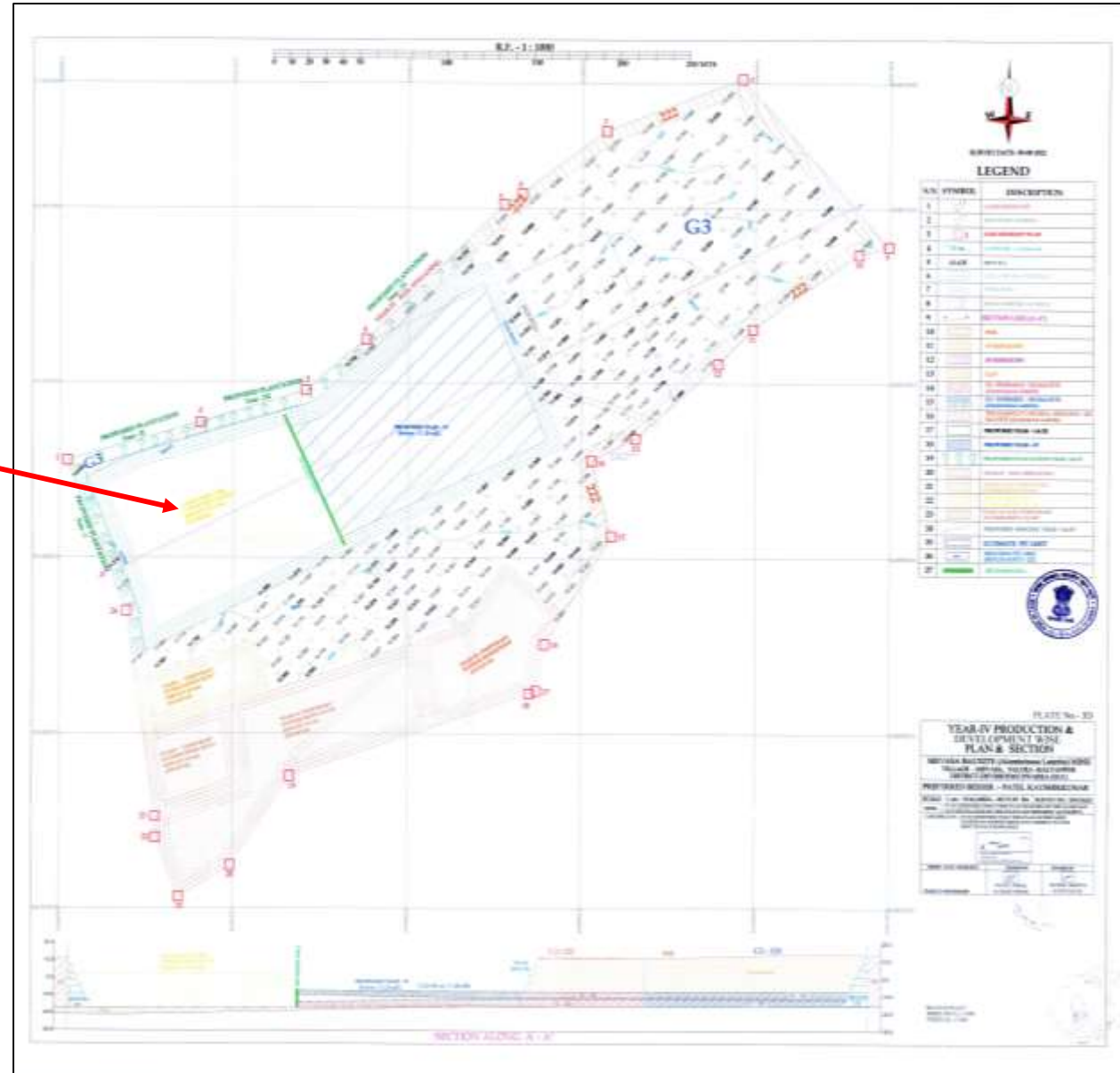
# WASTE DUMPS MANAGEMENT

Dump 3- Third Year



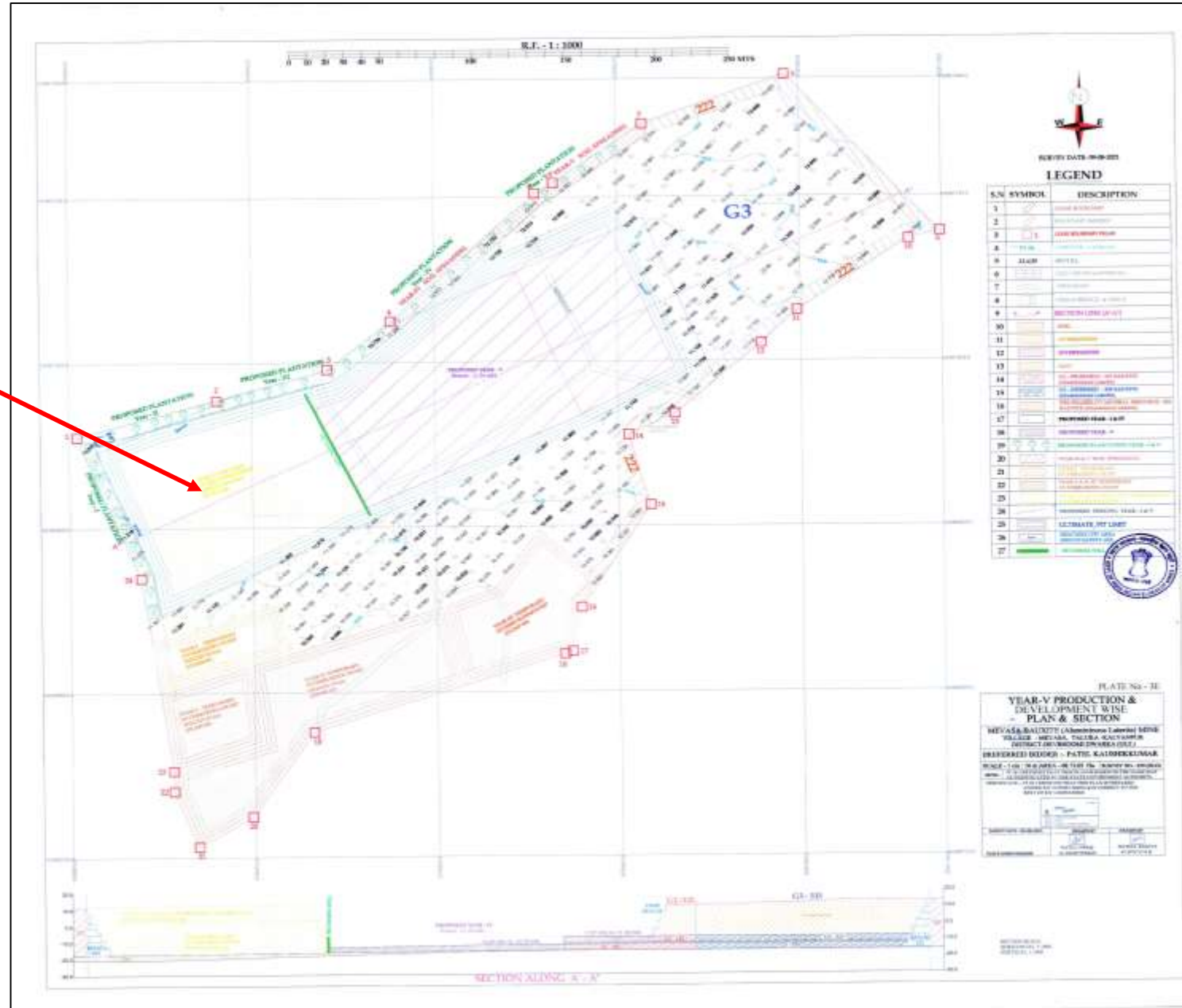
# WASTE DUMPS MANAGEMENT

Dump 4- Fourth Year



# WASTE DUMPS MANAGEMENT

Dump 5- Fifth Year



# CONCEPTUAL PLAN

Water reservoir

Reclaimed area after backfilling

