

PART-II

DISTRICT SURVEY REPORT (CHIRANG DISTRICT, ASSAM)

PREPARED:-

Under the provision of paragraph 7(iii) (a) of appendix-VII of the Notification dated. 15th January 2016 of MoEF&CC, bearing certain amendment in the EIA Notification 2006

**PREPARED BY
Chirang District Level Committee
For
District Survey Report of
Chirang District, Assam**

GOVERNMENT OF ASSAM

Forwarding

In pursuance of the Ministry of Environment, Forest and Climate Change (MoEF&CC), Government of India, Notification No. S.O. 141(E) dated 15.01.2016 (Appendix-X) and Notification No. S.O. 3611(E) dated 25.07.2018, the District Survey Report (DSR) has been prepared for the scientific identification, assessment and sustainable management of minor mineral resources within the district.

This District Survey Report (Part-II) of Chirang District, Assam has been prepared as a supplementary document to incorporate additional mining areas identified after preparation of the original DSR. The report includes proposals relating to river sand, river silt, gravel, stone, ordinary earth and other notified minor minerals, based on field verification and assessment by the District Level Committee.

The report has been prepared in accordance with the above notifications, the Sustainable Sand Mining Management Guidelines, 2016 (SSMG), the Enforcement and Monitoring Guidelines for Sand Mining (EMGSM), 2020, and the provisions of the Assam Minor Mineral Concession Rules (AMMCR), 2013, as amended from time to time.

The main objectives of the District Survey Report are to:

- I. Identify mineral-bearing areas suitable for sustainable mining.
- II. Delineate environmentally sensitive and prohibited mining zones.
- III. Assess the availability and distribution of minor mineral resources.
- IV. Promote scientific, sustainable and environmentally responsible mining while preventing illegal extraction.

Acknowledgments

The office of the Divisional Forest Officer, Chirang Division, Kajalgaon is highly grateful to Shri Akash Deep , IAS, Principal Secretary BTC, Kokrajhar cum Chairperson District Survey Report (DSR) Committee, Chirang District and all other Member of the Committee, We are also thankful to all the concerned officers and staff of the office of the Principal Secretary BTC, Kokrajhar for providing all the support needed to complete this District Survey report for Chirang District.

Divisional Forest Officer, Chirang Division, Kajalgaon appreciates the contribution of Range Officers, Beat Forest officers, Frontline Staff of forest Department, drivers on duty and local people, who directly or indirectly helped in carrying out the field studies.

This is an in-house prepared Final District Survey Report where in we acknowledge the help of **CPC Environment Solution Pvt.Ltd. Guwahati, Assam-781012** (our knowledge Partner) and its staff members who helped in shaping the report.



Divisional Forest Officer, Chirang Division
Kajalgaon, BTC , Assam
Cum
Member Secretary , District Level Committee
For DSR, Chirang District

Certificate

Certificate This is to certify that this Draft District Survey Report for Ordinary Sand/Gravel/Boulder mineral of Chirang district, is prepared in accordance with the prescribed procedure and format vide MoEF & CC Notification S.O. 141 (E), dated 15.01.2016, MoEF & CC Notification S.O. 3611(E), dated 25.07.2018. And is in accordance with the Sustainable Sand Mining Guidelines - January 2020 published by MoEF & CC. There is no discrepancy in information across all submitted documents including hard copy and soft copy of the submitted District Survey Report and whenever specific permissions are required, we will approach the concerned authorities i.e. State Level Expert Appraisal Committee (SEAC), Assam / State Level Environment Impact Assessment Authority (SEIAA). The information furnished in the Draft District Survey Report is true and correct to the best of our knowledge /findings.



Divisional Forest Officer, Chirang
Division, Kajalgaon,BTC ,Assam

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CHAPTER – I
INTRODUCTION
District Survey Report (DSR) Part-II for Minor Minerals
Chirang District, Assam

1.1 Statutory Framework

The preparation of the District Survey Report (DSR) is in accordance with the provisions of MoEF&CC Notification No. S.O. 141(E) dated 15.01.2016 and Notification No. S.O. 3611(E) dated 25.07.2018, read with the Sustainable Sand Mining Management Guidelines (SSMG), 2016, the Enforcement & Monitoring Guidelines for Sand Mining (EMGSM), 2020, and the provisions of the Assam Minor Mineral Concession Rules (AMMCR), 2013, as amended from time to time. The District Survey Report is a prerequisite document for identification, assessment, regulation and environmental appraisal of minor mineral mining activities within the district.

The District Survey Report for Chirang District was approved by the State Environment Impact Assessment Authority (SEIAA), Assam. Subsequently, additional mining areas for various minor minerals were identified based on field verification and proposals received from different agencies. Accordingly, this DSR Part-II has been prepared as a supplementary document to incorporate such additional mining areas.

1.2 Rationale for Preparation of DSR Part-II

After approval of the original DSR, additional areas suitable for extraction of river sand, river silt, gravel, stone, ordinary earth and other notified minor minerals were identified through field investigations and proposals received from Government departments, user agencies and private applicants.

The inclusion of these additional areas is necessary to meet the demand for minor minerals required for infrastructure development, public works, industrial activities, flood protection measures and other developmental projects, while ensuring scientific, environmentally sustainable and regulated mining practices.

Accordingly, DSR Part-II has been prepared as a supplementary document to the approved DSR for incorporation of these additional mining areas.

1.3 Characteristics of Proposed Mining Areas

The additional mining areas proposed under DSR Part-II exhibit the following general characteristics:

Sl. No.	Attribute	Description
1	Nature of Activity	Project-specific and requirement-based
2	Duration	Short-term or seasonal, wherever applicable
3	Location	Government Khas Land and Private Patta Land
4	Identification	Based on field verification and proposals from Government departments, user agencies and private applicants
5	Mineral Types	River Sand, River Silt, Gravel, Stone, Ordinary Earth and other notified minor minerals
6	Environmental Sensitivity	Subject to site-specific environmental conditions and statutory safeguards

Mining operations shall be carried out only after obtaining all statutory approvals and shall be restricted to the approved mining plan and environmental clearance conditions.

1.4 Land Status and Identification of Mining Areas

The proposed mining areas included in DSR Part-II comprise Government Khas Land and Private Patta Land. Ownership and land status have been verified through the concerned Revenue Authorities.

The mining areas have been identified on the basis of field surveys, proposals received from Government departments, user agencies and private applicants, and recommendations of the District Level Committee.

Joint field verification was carried out by representatives of:

- Forest Department
- Geology & Mining Department
- Revenue Department (Circle Office)
- Water Resources Department
- Other concerned departments, wherever required.

The verification included assessment of land use, accessibility, environmental sensitivity, proximity to habitations and public infrastructure, drainage characteristics and compliance with applicable statutory guidelines.

1.5 Environmental Safeguards

Mining activities proposed under DSR Part-II shall be carried out in accordance with:

- MoEF&CC Notifications S.O.141(E) and S.O.3611(E);
- Sustainable Sand Mining Management Guidelines (SSMG), 2016;
- Enforcement & Monitoring Guidelines for Sand Mining (EMGSM), 2020;
- Conditions stipulated in the Environmental Clearance and Mining Plan;
- Assam Minor Mineral Concession Rules (AMMCR), 2013, as amended.

Appropriate environmental safeguards including controlled excavation, protection of river morphology, slope stabilization, reclamation of mined areas and compliance with statutory environmental conditions shall be ensured during mining operations.

1.6 Scope and Applicability of DSR Part-II

The District Survey Report (Part-II) shall serve as a supplementary and addendum document to the previously approved District Survey Report of Chirang District.

The report incorporates additional mining areas identified after approval of the original DSR for river sand, river silt, gravel, stone, ordinary earth and other notified minor minerals. It supplements, but does not supersede or modify, the provisions of the original District Survey Report.

The objective of this document is to facilitate scientific, sustainable and environmentally responsible development of minor mineral resources while ensuring compliance with the applicable statutory provisions and environmental safeguards.

Chapter-2. Details of the Proposed Mining Areas in the Chirang District.

Table1: Details of Proposed Mining Leases in Chirang District- Govt. Khas Land area

Sl. No	Name of Permit Area	Total Area	GPS co-ordinates		River	Minor mineral	Remarks
1	Kanamakra river Stone & Sandgravel Mahal at Lakhipur	3.0	N-26°37'52.02" N-26°37'52.02" N-26°37'41.62" N-26°37'41.74"	E-90°34'29.66" E-90°34'33.40" E-90°34'31.61" E-90°34'34.65"	Kanamakra River	Stone & Sandgravel	
2	North Part of Laokriguri village	4.5	N-26°48'07.10" N-26°47'59.51" N-26°47'59.51" N-26°48'03.09"	E-90°25'47.81" E-90°25'53.83" E-90°25'49.41" E-90°25'42.93"	Bhur River	Sandgravel, Stone & Boulder	
3	Aie Powali Sand, Gravel Boulder River (South Side from the Bridge)	3.0	N-26°40'13" N-26°40'15" N-26°40'07" N-26°40'06"	E-90°29'06" E-90°29'11" E-90°29'13" E-90°29'09"	Aie Powali	Sandgravel, Stone & Boulder	
4	Taklai Aie at Malivita	5.0	N-26°48'49.64" N-26°48'51.01" N-26°48'04.25" N-26°48'02.64"	E-90°29'44.05" E-90°29'40.55" E-90°29'46.11" E-90°29'50.24"	Taklai Aie	Boulder, Sandgravel & Gravel	

Sl. No	Name of Permit Area	Total Area	GPS co-ordinates		River	Minor mineral	Remarks
5	Taklai Lankar at Amteka	5.0	N 26°42'57.15" N 26°42'45.53" N 26°42'43.22" N 26°42'54.95"	E 90°32'17.17" E 90°32'26.01" E 90°32'22.79" E 90°32'13.80"	Taklai Lankar	Boulder, Gravel, Sandgravel & River Silt	
6	Taklai Lankar Mahal at Koilamoila	5.0	N-26°42'05.69" N-26°41'51.11" N-26°41'53.41" N-26°42'06.23"	E-90°32'35.27" E-90°32'33.22" E-90°32'28.38" E-90°32'30.59"	Taklai Koilamolila	Boulder Sandgravel,Grave I & River Silt	
7	Sand Gravel & Boulder River Mahal at Deosri Aie powali	5.0	26°46'50.66"N 26°46'39.47"N 26°46'38.90"N 26°46'50.06"N	90°28'34.05"E 90°28'33.56"E 90°28'38.59"E 90°28'39.50"E	Deosri River	Gravel & Sandgravel	
8	Champabati Mahal No.11	2.5	26°31'12.57" N 26°31'09.93" N 26°31'10.36" N 26°31'07.72" N	90°23'52.00" E 90°23'51.32" E 90°24'00.25" E 90°24'01.81" E	Champabati	Sand,Stone, Sandgravel & Silt	
9	Champabati Mahal No. 10	2.5	26°32'00.60" N 26°31'59.39" N 26°31'53.37" N 26°31'51.21" N	90°22'56.75" E 90°22'55.07" E 90°23'08.84" E 90°23'08.10" E	Champabati	Sand,Stone, Sandgravel & Silt	

Sl. No	Name of Permit Area	Total Area	GPS co-ordinates		River	Minor mineral	Remarks
10	Bhur Mahal at Bhur River	5.0	26°48'35.37"N 26°48'26.14"N 26°48'23.57"N 26°48'32.31"N	90°25'41.39"E 90°25'47.31"E 90°25'42.90"E 90°25'36.60"E	Bhur River	Stone ,Boulder Sand	
11	Aie River Mahal	5.0	26°46'20.78"N 26°46'9.50"N 26°46'9.43"N 26°46'20.58"N	90°28'35.91"E 90°28'35.72"E 90°28'40.62"E 90°28'41.25"E	Aie River	Stone, Boulder & Sandgravel	
12	Ambari Mahal	5.0	26°48'38.38"N 26°48'36.54"N 26°48'47.87"N 26°48'49.67"N	90°28'58.84"E 90°29'3.09"E 90°29'8.92"E 90°29'4.71"E	Aie River		
13	Bhur River Mahal (Deosri)	5.0	26°46'3.37"N 26°46'4.44"N 26°46'17.58"N 26°46'16.21"N	90°27'16.58"E 90°27'20.62"E 90°27'15.08"E 90°27'11.12"E	Bhur River		

Sl. No	Name of Permit Area	Total Area	GPS co-ordinates		River	Minor mineral	Remarks
14	Bhur River Mahal Near Laokriguri	5.0	26°47'36.97"N 26°47'39.95"N 26°47'48.29"N 26°47'45.00"N	90°26'14.66"E 90°26'18.06"E 90°26'7.92"E 90°26'4.69"E	Bhur River		
15	New Chikapara 1 & 2 Mahal	3.0	26°34'41.93"N 26°34'40.65"N 26°34'30.58"N 26°34'31.73"N	90°34'38.84"E 90°34'42.15"E 90°34'37.81"E 90°34'35.04"E	Kanamakra River		
16	Sadumarajhora Mahal	5.0	26°50'00.02" N 26°49'48.76" N 26°49'59.94" N 26°49'47.71" N	90°29'43.93" E 90°29'49.05" E 90°29'49.37" E 90°29'44.48" E	Taklai River		
17	New South Gondabil Mahal	5.0	26°41'07.13" N 26°41'06.98" N 26°41'18.13" N 26°41'18.18" N	90°32'42.19" E 90°32'47.24" E 90°32'46.69" E 90°32'41.26" E	Taklai River		
18	Aie River Mahal at Deosri	5.0	26°45'52.70"N 26°45'41.81"N 26°45'41.84"N 26°45'52.65"N	90°28'39.77"E 90°28'40.83"E 90°28'45.84"E 90°28'45.52"E	Aie River		

Table 2: Details of Proposed Mining Leases in Chirang District- Private Patta Land area

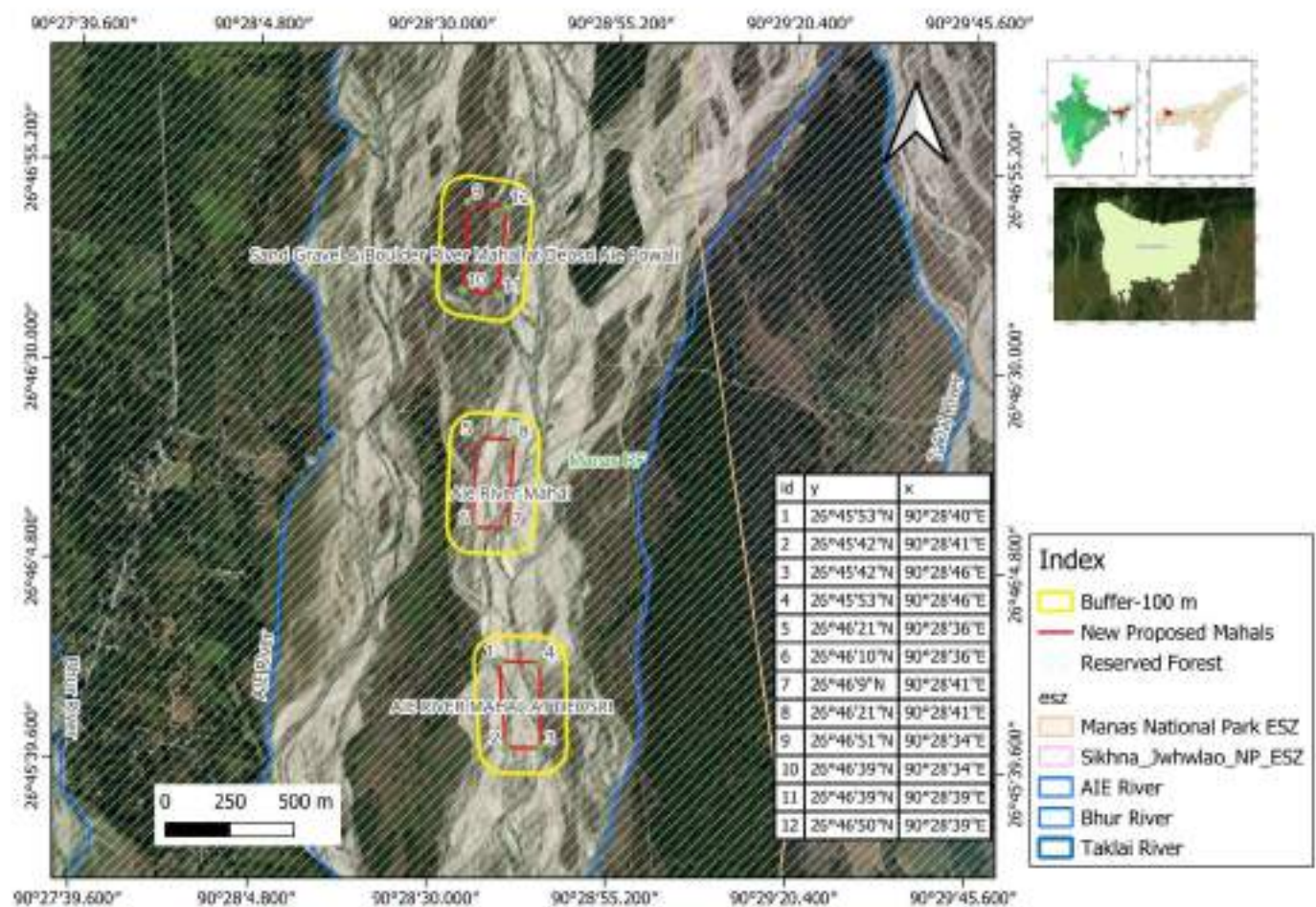
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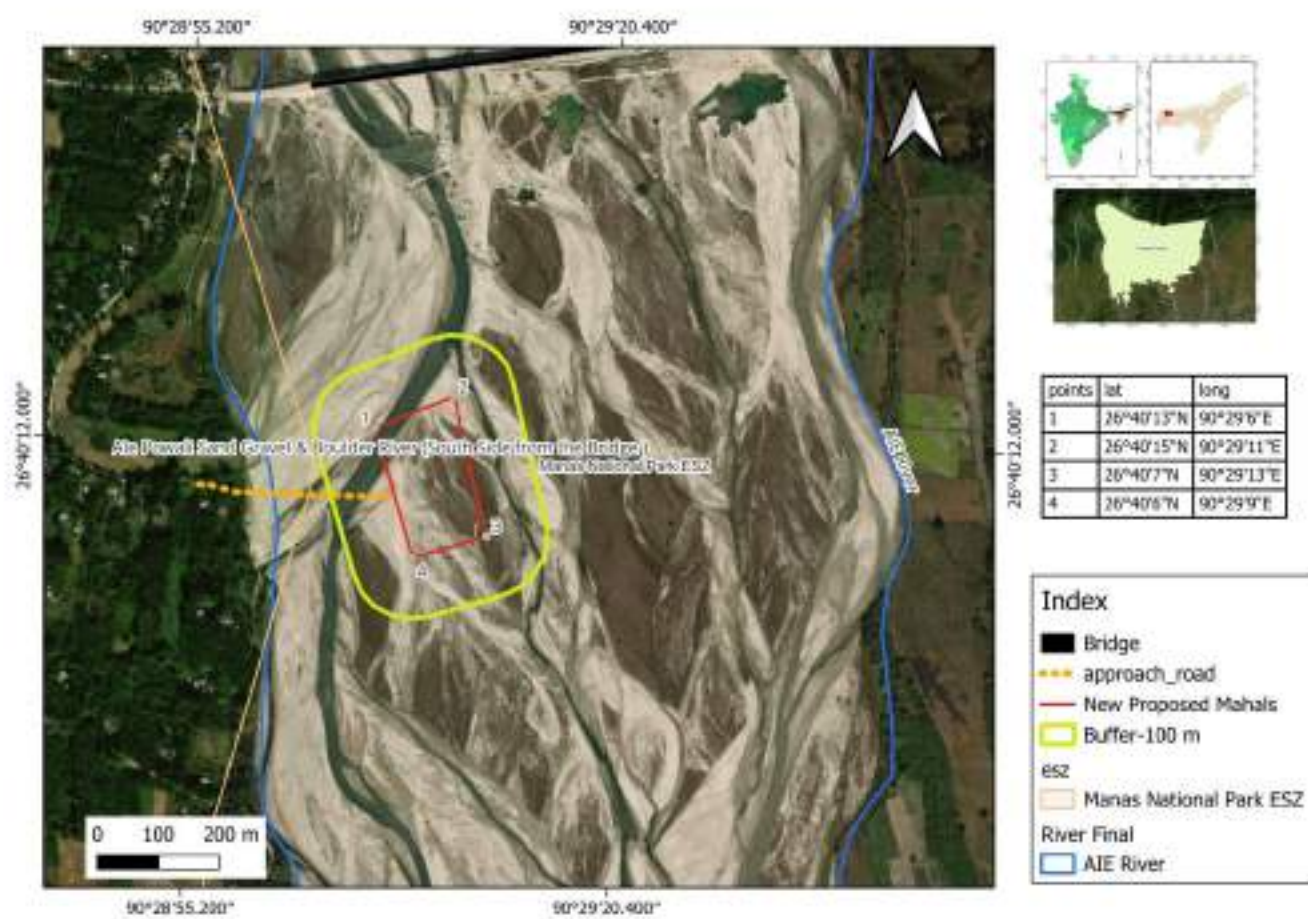
Sl.No	Name of Patta land Mahaldar	GPS co-ordinates		Dag No. & Patta No.	Area of Land	Remarks
1	Sri Ranjan Sarkar Vill: No.1 Dholadanda	N-26°38'03.92" N-26°38'02.34" N-26°38'02.07" N-26°38'03.61"	E-90°44'01.57" E-90°44'02.51" E-90°44'02.06" E-90°44'01.04"	Dag No. 476 Patta No. 60	0.94 Hec.	Bijni Depot.
2	Sri Parameswar Basumatary; Vill - Simlaguri	26°37'59.04"N 26°37'56.84"N 26°37'59.61"N 26°38'01.63"N	90°33'08.33"E 90°33'15.92"E 90°33'16.90"E 90°33'09.42"E	Dag- 207 Patta- 209	1.95 hec	Amteka Range
3	Sri Kalicharan Basumatary, Vill- Simlaguri,	26°38'15.04"N 26°38'17.41"N 26°38'14.93"N 26°38'12.94"N	90°33'9.12"E 90°33'9.08"E 90°33'15.52"E 90°33'15.20"E	Dag- 12, Patta- 175	1.20 hec	Amteka Range
4	Sri Ranjan Basumatary, Vill- Narayanpur	N-26040'21.18" N-26040'13.82" N-26040'14.83" N-26040'22.54"	E-90034'40.69" E-90034'37.87" E-90034'33.63" E-90034'35.91"	Dag- 13,14,15,17,21,23; Patta- 05	3.15 Hec	Amteka Range
5	Mathias Chompramary Vill- Dababil	26°37'35.23" N 26°37'40.03" N 26°37'39.93" N 26°37'35.29" N	90°30'11.37" E 90°30'11.01" E 90°30'13.55" E 90°30'13.37" E	Dag- 143, Patta- 05	0.92 hec	Runikhata Range
6	Abbash Ali, Vill- Kanibhurgaon	26°39'13.32" N 26°39'13.33" N 26°39'19.90" N	90° 29' 15.38" E 90° 29' 12.59" E 90° 29' 12.41" E	Dag- 226, Patta- 57	17B-01K-09L	Runikhata Range

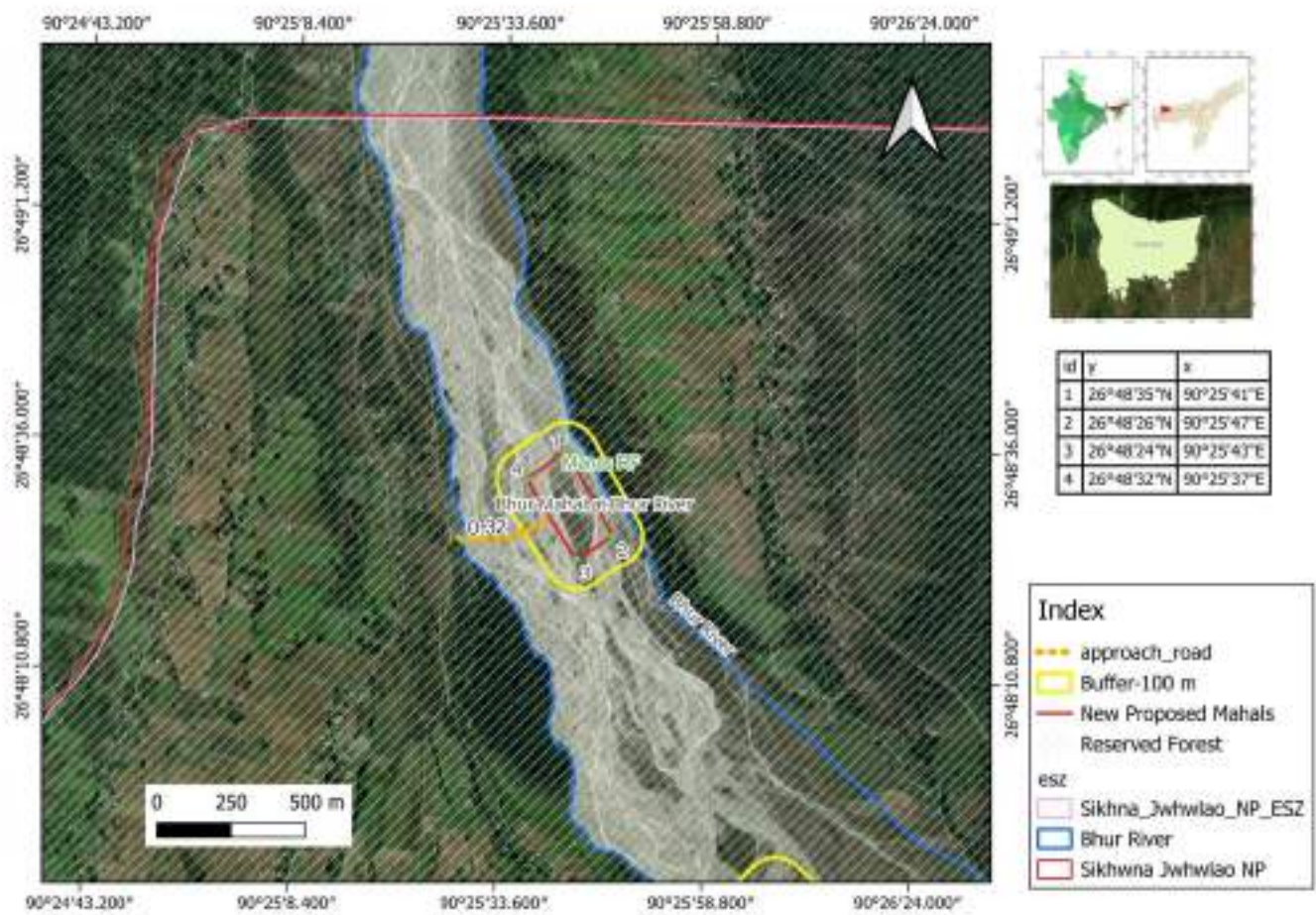
7	Wilson Islary, Vill- Ranisuadari			Dag- 192,191,190,197,18 8, Patta- 49	18B-00K-00L9	Runikhata Range
8	Bipul Muchahary, Vill- No-1 Gurubhasa			Dag- 251, Patta- 62	06B-02K-10L	Runikhata Range

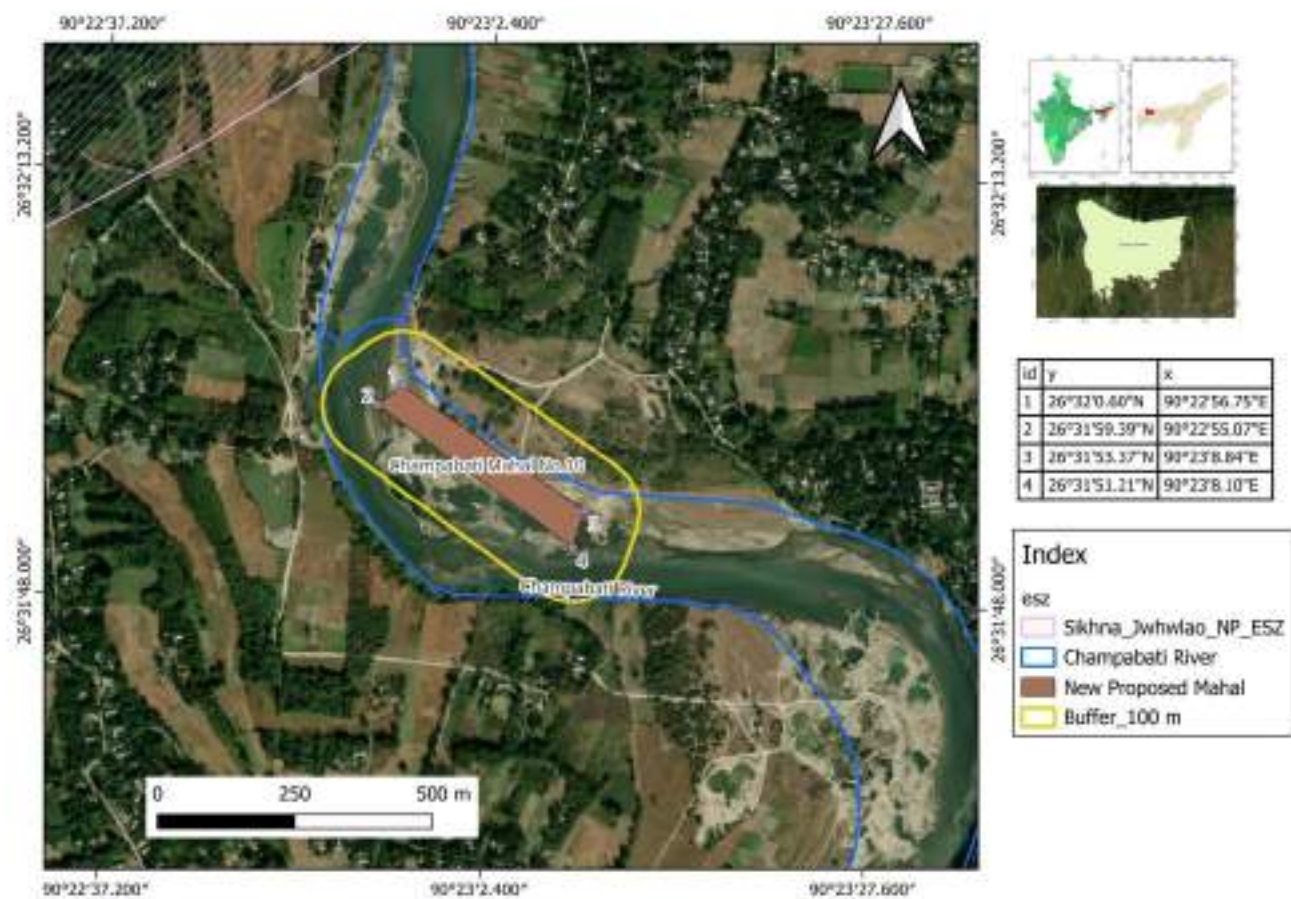
Annexure-I

(Maps of Proposed Mining Areas Under Chirang District)

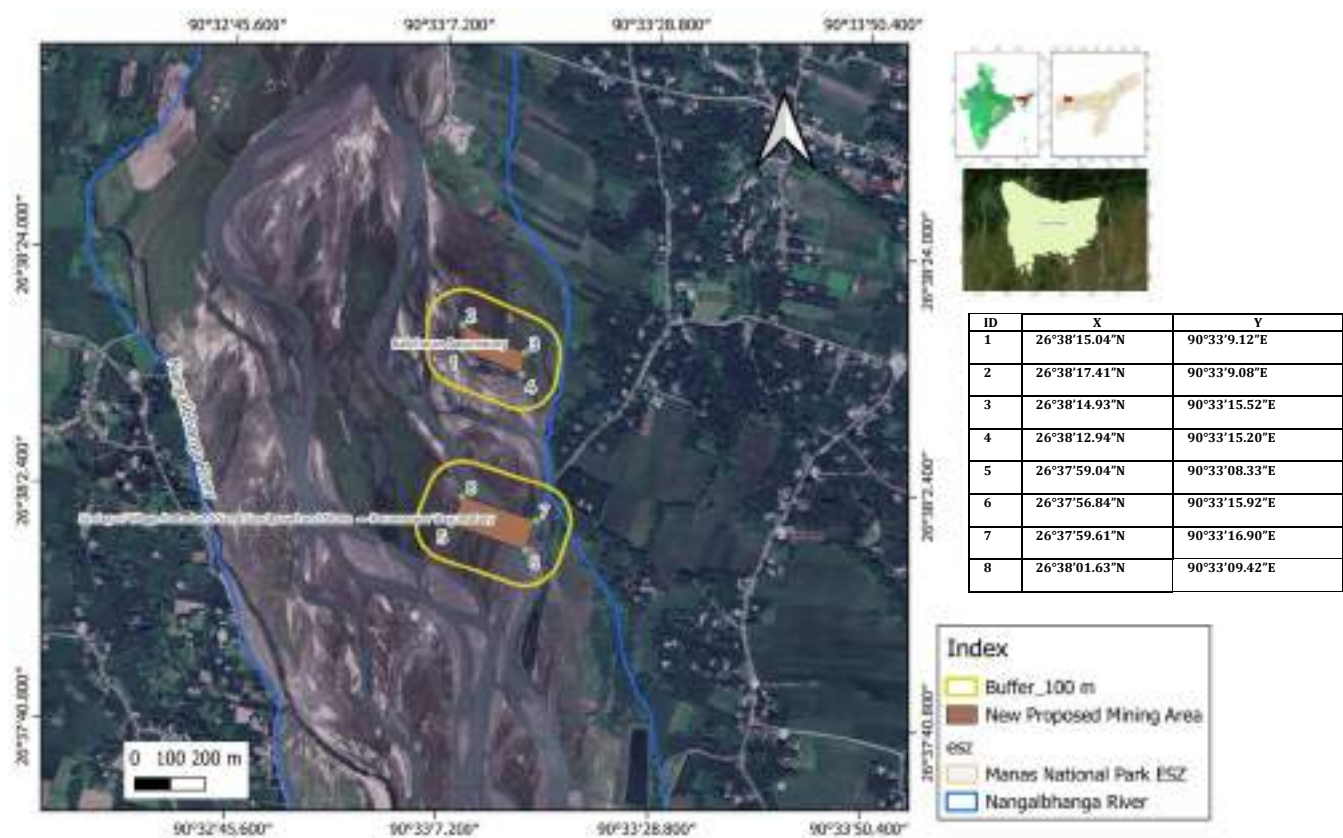


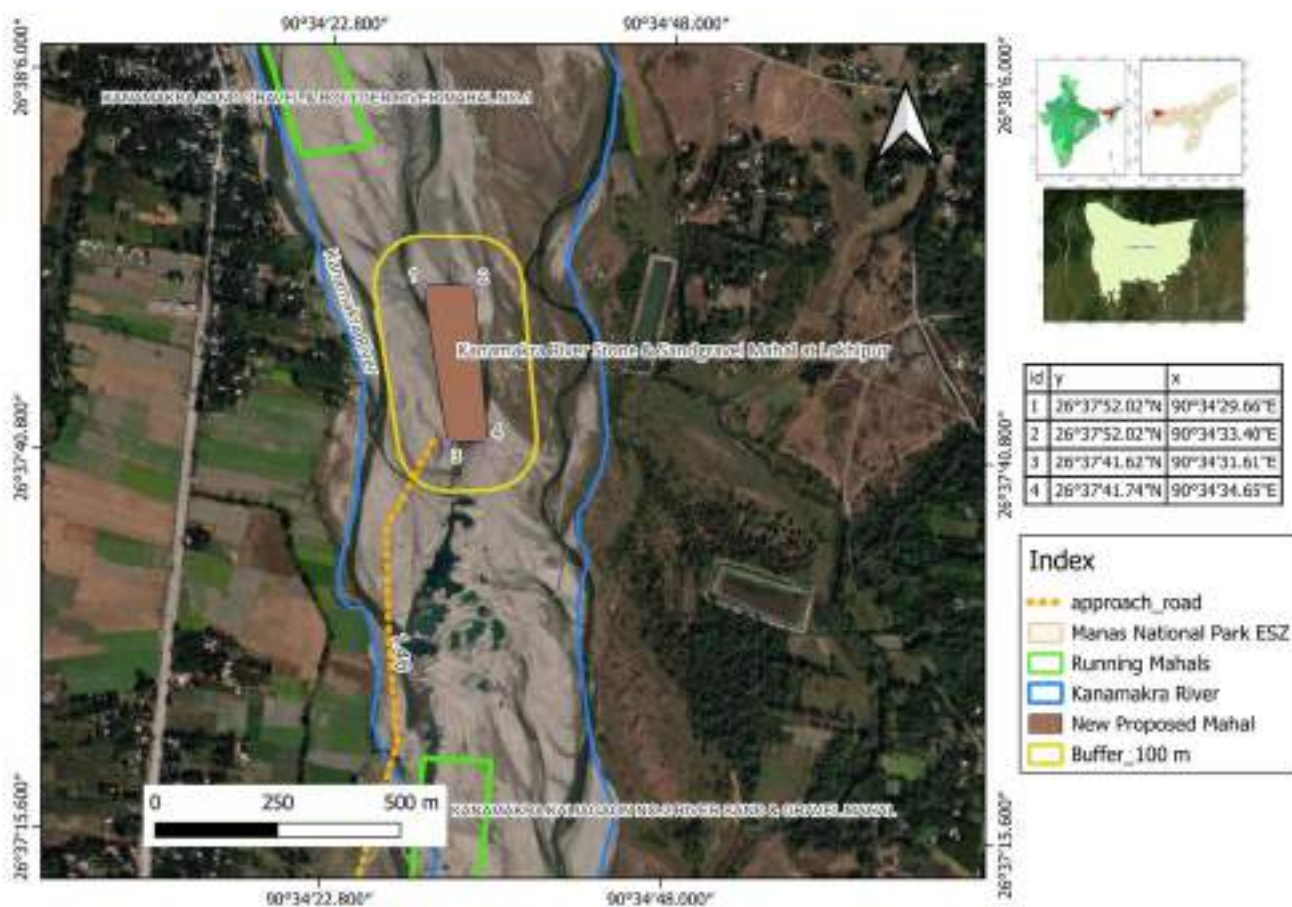


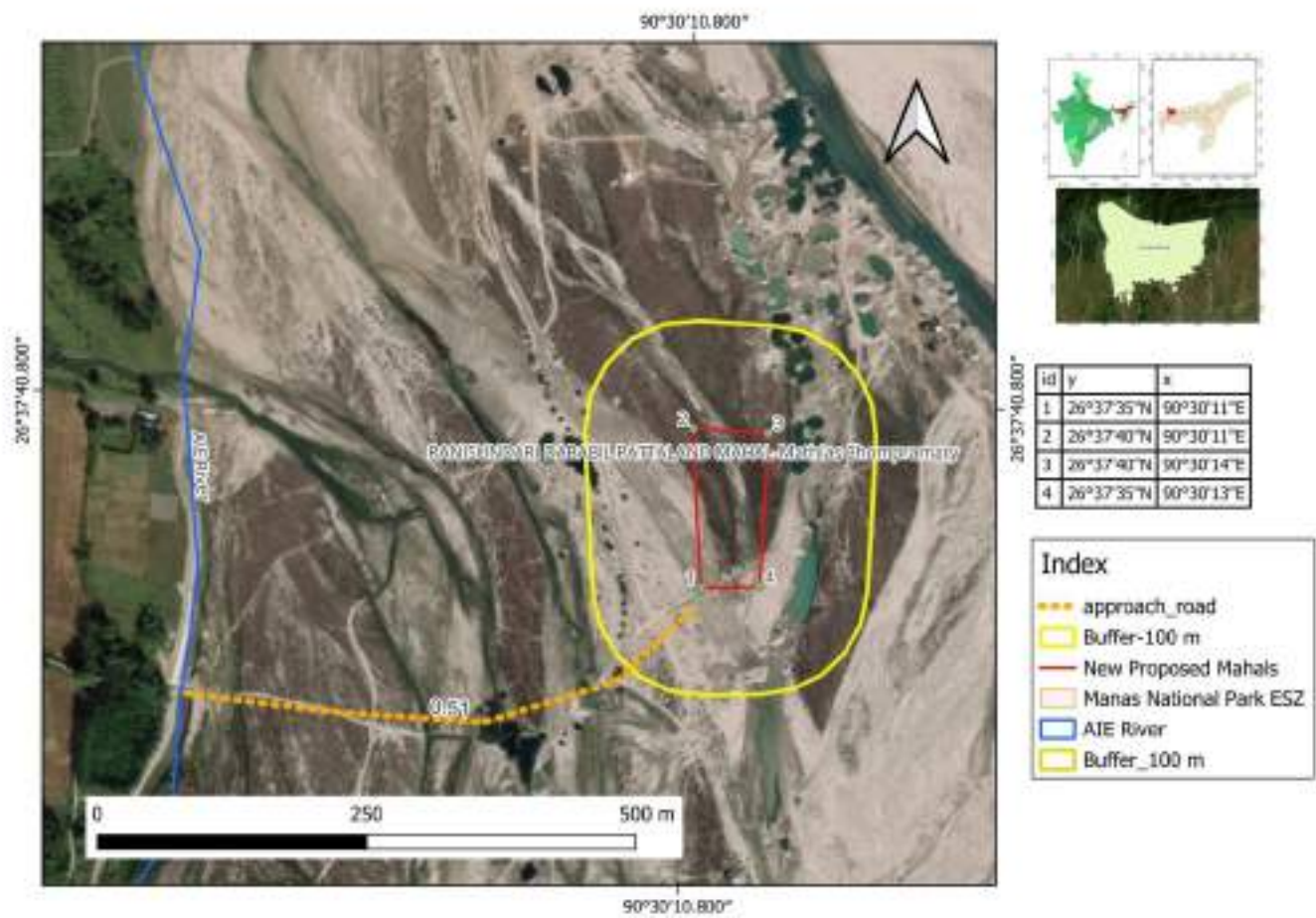


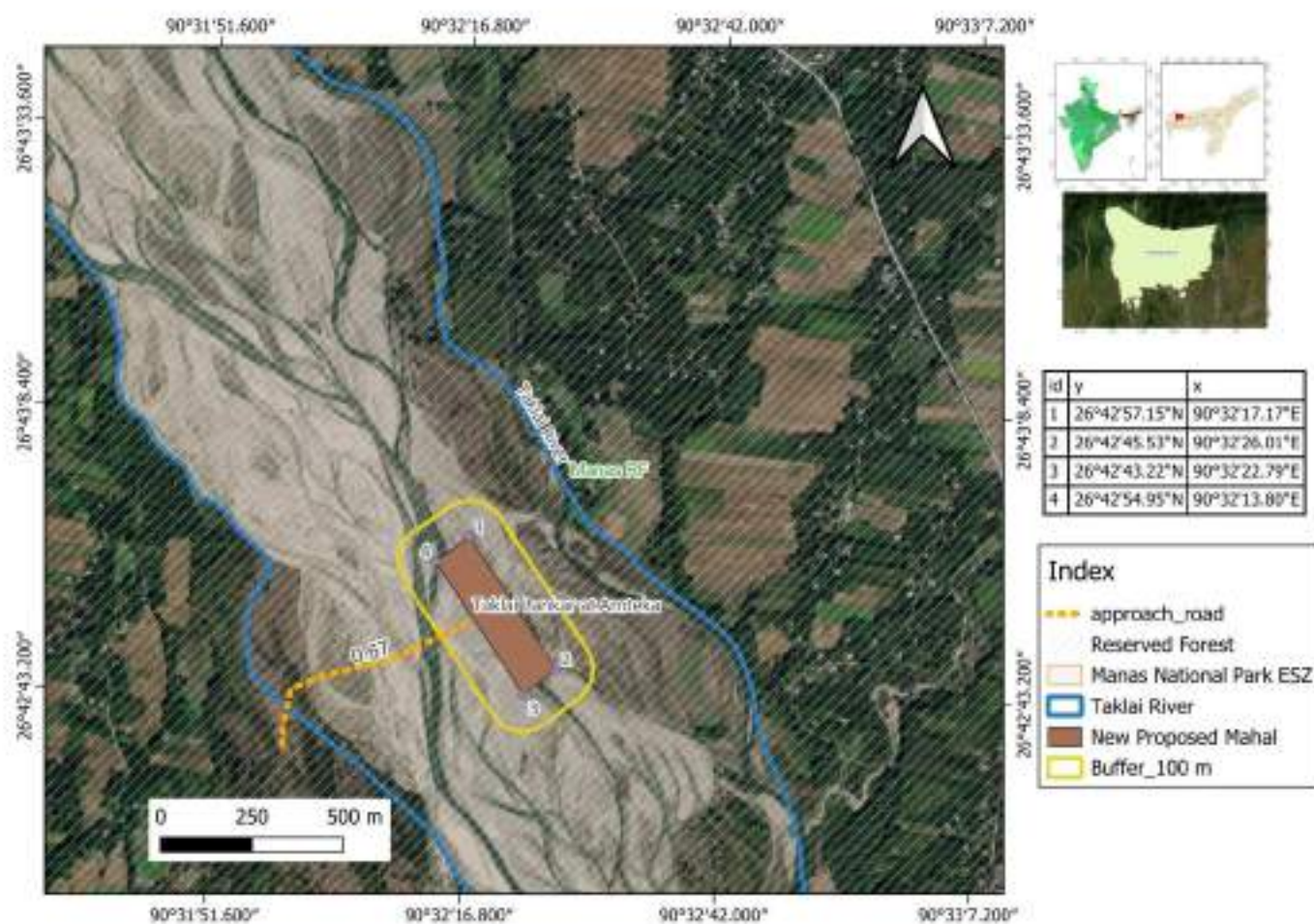


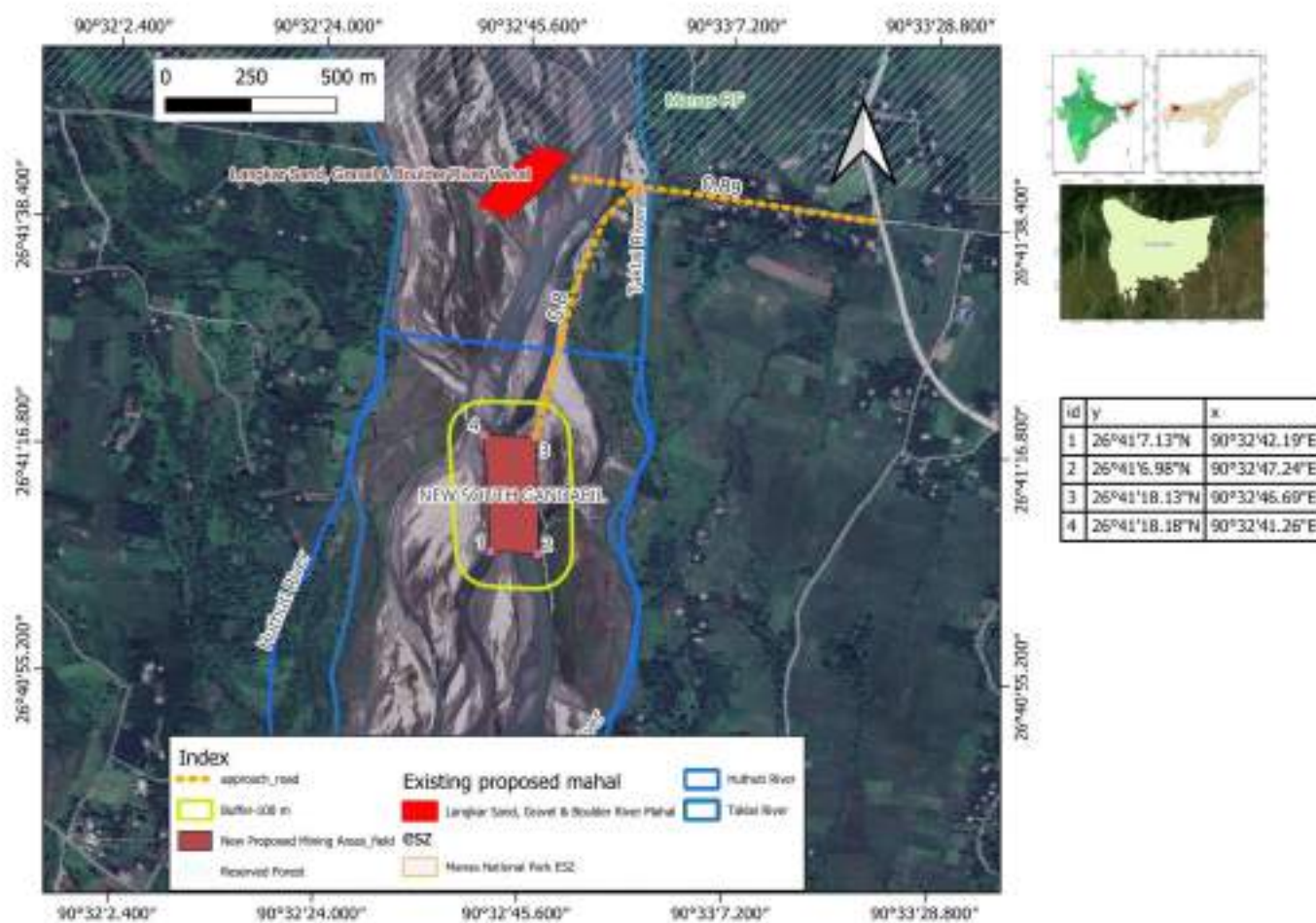


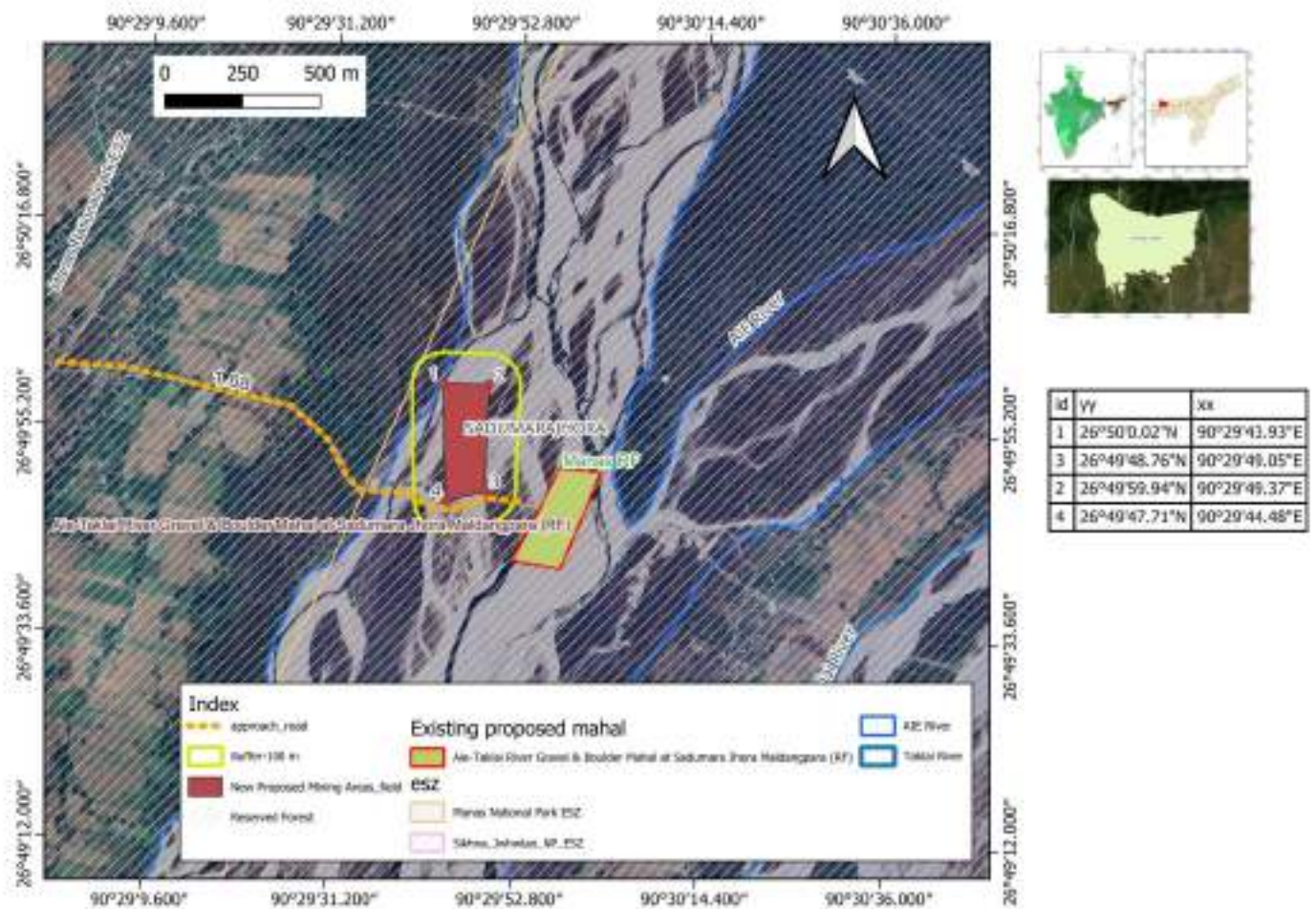


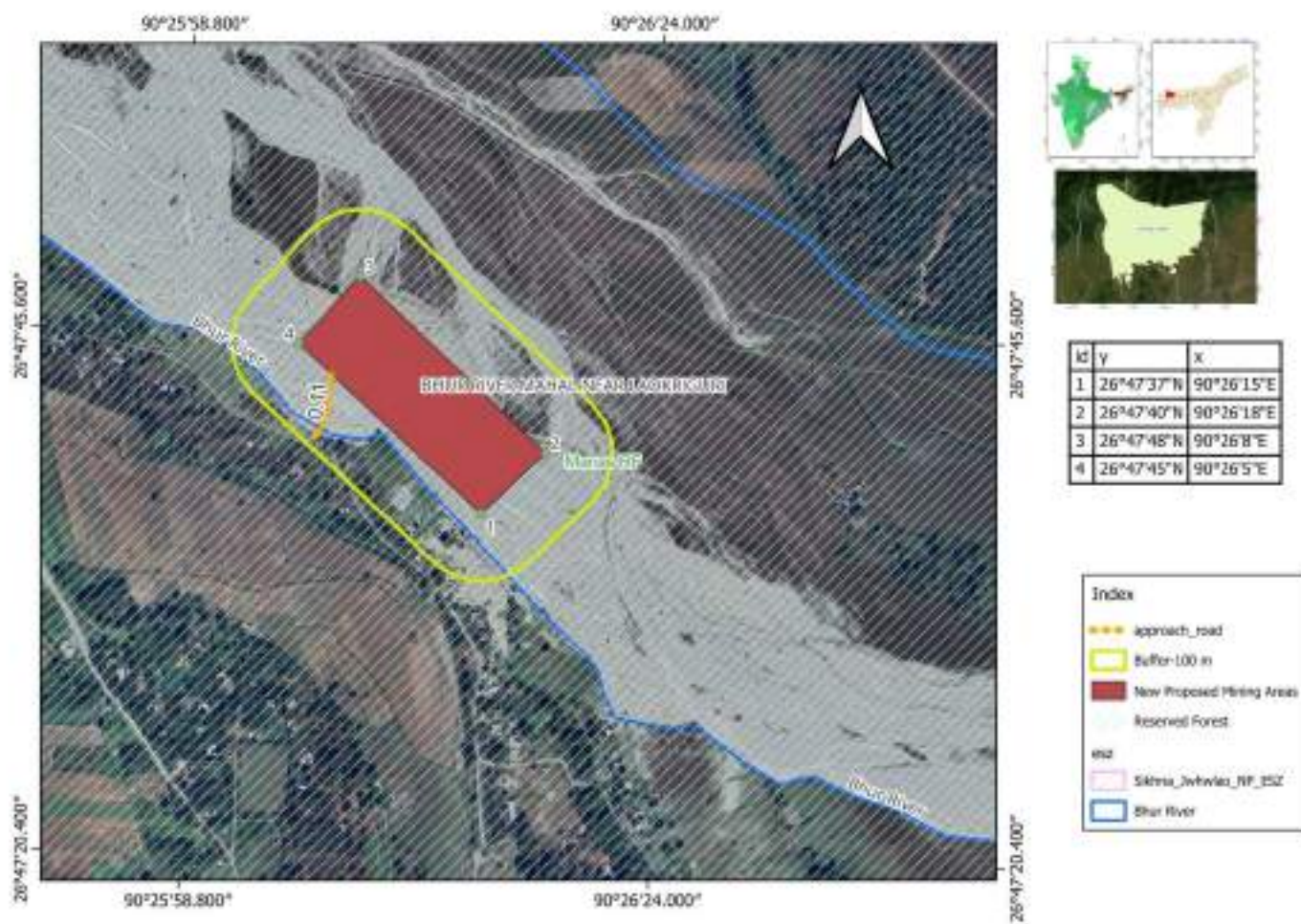


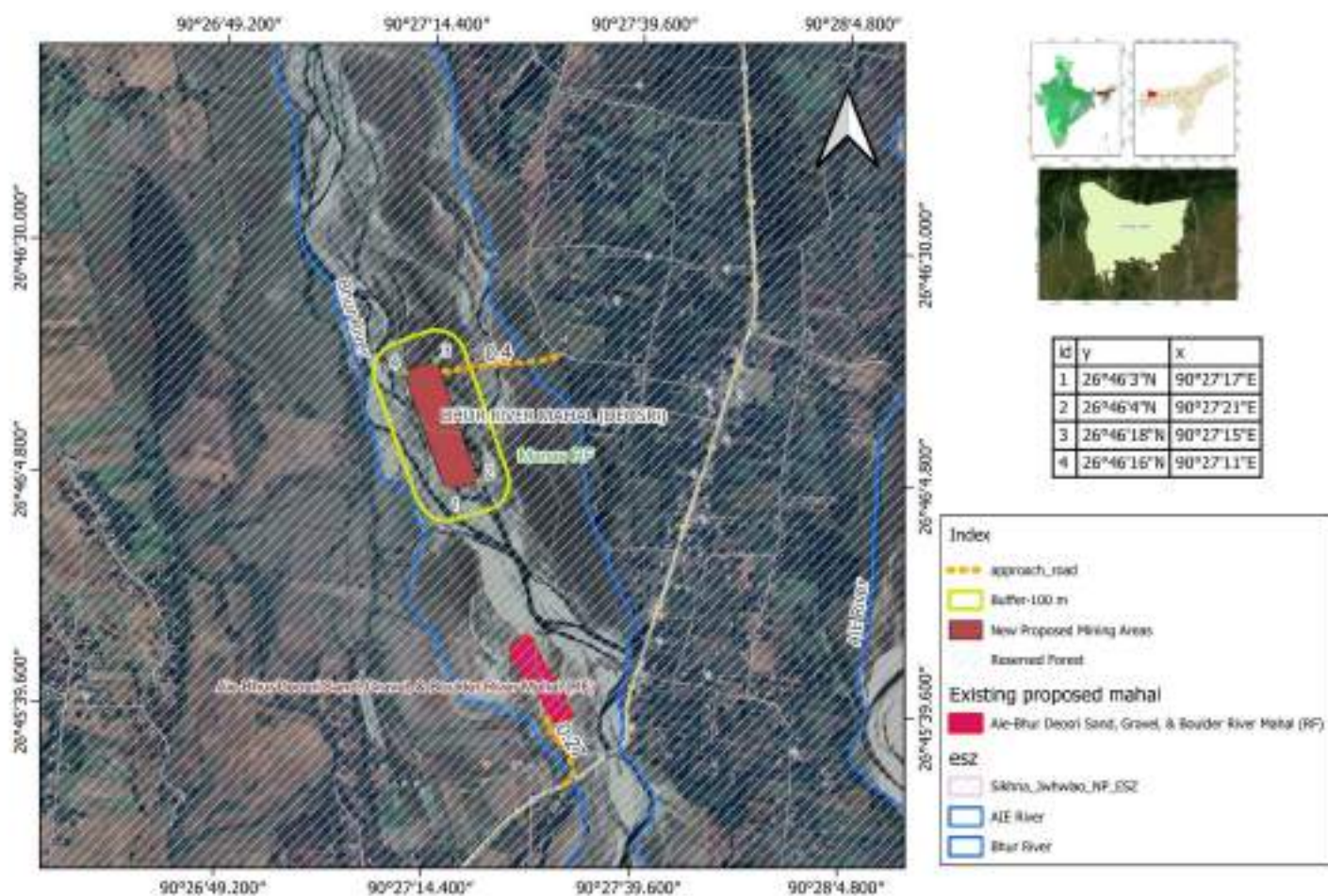


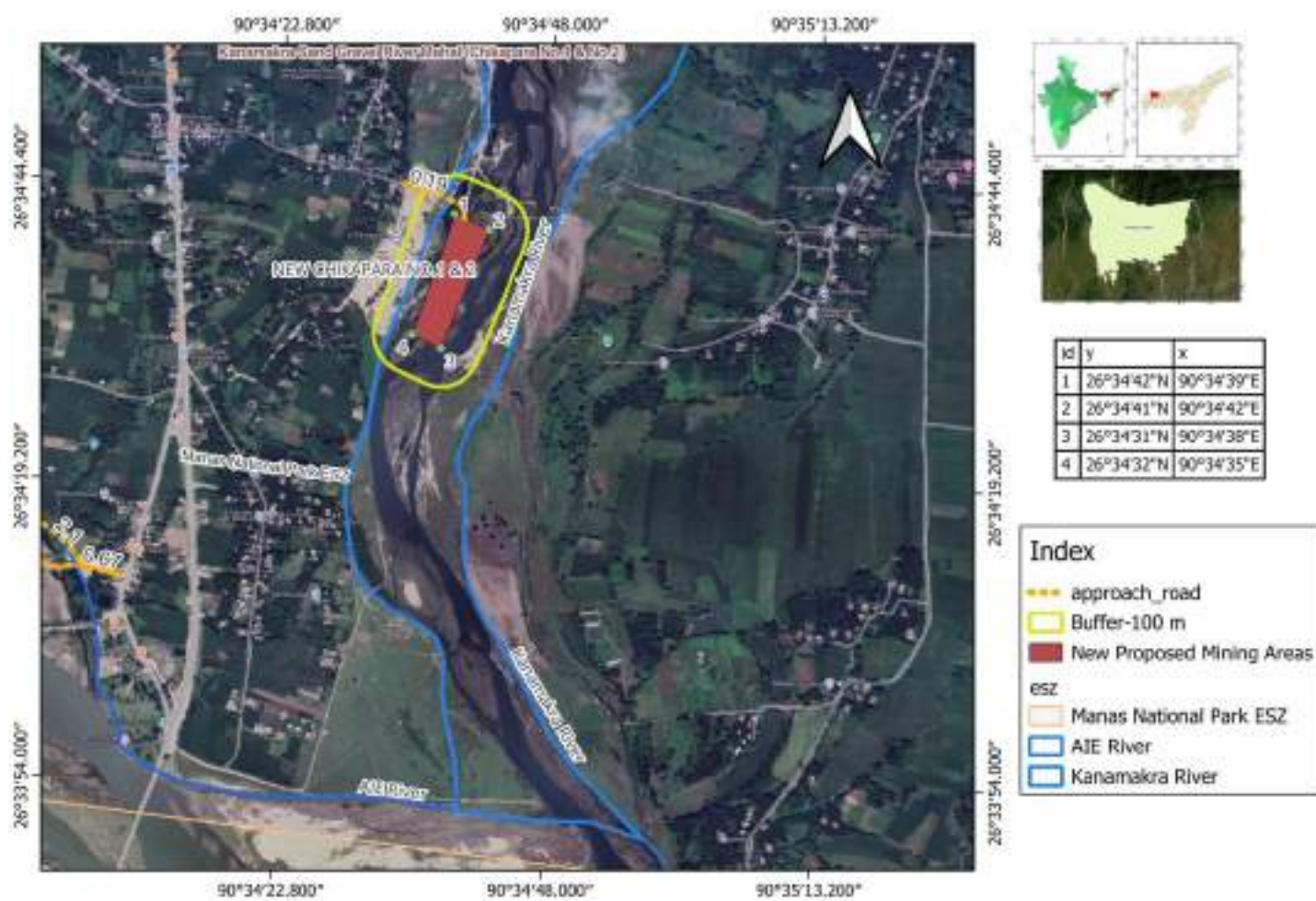


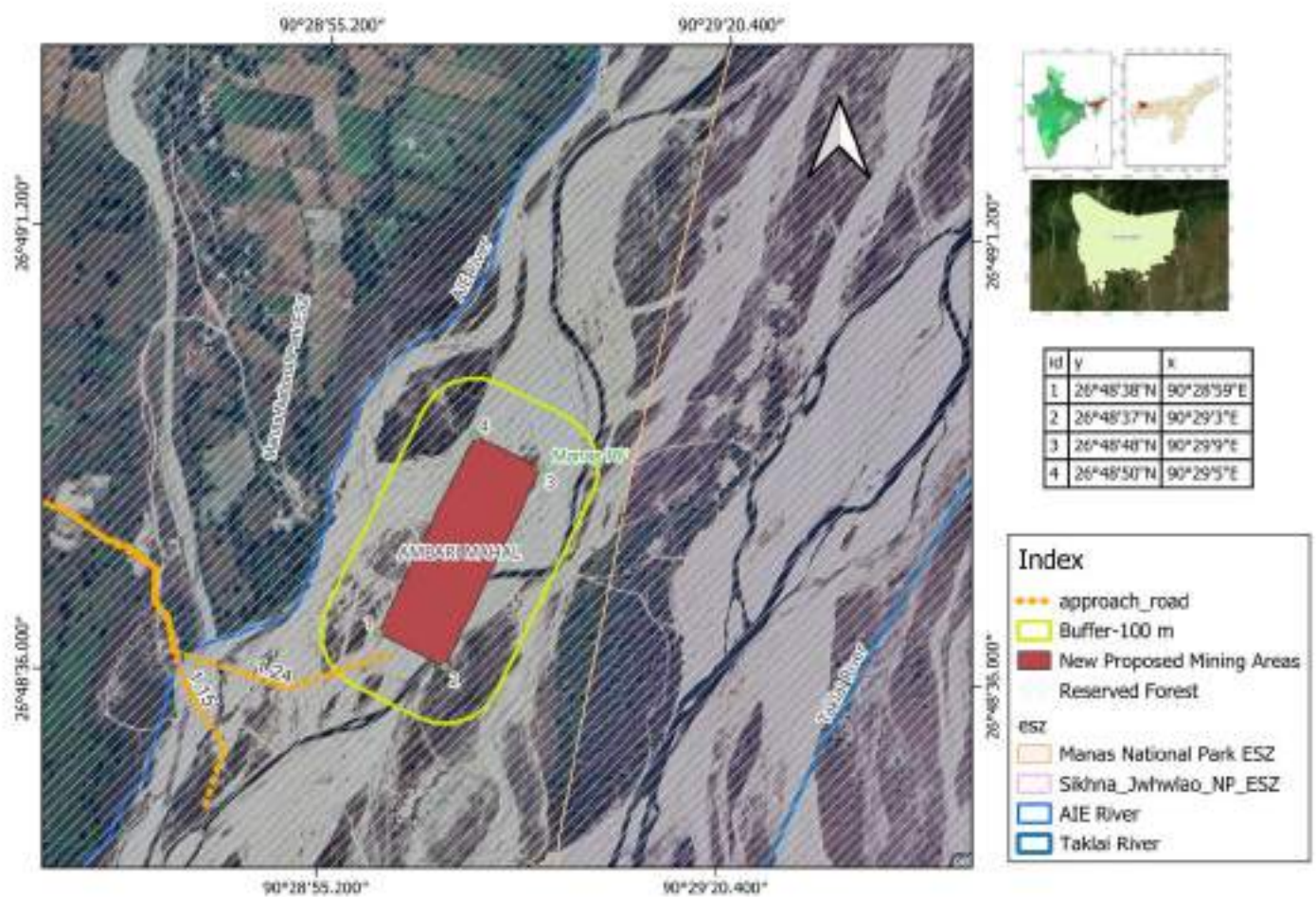


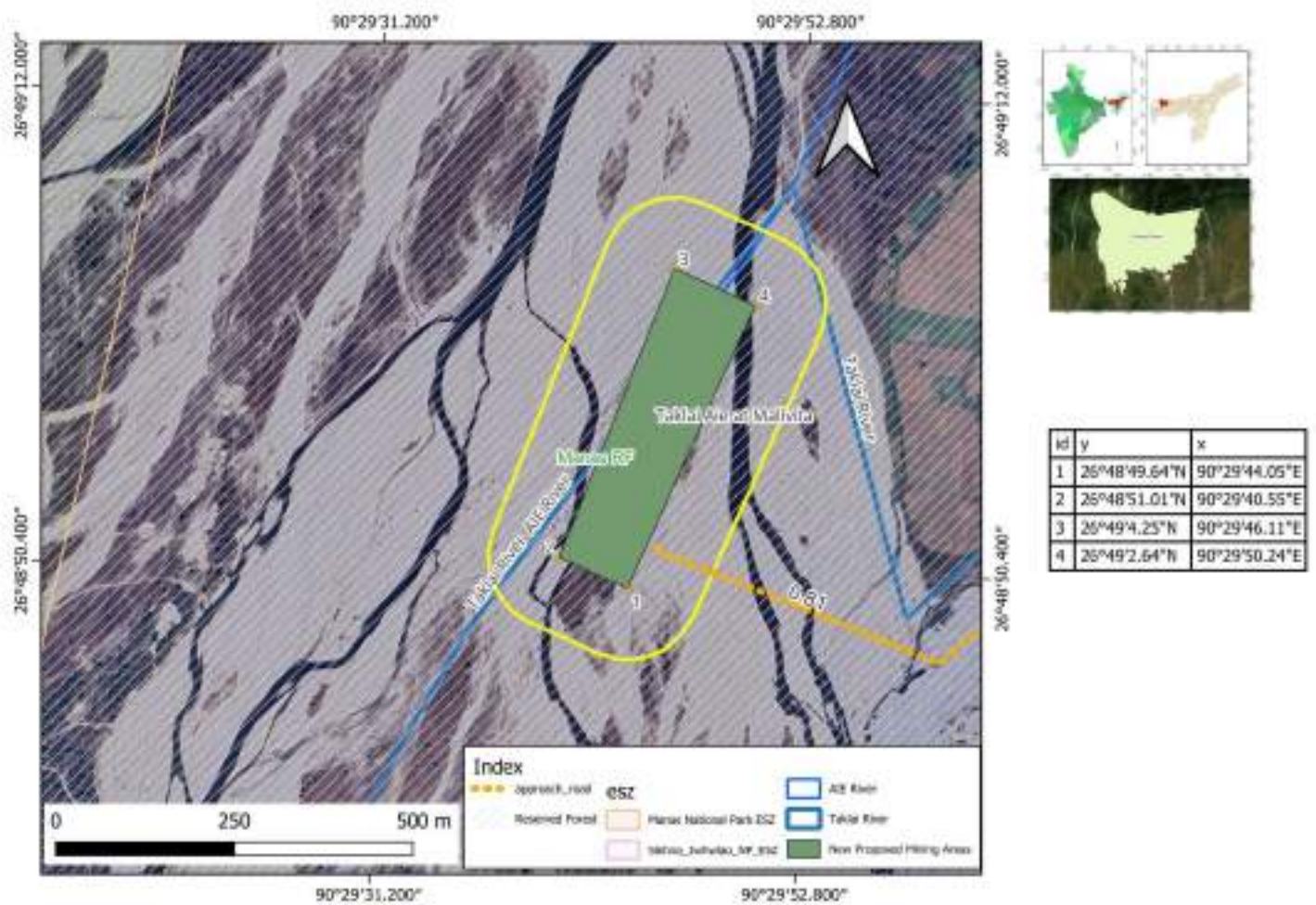


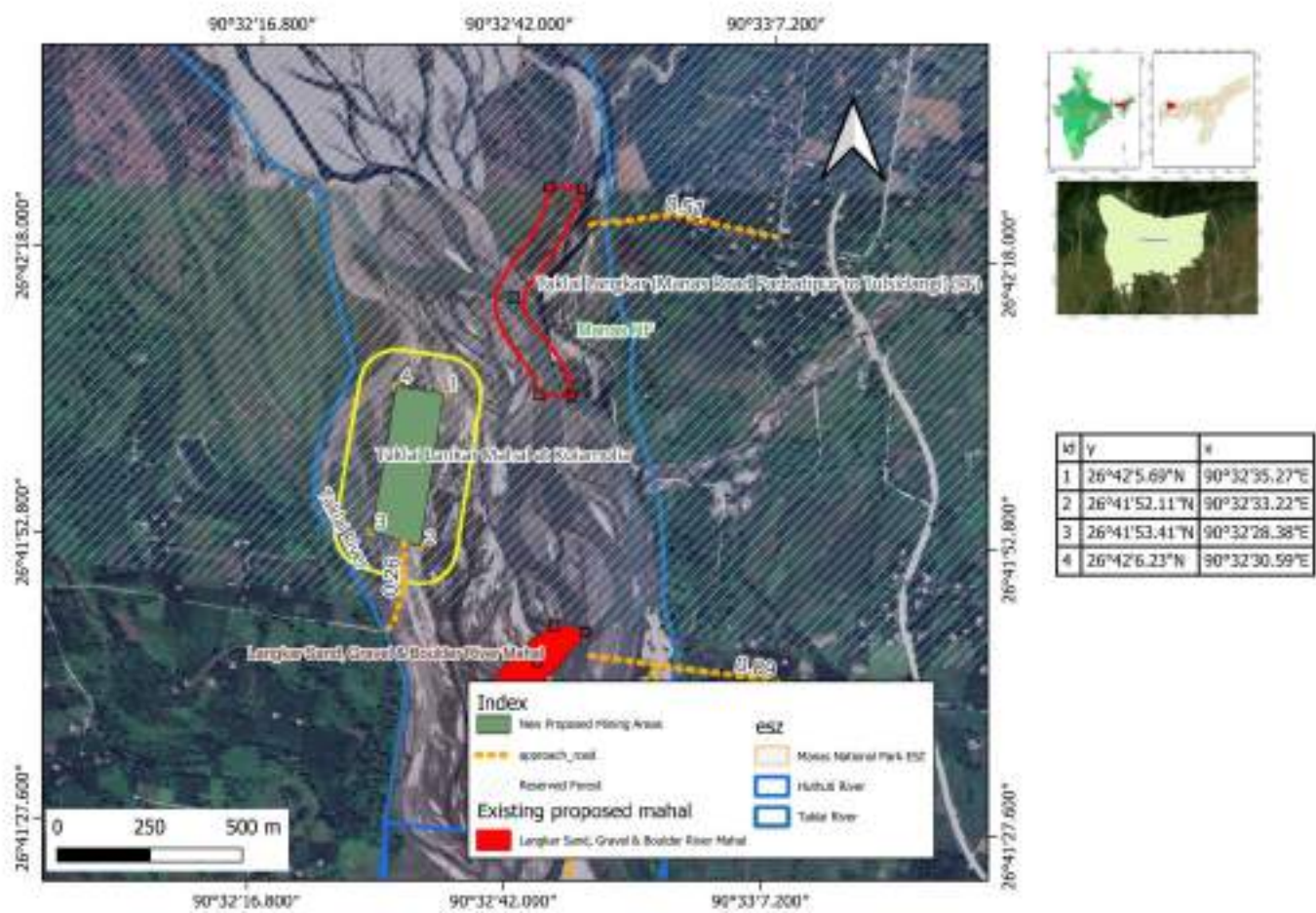


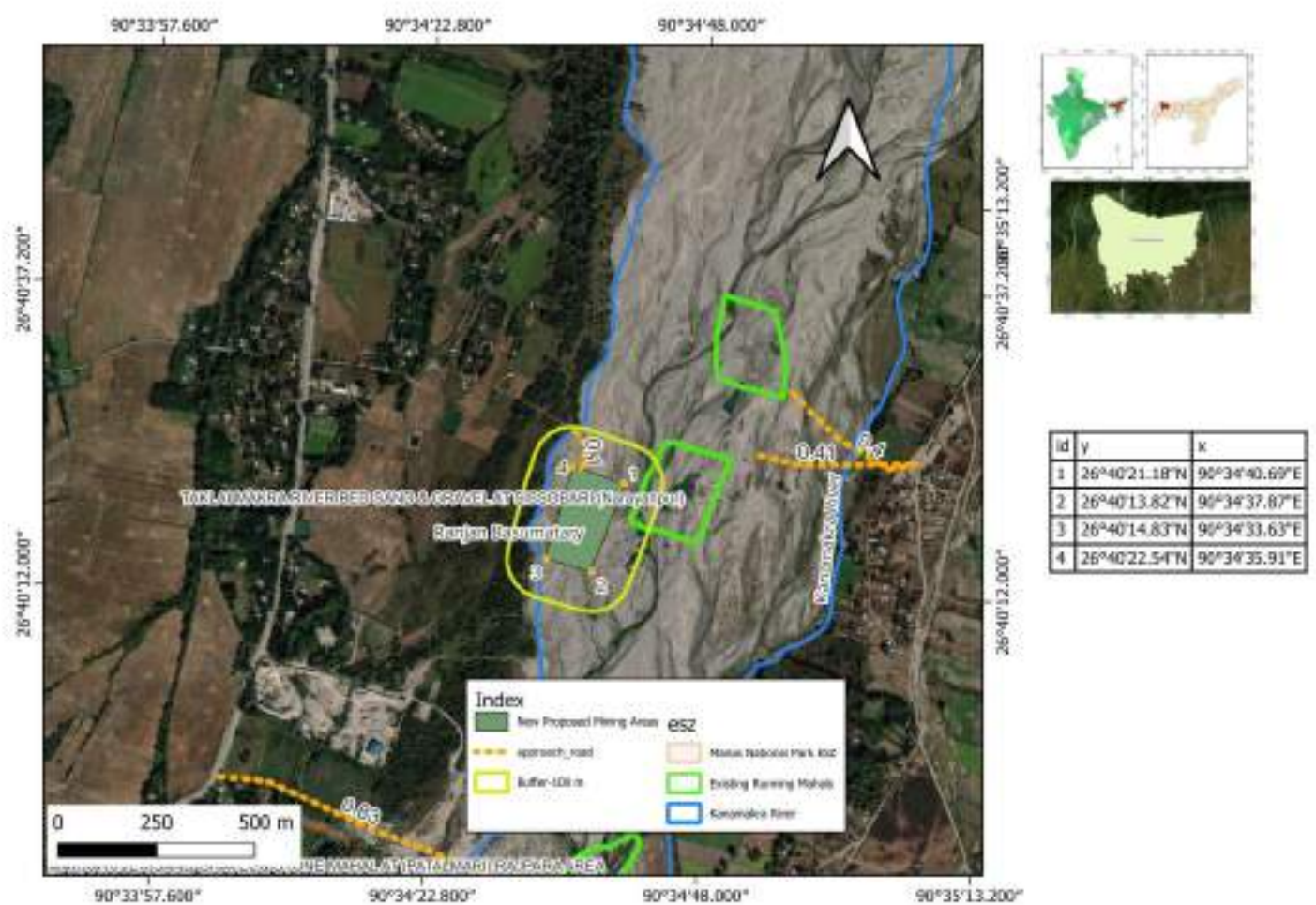












Annexure-II

(Field visit photographs under Chirang District)







THANK YOU