



LEGEND

	AFFECTED MANGROVE
	PROJECT ALIGNMENT - ROW
	VASAI CREEK
	MANGROVE DENSE
	MANGROVE SPARSE
	MUDFLAT
	NEWLY GROWN MANGROVE

Sr. No.	Latitude	Longitude
1	19 18 26.45 N	72 50 26.81 E
2	19 18 26.50 N	72 50 27.55 E
3	19 18 30.05 N	72 50 27.15 E
4	19 18 35.97 N	72 50 26.81 E
5	19 18 45.25 N	72 50 26.86 E
6	19 18 45.88 N	72 50 27.88 E
7	19 18 47.87 N	72 50 28.00 E
8	19 18 47.77 N	72 50 27.50 E
9	19 18 50.88 N	72 50 26.87 E
10	19 18 50.72 N	72 50 27.83 E
11	19 18 52.30 N	72 50 28.13 E
12	19 18 51.88 N	72 50 27.14 E
13	19 18 52.15 N	72 50 27.05 E
14	19 18 52.57 N	72 50 28.12 E
15	19 18 52.57 N	72 50 28.32 E
16	19 18 52.57 N	72 50 28.32 E
17	19 18 52.57 N	72 50 28.32 E
18	19 18 52.57 N	72 50 28.32 E

Serial No.	Name of Village	District	Forest Land Required			Legal Status of Land	Legal Status of Forest	Non-Forest Land Required			Legal Status of Land	Total Area in Ha.
			Survey No.	Length (Meters)	Width (Meters)			Survey No.	Length (Meters)	Width (Meters)		
1	1	Thane	337	270.0000	30.0000	6242.0000	1.8582	337	270.0000	30.0000	6242.0000	1.8582
2	2		342	536.0000	30.0000	19461.0000	1.8482	342	536.0000	30.0000	19461.0000	1.8482
3	3											
4	4											
5	5											
6	6											
			Length	806.0000	Area-Parcel	8723.0000	2.7724	Length	806.0000	Area-Parcel	8723.0000	2.7724

Source: 1. Village Collector Maps from Land Record Department, GOVT. OF MAHARASHTRA
2. Cadastral Survey Data of 60 cm. Resolution for the year 2008, 2009 and 2010

Prepared by: Maharashtra Forest Department
Checked by: Maharashtra Forest Department
Approved by: Maharashtra Forest Department

24-2-19

Forest Surveyor
Mangrove Cell, Mumbai

Scale 1 : 5000
0 0.1 0.2 km

MOUZE-BHAYANDAR, TALUKA-THANE, DISTRICT-THANE

Location Map With
Geo-Reference for
Bhayander
SCALE - 1:5000

PLATE-III/4

CLIENT		DESIGN CONSULTANT		PROJECT		DATE	
MMRDA Mumbai Metropolitan Region Development Authority		STUP Consultants P. Ltd.		CONSULTANCY SERVICES FOR DETAILED ENGINEERING, PROJECT MANAGEMENT AND PROVIDING OF THE DESIGN FOR THE PROPOSED WORK CONSTRUCTION OF BRIDGE ON CREEK CONNECTING VASAI AND BHAYANDER		24-2-19	
SCALE 1:5000		APPROVED		FOR COMMENT		DATE	
DATE		APPROVED		FOR COMMENT		DATE	



Location Map With
Geo-Reference for
Panju Village

SCALE - 1:5000



LEGEND

- PROJECT AFFECTED MANGROVE
- PROJECT ALIGNMENT - ROW
- VASAI CREEK
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- MANGROVE SPARSE
- MUDFLAT
- OTHERS

Area Statement - Panju Island															
Serial No.	Name of Village	Forest Land Required						Legal Status of Land	Non-Forest Land Required						Total Area in ha
		District	Survey No.	Length (In Meter)	Width (In Meters)	Area In Sq.m.	Area In Ha.		Survey No.	Length (In Meter)	Width (In Meters)	Area In Sq.m.	Area In Ha.	Legal Status of Land	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Panju Island	Palghar	65	59.9752	30.6	1835.2411	0.1836	Unclassified Mangrove Forest	65	187.8922	30.6	5749.5013	0.5750	Government Land	0.7586
65			16.1648	30.6	494.6429	0.0495	Government Land								
2		67	40.0000	30.6	1224.0000	0.1224	67		340.1873	30.6	10409.7314	1.0410	Government Land	2.0390	
3		Palghar	67	70.0000	30.6	2142.0000	0.2142		67	200.0000	30.6	6120.0000	0.6120		Government Land
4			67	Ramp - Irregular Shape		7.0000	0.0007								
Total Length				169.9752		5208.2411	0.5209		744.2443	Area Non-Forest	22773.8756	2.2774	Total Area	2.7976	

Place : THANE

Date : 6 JUN 2019

Mr. A. S. Titre
(Executive Engineer)

Mumbai Metropolitan Region Development Authority

Source: 1. Village Cadastral Maps from Land Record Department, GOM.
2. Quick Bird Satellite Data of 60 cm Resolution for the year 2006, 2008, 2009 and 2010



Prepared For
Mangrove Cell, Maharashtra Forest Department,
Mumbai - 400 051



Prepared By
Maharashtra Remote Sensing Applications Centre,
VNIT Campus, S.A. Road,
Nagpur - 440 010

TITLE
LOCATION MAP WITH
GEO-REFERENCE FOR
PANJU VILLAGE

PURPOSE OF ISSUE		FOR COMMENTS	
DRG. NO.	8089-00/E/HD-085 (R0)	DESIGN	CHECKED
DATE : 08.03.19	DRAWN	CLS	APPROVED
	PVK	VAN	ASB

NO.	DATE	REVISION	DRAWN	CHECKED	APPROVED

SCALE
1:5000

OWNER CLIENT



MMRDA
Mumbai Metropolitan Region Development Authority

DESIGN CONSULTANT



STUP Consultants P. Ltd.

PROJECT

CONSULTANCY SERVICES FOR
DETAILED ENGINEERING, PROJECT MANAGEMENT AND
PROOF CHECKING OF THE DESIGNS FOR THE PROPOSED
WORK CONSTRUCTION OF BRIDGE ON CREEK
CONNECTING VASAI AND BHAYANDER

TITLE

LOCATION MAP WITH
GEO-REFERENCE FOR
PANJU VILLAGE

PURPOSE OF ISSUE

FOR COMMENTS

DRG. NO. 8089-00/E/HD-085 (R0)

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DRAWN

CLS

APPROVED

PVK

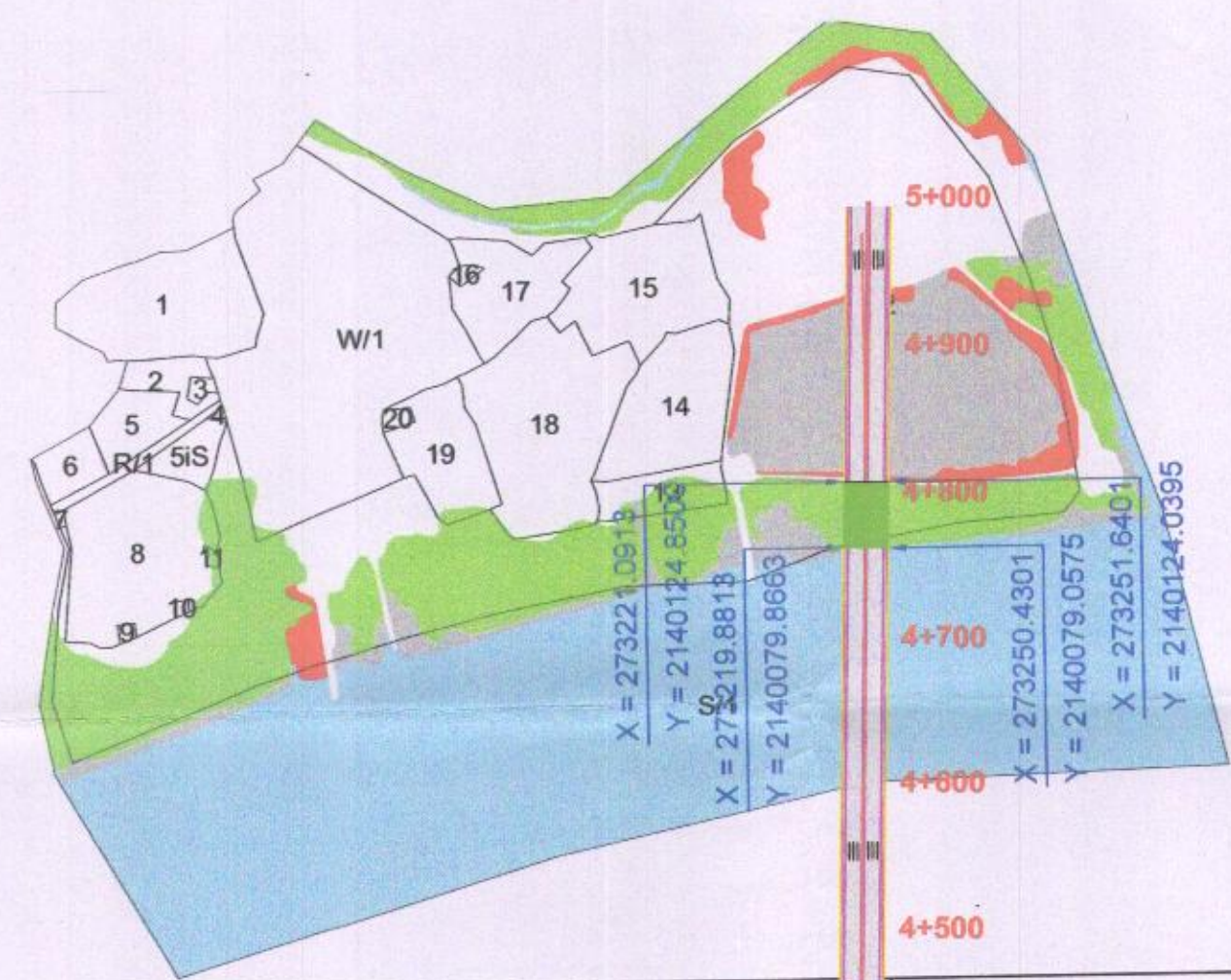
VAN

ASB



Location Map With
Geo-Reference for
Naigaon

SCALE - 1:5000



LEGEND	
	PROJECT AFFECTED MANGROVE
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	MANGROVE DENSE
	MANGROVE SPARSE
	MUDFLAT

Area Statement - Naigaon															
Serial No.	Name of Village	Forest Land Required						Legal Status of Land	Non-Forest Land Required						Total Area in ha.
		District	Survey No.	Length (In Meter)	Width (In Meters)	Area in Sq.m.	Area in Ha.		Survey No.	Length (In Meter)	Width (In Meters)	Area in Sq.m.	Area in Ha.	Legal Status of Land	
1	Naigaon	Palghar	12	45.0129	30.6	1377.3947	0.1377	Unclassified Mangrove Forest	12	187.8184	30.6	5747.24304	0.5747	Government Land	0.5747
Total Length				45.0129	Area Forest	1377.3947	0.1377			187.8184	Area Non-Forest	5747.24304	0.5747	Total Area	0.5747

Place : THANE

Date : 6 JUN 2019

Mr. A. S. Titre
(Executive Engineer)

Mumbai Metropolitan Region Development Authority

Source: 1. Village Cadastrel Maps from Land Record Department, GOM.
2. Quick Bird Satellite Data of 60 cm Resolution for the year 2008, 2009 and 2010

Prepared For
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TITLE

LOCATION MAP WITH
GEO-REFERENCE FOR
NAIGAON

PURPOSE OF ISSUE FOR COMMENTS

DRG. NO. 8089-00/E/HD-086 (R0)

DATE : 08.03.19 DRAWN DMN

DESIGN PVK CHECKED VAN APPROVED ASB