



Rural Works Department, Govt of Bihar



BIHAR RURAL ROADS PROJECT Bihar Rural Road Development Agency (BRRDA) Govt. of Bihar

Estimate for Motorable of Road from NH30A Barhaine Pul
Chatiyana Link Road To Abu Mohammadpur RWD Balwapar
More



Name of the Road :-

NH30A Barhaine Pul Chatiyana Link Road To Abu Mohammadpur RWD
Balwapar More

DISTRICT	:	NALANDA	
DIVISION	:	HARNAUT	
BLOCK	:	HARNAUT	
TOTAL COST OF CONSTRUCTION	:	5.691 5.900 5.04	Lac
TOTAL COST OF PROJECT	:	5.691 5.900 5.04	Lac

बिहार ग्रामीण पथ विकास एजेंसी



**Bihar Rural Road Development
Agency**

Budh Marg patna-80001

0/c

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD : NH30A Barhaine Pul Chatiyana Link Road To Abu
Mohammadpur RWD Balwapar More
DISTRICT NALANDA
BLOCK HARNAUT
DIVISION HARNAUT

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	EARTHWORK	0.000
3	BRICK BATS	503701.200 322081.000
	Total	522081.000
	TOTAL COST IN LACS =	5.221
	GST @ 12 % ON (PART A)	0.626
	LABOUR CESS GST @ 1 % ON (PART A)	0.052
	SUB TOTAL WITH GST & Labour cess	0.679
	Sub Total ` :--	5.900
	TOTAL COST OF PROJECT IN LACS =	5.900

5.037
0.604
0.050
5.691
5.691

JE
RWD
19/01/2021

AE
RWD
19-1-2021

EE
RWD
20.01.2021

Technically approved for Rs 5,69,100.00.....

(Rupees...five...lakh...sixty...nine
thousand...one hundred only.)

Condition and disor
technical notes with

certified copy

अधीक्षण अभियन्ता
ग्रामीण कार्य विभाग
कार्य अंचल, नालन्दा

sd-
S. E.
RWD
Work Circle Naland

Estimate for Motorable of Road from NH30A Barhaine Pul Chatiyana Link Road To Abu Mohammadpur RWD Balwapar More

Name of Road NH30A Barhaine Pul Chatiyana Link Road To Abu Mohammadpur RWD Balwapar More										
Sl. No.	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (in Rs.)	
SUB HEAD : EARTHWORK, BRICKS BATS, SAND FILLING										
1	Construction of Embankment with material obtained from borrow pits with a lift upto 1.5 m , transporting to the site spreading , grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5 .									
2	Construction of Bricks Bats Providing Laying dry Graded Jhama khoa or stone filter under Brick Pitching/ Brick bats or Boulder pitching in slope or apron including light ramming etc all complete or per approve design specification and direction of E/I	Cum					0.00	182.18		0.00
Total Quantity =							227.50	9214.07	503701.20	
							227.50	2294.91	5,22,081.00	
									5,22,081.00	

503701200

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 20.01.2021
 EE
 RWD

JE
 19/01/2021
 RWD

Name of Road NH30A Barhaine Pul Chatiyana Link Road To Abu Mohammadpur
 Block RWD Balwapar More
 District HARNAUT
 NALANDA

Calculation of Brick Bats

Sl.No	Length(m)	Width(m)	Hight(m)	Quantity(cum)
1	22.000 ×	$\frac{1.500 + 2.000}{2}$	$\frac{1.200 + 1.600}{2}$	53.90 M ³
2	25.000 ×	$\frac{1.600 + 1.800}{2}$	$\frac{1.300 + 1.500}{2}$	59.50 M ³
3	19.000 ×	$\frac{1.200 + 1.500}{2}$	$\frac{1.100 + 1.600}{2}$	34.63 M ³
4	17.000 ×	$\frac{1.300 + 1.600}{2}$	$\frac{1.200 + 1.500}{2}$	33.28 M ³
5	17.000 ×	$\frac{1.400 + 1.500}{2}$	$\frac{1.100 + 1.400}{2}$	30.81 M ³
6	3.000 ×	$\frac{0.900 + 0.900}{2}$	$\frac{1.200 + 1.400}{2}$	3.51 M ³
7	5.500 ×	$\frac{1.200 + 1.300}{2}$	$\frac{1.200 + 1.600}{2}$	9.63 M ³
8	3.000 ×	$\frac{0.600 + 0.700}{2}$	$\frac{1.000 + 1.300}{2}$	2.24 M ³
Total				227.50 M ³

19/01/2021
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NH3
 19-1-2021
 AL

20.01.2021

Analysis for Carriage by Road (By Tractor)

Name of Road:-- NH30A Barhaine Pul Chatiyana Link Road To Abu Mohammadpur RWD Balwapar More

District:- NALANDA

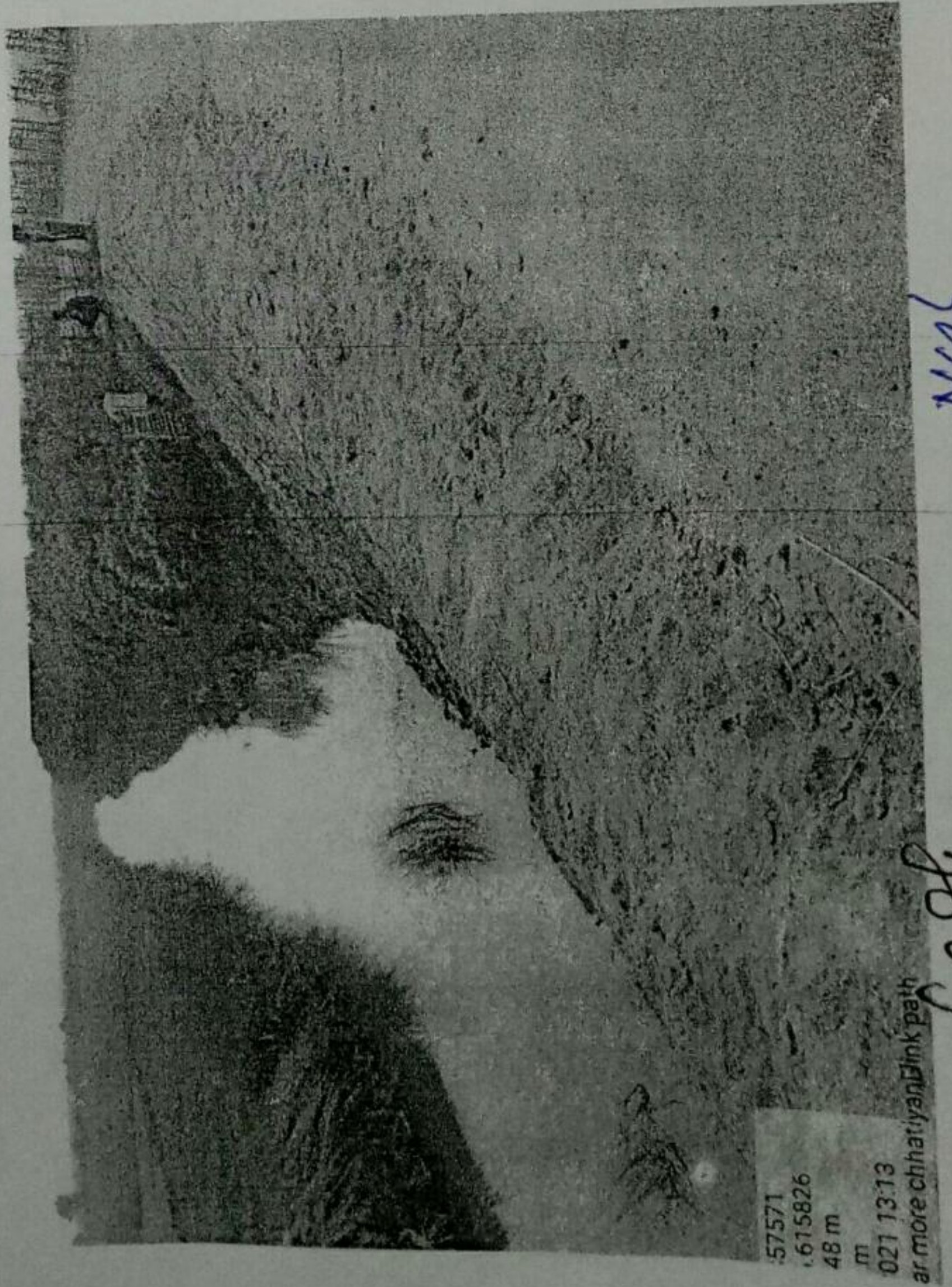
Block :- HARNAUT

Sl No	Item with Source	Unit	Source Up to	Carriage Cost & Lead in Km			Loading & Unloading Cost	Carriage Cost by Rail Head	Total
				Pucka / Surface	Katcha				
1	Brick bat	Cum	Local	$\frac{3.60}{2.25} \times 18.14$	$\frac{3.60}{2.25} \times 22.67$	$\frac{3.60}{2.25} \times 1.00$	190.67	0.00	Rs. 430.15


 JE
 RWD

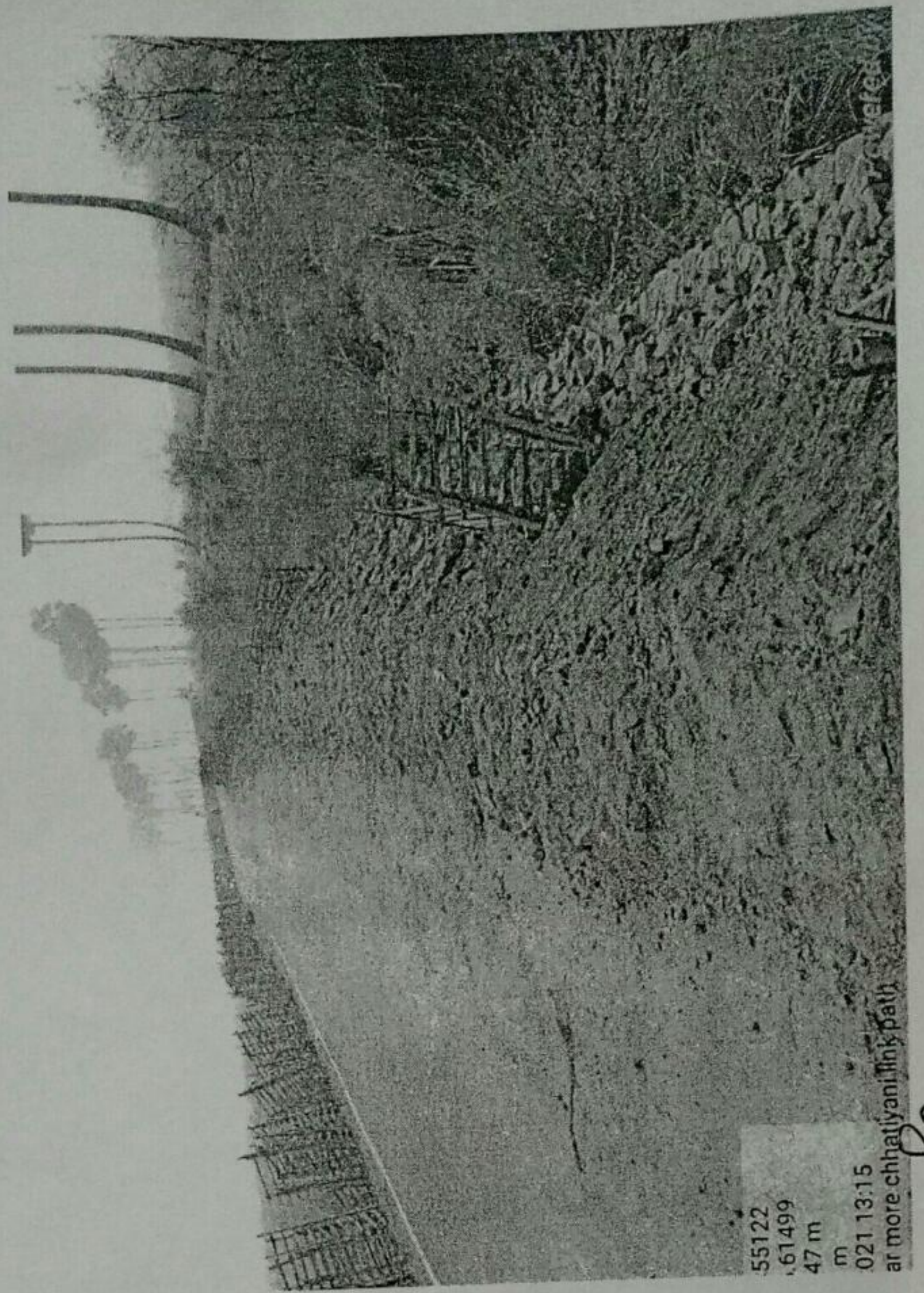
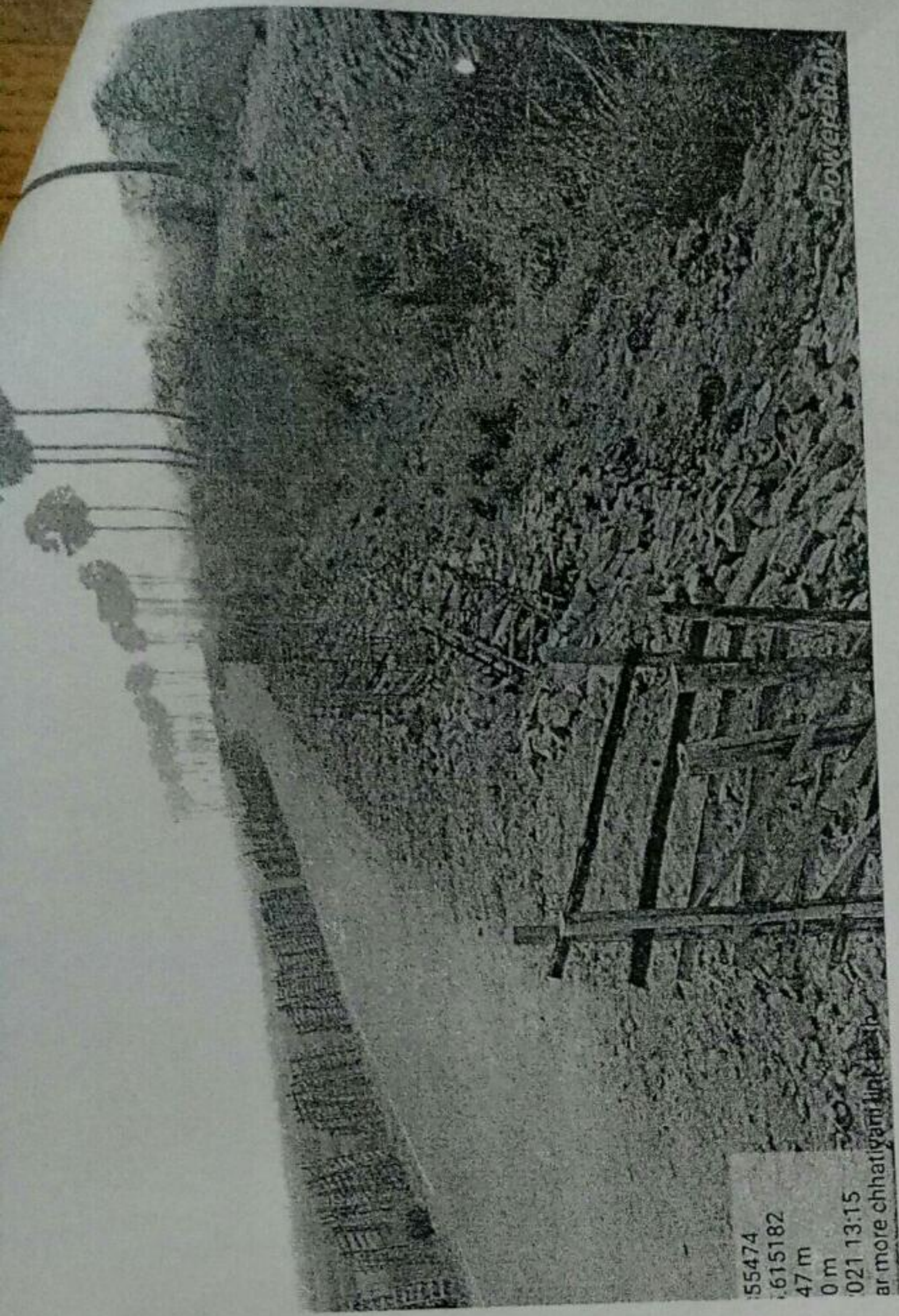

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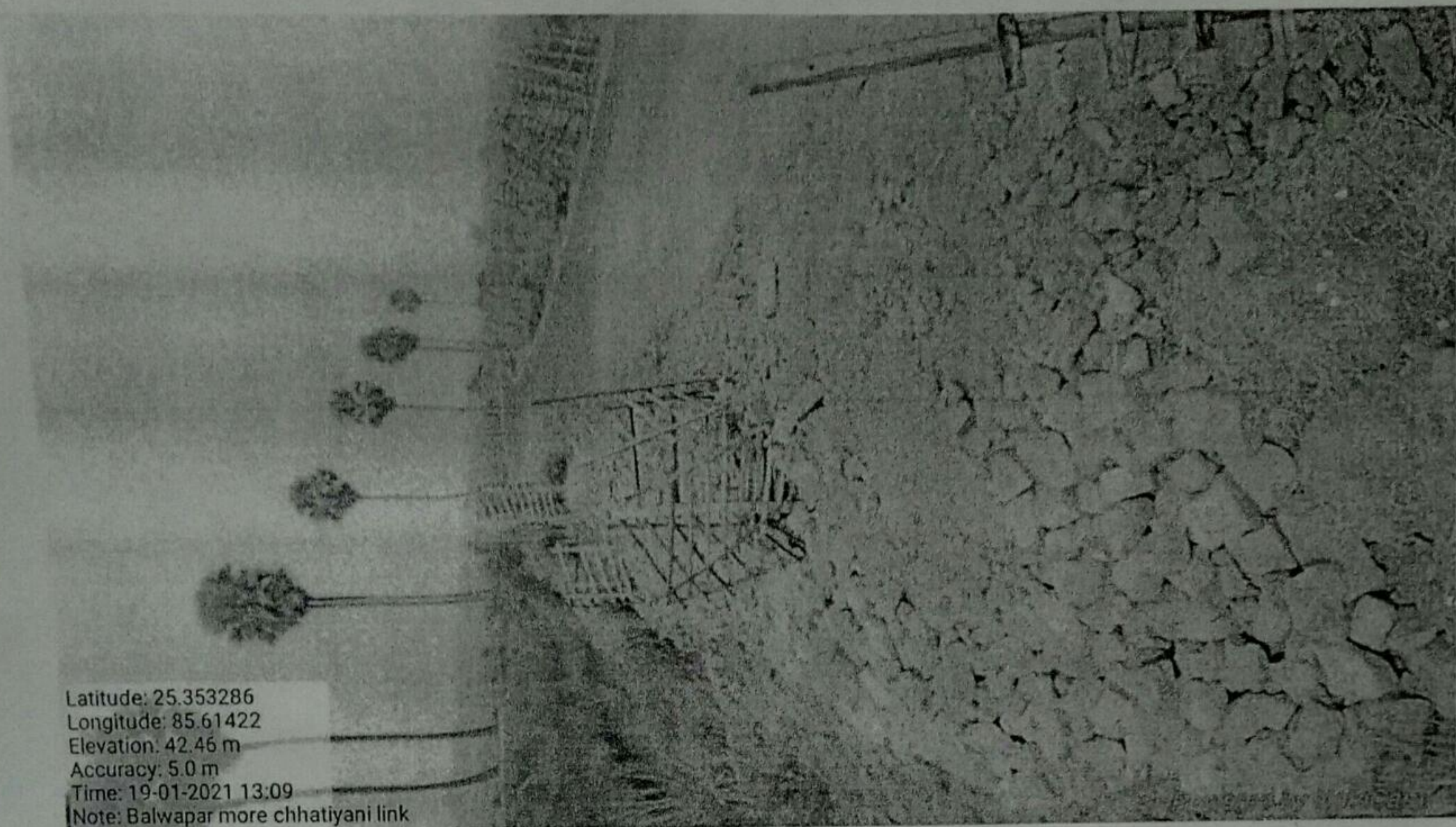


Nov 7-2021
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Nov 7-2021
T.T



Nov 7-2021
H



Latitude: 25.353286
Longitude: 85.61422
Elevation: 42.46 m
Accuracy: 5.0 m
Time: 19-01-2021 13:09
Note: Balwapar more chhatiyani link

1302-103
Nishu



Latitude: 25.357555
Longitude: 85.615845
Elevation: 39.48 m
Accuracy: 5.0 m
Time: 19-01-2021 13:14
Note: Balwapar more chhatiyani link path

1305/10/108
Gadga