

प्रपत्र-41

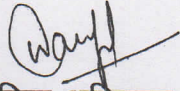
NAME OF WORK-DUMPING YARD WORKS OF RANTHI-BORA GAON MOTOR ROAD.

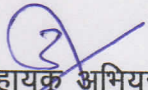
विकास खण्ड का नाम :- धार मूला

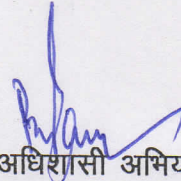
प्रतिवेदन

प्रस्तुत प्राक्कलन उक्त मोटर मार्ग के निर्माण के समय उत्सर्जित मलवे के निस्तारण हेतु गठित किया गया है। उत्सर्जित मलवे के निस्तारण हेतु स्थल चयन हेतु संयुक्त निरीक्षण किया गया, निरीक्षण के समय मार्ग के प्रस्तावित खेला गर्गुवा मो0मा0 के चैनेज संख्या किमी0 2.975, एवं आवेदित वनभूमि के किमी0 0.350, किमी0 1.550 पर स्थलों का चयन किया गया है। उक्त स्थल मार्ग के किनारे पर स्थित है। मलवा निस्तारण हेतु खड्ड साइड में मार्ग के समानान्तर वायरक्रेट लगाये जाने का प्रावधान है।

अतः उक्तानुसार उत्सर्जित मलवे के निस्तारण हेतु रु052.22 लाख का प्राक्कलन गठित किया गया है। उक्त प्राक्कलन के अनुसार ही मार्ग निर्माण के समय उक्त कार्य भी कराये जायेंगे।


कनिष्ठ अभियन्ता,
नि0ख0, लो0नि0वि0
अस्कोट


सहायक अभियन्ता,
नि0ख0, लो0नि0वि0
अस्कोट


अधिशाली अभियन्ता,
नि0ख0, लो0नि0वि0
अस्कोट

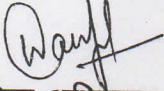
प्रपत्र-41

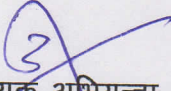
NAME OF WORK-DUMPING AND WORKS OF RANTHI-BORA GAON MOTOR ROAD.

विकास खण्ड का नाम :- धारचूला

मक डम्पिंग प्लान/प्रमाण पत्र

प्रमाणित किया जाता है जनपद पिथौरागढ़ में राथी से बोरगाँव मोटर मार्ग के निर्माण से उत्पादित मलबे को उचित प्रक्रिय नुसार सुरक्षित स्थान पर डम्प किया जायेगा। मलबा कहीं भी वृक्ष आच्छादित क्षेत्र, जल स्रोतों में नहीं डाला जायेगा।


कनिष्ठ अभियन्ता,
नि०ख०, लो०नि०वि०
धारचूला (अस्कोट)


सहायक अभियन्ता,
नि०ख०, लो०नि०वि०
धारचूला (अस्कोट)


अधिसासी अभियन्ता,
नि०ख०, लो०नि०वि०
धारचूला
अस्कोट


जन क्षेत्र अधिकारी
धारचूला
जन प्रभाग पिथौरागढ़

NAME OF WORK-DUMPING ZONE IN CIVIL LAND OF BALUWAKOTE-KANDA MOTOR ROAD.

NAME OF BLOCK- DHARCHULA (PITHORAGRAH)

NAME OF BLOCK- DHARCHULA (PITHORAGRAH)								
Details of Muck disposal Yards with land Owner Detail								
S.NO.	Chainage	Name of Land owner &Village	Land in Hect	land in Sqm.	No.	Land area being used for Dumping Yards (Sqm)	Longitude	Latitude
1	ch. 0.350	Sh. Bahadur Ram	0.071	710		710	80 33'25.19"	29 53'28.29"
	ch. 0.350	Sh. Harpal Ram						
2	ch. 1.550	Sh. Jagat Singh	0.077	770		780	80 32'56.49"	26 53'02.80"

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सि. वि. वि.

अभियन्ता
जर्गल अण्ड होनिठि
अस्कोट (पिथौरगढ़)

श्री

बन क्षेत्राधिकारी
धार्चुला
बन विभाग पिथौरगढ़

NAME OF WORK-DUMPINGYARD WORKS OF RANTHI-BORA GAON MOTOR ROAD.

NAME OF BLOCK- DHARCHULA (PITHORAGRAH)

MUCK DUMPING

S.N O.	Location of Muck Dumping Zone			Type of land	No.	Catchment area of Muck dumping Zone		Area(Sqm)	Area(Hect)
	Longitude	Latitude	Lonaitude			Length (M)	Width(M)		
1	Ch.2/39 of Proposed Khela Gurguguwa MR	29 53'34.56"	80 33'25.19"	Civil Land		100	5	500	0.050
2	Ch.0/14-0/17	29 53'28.29"	80 33'25.19"	Nap Land		105	6	630	0.063
3	Ch1/22-1/25	26 53'02.80"	80 32'56.49"	Nap Land		110	7	770	0.077

Dayal

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प्र. प्र. अधिकारी

धारचूला

न. प्र. विभाग

प्र. प्र. अधिकारी
धारचूला
न. प्र. विभाग

प्र. प्र. अधिकारी
धारचूला
न. प्र. विभाग

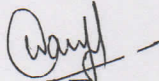
66

ANALYSIS OF RATE

NAME OF WORK-DUMPING YARD WORKS OF RANTHI-BORA GAON MOTOR ROAD.

Rate Applied P.W.D. S.O.R. Date 16/5/2014

Sl. No	Item Description		Rate Block 50 Dharchula	Unit
1	16-1	Excavation in foundation for retaining & breast walls in all types of soils and rocks including lead, lift and disposal of surplus materials per direction of engineer - in - charge	262.30	cu.m
2	14-2	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire cu.m conforming to IS:280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than	2,049.40	cu.m
3	1-10-2	Haulage excluding Loading & Unloading Haulage of materials by tipper excluding cost of loading, unloading and stacking (taking output 10 t load and lead 10 km = 100 t.km) Unsurfaced Gravel Road	6.20	Tonne. Km
4	1-1-2	Loading of Earth, Sand, Stone chips, Moorum, Manure, Flyash by manual means including a lead upto 30 m	43.40	Cum


J.E.


A.E.
सहायक अभियंता
उपखण्ड लो.नि.वि.
धरचूला


अधिसूचि अभियंता
मार्ग सण्ड लो.नि.वि.
अस्कोट (पिथौरागढ़)


जन सेवाधिकारी
धरचूला
मार्ग विभागाध्यक्ष

DETAIL OF MESUREMENT (Nap Land)

**NAME OF WORK-DUMPING/ RD WORKS OF RANTHI-BORA GAON
MO TOR ROAD.**

LENGTH 2 K.M

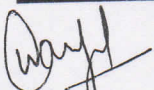
- 1 Excavation in foundation for retaining & breast walls in all types of soil and rock including lead, lift and disposal of surplus material as per specification.

SI No.	Location of wire crate	Nos.	Length (in m)	Breadth (in m)	Depth / Height (in m)	QUANTITY	Unit	REMARK
1	Nap Land Ch. 0/14-0/18	1x1	105.00	1.50	0.50	78.75	cum	
2	Nap Land Ch. 1/22-1/25	1x1	110.00	1.50	0.50	82.50	cum	
	Sides	1x2	7.50	1.50	0.50	11.25	Cum	
	Sides	1x2	7.00	1.50	0.50	10.50	Cum	
					TOTAL	183.00	cum	

Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire cum conforming to IS:280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally)

- 2 including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301

SI No.	Location of wire crate	Nos.	Length (in m)	Breadth (in m)	Depth / Height (in m)	QUANTITY	Unit	REMARK
1	Nap Land Ch. 0/14-0/18							
	Ist Step	1x1	100.00	1.50	1.50	225.00	cum	
	IIst Step	1x1	100.00	1.50	1.50	225.00	cum	
	IIIrd Step	1x1	100.00	1.50	1.50	225.00	cum	
	Sides	1x2	7.50	1.50	4.00	90.00	cum	
2	Nap Land Ch. 0/14-0/18							
	Ist Step	1x1	110.00	1.50	1.50	247.50	cum	
	IIst Step	1x1	110.00	1.50	1.50	247.50	cum	
	IIIrd Step	1x1	110.00	1.50	1.50	247.50	cum	
	Sides	1x2	7.50	1.50	4.00	90.00	cum	


J.E.


अधिसा अमियन्ता
सहायक ले. नि. वि.
मण्डल अधिकारी


अधिसा अमियन्ता
मार्ग खण्ड ले. नि. वि.
अस्कोट (पियौरागढ़)

A.E.

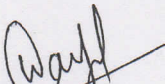
NAME OF WORK-DUMPING YARD WORKS OF RANTHI-BORA GAON MOTOR ROAD.

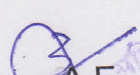
LENGTH 2 K.M

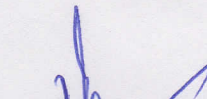
- 1 Excavation in foundation for retaining & breast walls in all types of soil and rock including lead, lift and disposal of surplus material as per specification.

Sl No.	Location of wire crate	Nos.	Length (in m)	Breadth (in m)	Depth / Height (in m)	QUANTITY	Unit	REMARK
Total						1,597.50	cum	

3	Haulage excluding Loading & Unloading Haulage of materials by tipper excluding cost of loading, unloading and stacking (taking output 10t load and lead 10 km = 100 t.km) Unsurfaced Gravel Road							
	Average density of Debris (E&B) = 1600 Kg/cum or 1.6 tonne/cum Thus, Weight of Debris = $9273.6 \times 1.6 = 14837.76$ tonne Average Distance of Dumping Yard = 1.00 Km							
	Thus material to be disposed	14,837.76	X	1.00	=	14,837.76	per Tonne.Km	
4	Loading of Earth, Sand, Stone chips, Moorum, Manure, Flyash by manual means including a lead upto 30 m							
						=	5,796.00	Cum


J.E.


A.E.
अभिषेक लोनिवि
प्रमुख
प्रमुख


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अभिषेक लोनिवि

J.E.

A.E.

Bill of Quantity (Nap Land)

NAME OF WORK-DUMPING YARD WORKS OF RANTHI-BORA GAON MOTOR ROAD.

SI No	SOR No.	Name of Item	Quantity	Unit	Rate	Per	Amount
1	16-1	Excavation in foundation for retaining & breast walls in all types of soil and rock including lead, lift and disposal of surplus material as per specification.	183.00	Cum	262.30	Cum	48000.90
2	14-2	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301	1597.50	Cum	2049.40	Cum	3273916.50
3	1-10-2	Haulage excluding Loading & Unloading Haulage of materials by tipper excluding cost of loading, unloading and stacking (taking output 10t load and lead 10 km = 100 t.km) Unsurfaced Gravel Road	14837.76	Tonne.km	6.20	Tonne.km	91994.11
4	1-1-2	Loading of Earth, Sand, Stone chips, Moorum, Manure, Flyash by manual means including a lead upto 30 m	5796.00	Cum	43.40	Cum	251546.40
Total							3665457.91

5. 1-1-3 धारा व बीड प्रशोधन
20/11/2022 वा.ग.

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प्रमाणित
प्रमाणित

प्रमाणित वन अधिकारी
प्रमाणित वन अधिकारी

योग

A.E.
सहायक अभियन्ता
उपखण्ड लो.नि.वि.
धारचूला

अधिसूचना अभियन्ता
प्रमाणित वन अधिकारी
अस्मोट (प्रमाणित)

20000020
3865457.91
22409.20
3942766.20

DETAIL OF MESURMENT (CIVIL LAND)

(77)

NAME OF WORK-DUMPING YARD WORKS IN CIVIL LAND OF RANTHI-BORGAON MOTOR ROAD.

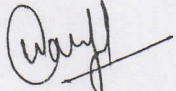
LENGTH 2 K.M

- 1 Excavation in foundation for retaining & breast walls in all types of soil and rock including lead, lift and disposal of surplus material as per specification.

SI No.	Location of wire crate	No. s.	Length (in m)	Breadth (in m)	Depth / Height (in m)	QTY	Unit	REMARK
1	Civil Land ch. 2/39 (khela gurguwaMR)	1 1	100.00	1.50	0.50	75.00	cum	
	Sides	1 2	5.50	1.50	0.50	8.25	Cum	
					TOTAL	83.25	cum	

- 2 Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire cu.m conforming to IS:280 and IS:4626 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301

SI No.	Location of wire crate	No. s.	Length (in m)	Breadth (in m)	Depth / Height (in m)	Qty	Unit	REMARK
1	Civil Land ch. 2/39 (khela gurguwaMR)							
	Ist Step	1 1	100.00	1.50	1.50	225.00	cum	
	Ist Step	1 1	100.00	1.50	1.50	225.00	cum	
	Illrd Step	1 1	100.00	1.50	1.50	225.00	cum	
	Sides	1 2	5.50	1.50	4.50	74.25	cum	
					Total	749.25	Cum	


Junior Engineer
Const. Div.
PWD Askote


Asst. Engineer
Const. Div.
PWD Askote


अध्यापक
अभियंता
अभियंता


अध्यापक अभियंता
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अभियंता अभियंता

(52)

B II of Quantity (CIVIL LAND)

**NAME OF WORK-DUMPING YARD WORKS IN CIVIL LAND OF RANTHI-BORA
GAON MOTOR ROAD.**

SI No	SOR No.	Name of Item	QTY	Unit	Rate	Per	Amount
1	16-1	Excavation in foundation for retaining & breast walls in all types of soil and rock including lead, lift and disposal of surplus material as per specification.	83.25	Cum	262.30	Cum	21836.48
2	14-2	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 301	749.25	Cum	2049.40	Cum	1535512.95
						Total	1557349.43

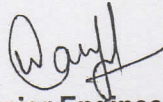
धारा 3 की प्रजाधिकारी से प्राप्त -

200000 = 2

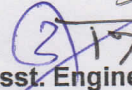
1757349.43

35146-90

21792495 = 90


Junior Engineer
Const. Div.
PWD Askote

2905 तिथि से लेना शुरू
योग


Asst. Engineer
Const. Div.
PWD Askote


वन क्षेत्राधिकारी
धारचुला
वन प्रभाग पिथौरागढ़


अधिसार, अधिवक्ता
भारतीय सड़क लॉजिस्टिक्स
अस्कोट (पिथौरागढ़)


प्रभागीय वन अधिकारी
पिथौरागढ़ वन प्रभाग

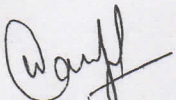
MUCK DISPOSAL PLAN

NAME OF WORK-DUMPING YARD WORKS OF RANTHI-BORA GAON MOTOR ROAD.

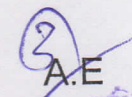
Summary of Result

1	The quantity of material received from hill side cutting	25200.00	Cum
	(Sheet attached on page 10-)		
2	The quantity of material used in various iteams	16851.82	Cum
	(Sheet attached on page 10-)		
3	Total numbers of dumping yards needed for the dumping of muck		
	(i) In civil land	1	Nos
	(ii) In nap land	2	Nos
	Total	3	Nos
	Carrying capacity of dumping yards		
	(i) In civil land	1561.70	Cum
	(ii) In nap land	4281.80	Cum
	Total	5843.50	Cum
5	Land ownership report (Nap Land)		
	(Sheet attached on page no-)		
6	Total Amount for Construction of dumping Yards		
	(i) In civil land	15.57	Lacs
	(ii) In nap land	36.65	Lacs

Total land 17,92445 Lacs.


J.E.


अधीक्षक
धारचूला
वन प्रभाग पिथौरागढ़


A.E.
सहायक अभियन्ता
उपखण्ड लो.नि.वि
धारचूला


प्रभागीय वन अधिकारी
पिथौरागढ़ वन प्रभाग


अधीक्षक अभियन्ता
उपखण्ड लो.नि.वि
अरकोट (पिथौरागढ़)

NAME OF WORK-DUMPINGYARD WORKS OF RANTHI-BORA GAON MOTOR ROAD.

LENGTH 2 K.M

SI No.	Item of work	Nos.	Length (in m)	Breadth (in m)	Depth / Height (in m)	Content	Unit
1	Muck Obtained from H.S Cutting	1x 1/2x2	1,000.00	6.00	3.00	18,000.00	cum
	swelling Factor @ 40%					7,200.00	cum
					TOTAL	25,200.00	cum
2	Muck used in Construction Work						
	1) Retaining Walls	x2	500.00	(1.93+0.60)/2	4.00	5,060.00	cum
	2) Breast Walls	x2	400.00	(0.90+0.60)/2	1.80	1,080.00	cum
	3) Construction of scupper	1 1/2x8	37.09	-	-	593.44	cum
	swelling Factor @ 40 %				Total solid	6,733.44	cum
					TOTAL	2,693.38	cum
	4) HP Stone Filling		900.00	1.00	4.00	1,800.00	cum
	5) Soling Work	1x2	1000.00	4.05	0.15	1,215.00	cum
	6) Making Subgrade	1x1	2000.00	6.00	(0.00+0.30)/2	1,800.00	cum
	7) Loss during construction (By excavator & tipper)	x1/2	2000.00	2.25	1.16	2,610.00	cum
					Total	16,851.82	cum
					or	66.87	%
	8) Natural disposal due to Rain and steep slope	-	-	-	-	10.00	%
					Total percent of qty say	76.87	%
					Balance qty for required disposal	77.00	%
						23.00	%
					Qty in cum	5,796.00	cum

(Signature)

JE

(Signature)
 સહાયક અધિકારી
 વપરાશ નોનિ.વિ.
 ધારૂલા

(Signature)
 અધિકારી અધિકારી
 નિર્માણ સુપ્ડ લોનિ.વિ.
 અસ્કોટ (પિયોચગઢ)

(Signature)
 વપરાશ અધિકારી
 ધારૂલા
 રાજ્ય વપરાશ વિભાગ

NAME OF WORK-DUMPINGYARD WORKS OF RANTHI-BORA GAON MOTOR ROAD.

Sl.No.	Location of dumping yard	Size of dumping yard						Capacity of dumping yard(Cum)	Type of land	Remark
		1	1	1	1	6.00	+	3.20		
1	Ch.2/39 of Proposed Khela Gurguguwa MR	1 x 1	97.00	3.50					1561.70	Civil land
2	Ch.0/14-0/17	1 x 1	102.00	4.50		4.20			1927.80	Nap land
3	Ch1/22-1/25	1 x 1	107.00	5.50		4.00			2354.00	Nap land
							Total		5843.50	

Summary of Debris Disposal

Sl. No.	Total Debris	Material disposal by cartage	Reused material for road construction	Total disposal in dumping zone	Balance Debris
1	25,200.00	5,796.00	16,851.82	5,796.00	Nil

Wadhwa

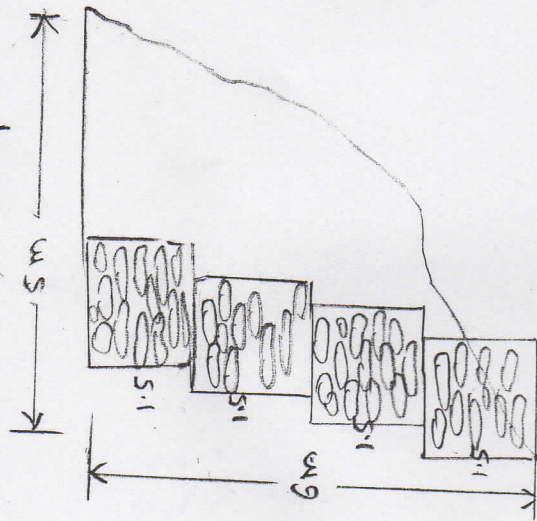
JC

3/26
महाराष्ट्र शासन
उपमुख्यमंत्री
महाराष्ट्र शासन
महाराष्ट्र शासन

Wadhwa
उपमुख्यमंत्री
महाराष्ट्र शासन
महाराष्ट्र शासन

Wadhwa
महाराष्ट्र शासन
महाराष्ट्र शासन
महाराष्ट्र शासन

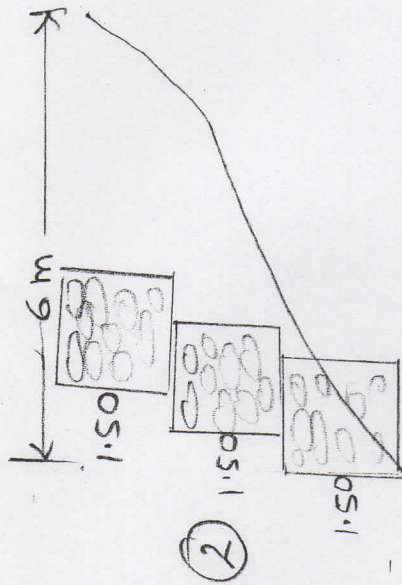
X-Section of Dumping yards of Ranthi-Boragon M/R



Ch. 2139

Length = 100m.

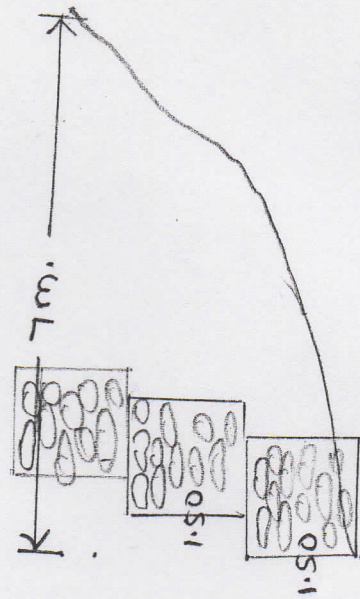
(Khela Gurquwa Khed Mir)



2

Ch. 0/14 - 0/17

length 105 m.



③

७८

॥ ५॥

बुन वधा पिथीराय

Ch. 1/22- 1/25

length 110.00 m.

3

सहायक अभियन्ता
उपखण्ड लो.नि.वि.

अपखण्ड लो. भि. वि.

14

Jeff

55

अभिषेकी अभियन्ता
गेर्नाज खण्ड लो०नि०वि०
अस्कोट (पिथौरगढ़)

श्री ० गि ० प्रि ०

आस्कोट (पिथौरागढ़)

76

रौंधी से बोरागाव माला मार्ग का निर्माण (ल. 2.70 किमी.)

(57)

(1)



(2)



प्रभागीय वन कारी
पिथौरागढ़ वन विभाग

वन क्षेत्र विकास
विभाग
पिथौरागढ़

JE, CD
PwD
Askoth

सहस्रक अभियन्ता
निर्माण खण्ड लो.नि.वि.
अस्कोट (पिथौरागढ़)

अधीक्षक अभियन्ता
निर्माण खण्ड लो.नि.वि.
अस्कोट (पिथौरागढ़)

तहसीलदार
बारवा



3

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तहसीलद
वास्वण

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सह क्षेत्राधिकारी
वास्वण
वास्वण

[Handwritten signature]
CD, PWD
Asikote

[Handwritten signature]
सहायक अभियन्ता
निर्माण खण्ड लो.नि.वि.
अस्कोट (पिथौरागढ़)

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अधिसूची अभियन्ता
मार्ग खण्ड लो.नि.वि.
अस्कोट (पिथौरागढ़)

[Handwritten signature]
हमनामाय वन अधिकारी
पिथौरागढ़ वन प्रभाग