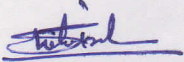


NAME OF WORK-DUMPING YARD WORKS OF SIRKHA SIRDHANG TO RUNG MOTOR ROAD.

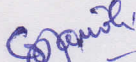
विकास खण्ड का नाम :- धारचूला

मक डम्पिंग प्लान/प्रमाण पत्र

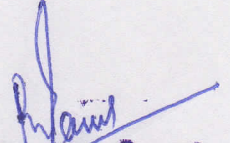
प्रमाणित किया जाता है जनपद पिथौरागढ़ में विकास खण्ड धारचूला के अर्न्तगत नारायण आश्रम मोटर मार्ग से सिर्खा सिर्दांग से रुग तक सम्पर्क मार्ग के निर्माण से उत्पादित मलबे को उचित प्रक्रियानुसार सुरक्षित स्थान पर डम्प किया जायेगा। मलबा कहीं भी वृक्ष आच्छादित क्षेत्र, जल श्रोतों में नहीं डाला जायेगा।



कनिष्ठ अभियन्ता,
नि०ख०, लो०नि०वि० अस्कोट



सहायक अभियन्ता,
नि०ख०, लो०नि०वि० अस्कोट



आध्यासी अभियन्ता,
नि०ख०, लो०नि०वि० अस्कोट

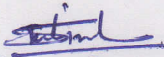
**NAME OF WORK-DUMPING YARD WORKS OF SIRKHA
SIRDHANG TO RUNG MOTOR ROAD.**

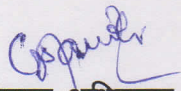
विकास खण्ड का नाम :- धारचूला

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 में आवेदित वनभूमि के चैनेज संख्या किमी० 0.000, 0.150, 1.475, 1.875, 2.725, पर स्थलों का चयन किया गया है। उक्त स्थल मार्ग के किनारे पर स्थित है। मवला निस्तारण हेतु खड्ड साइड में मार्ग के समानान्तर वायरक्रेट लगाये जाने का प्रावधान है।

अतः उक्तानुसार उत्सर्जित मलवे के निस्तारण हेतु रु० 84.42 लाख का प्राक्कलन गठित किया गया है। उक्त प्राक्कलन के अनुसार ही मार्ग निर्माण के समय उक्त कार्य भी कराये जायेंगे।


कनिष्ठ अभियन्ता,
नि०ख०, लो०नि०वि०
अस्कोट


सहायक अभियन्ता,
नि०ख०, लो०नि०वि०
अस्कोट

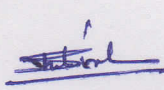

अधिशिष्ट अभियन्ता,
नि०ख०, लो०नि०वि०
अस्कोट

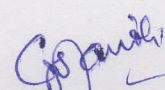
ANALYSIS OF RATE

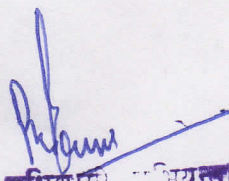
**NAME OF WORK-DUMPING YARD WORKS OF SIRKHA SIRDHANG TO
RUNG MOTOR ROAD.**

Rate Applied P.W.D.S.O.R. Date 1/5/2015

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 material as per direction of engineer - in - charge	308.40	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 tha	2,159.30	cu.m
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	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	46.00	Cum


J.E.

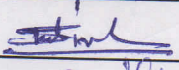
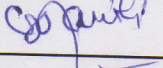
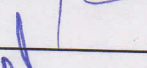
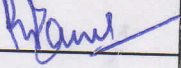

सहायक अभियन्ता
लोहागिदि धारचूला (अस्कोट)
पिपौरगढ


निर्माण खाण्ड, लोहागिदि
अस्कोट

INDEX

Sl. NO.	PARTICULARS	PAGE NO.
1	TITLE PAGE	
2	INDEX	
3	REPORT	
4	REFERENCE LETTER NO.	
5	SPECIFICATION	
6	ANALYSIS OF RATES	
7	DETAILS OF MEASUREMENTS	
8	BILL OF QUANTITY	
9	SUMMARY OF ESTIMATED COST	
10	PLAN / DRAWINGS	

LIST OF OFFICERS

Sl. NO.	DESIGNATION	NAME	FULL SIGNATURE
1	Jr.Engineer	Er. INDRA SINGH	
2	Asstt. Engineer	Er. GOVIND JANOTI	
3	Jr.Engineer (T)	Er. JOGA RAM	
4	Executive.Engineer	Er. P.C.PANT	
5	J.E. (T) 3rd Cirle, P.W.D, Pithoragarh	Er. KM. SAPNA BHATT	
6	Supt.Engig. 3rd Cirle, P.W.D., Pithoragarh	Er. G.C.ARYA	

NAME OF WORK-DUMPING YARD WORKS OF SIRKHA SIRDHANG TO RUNG MOTOR ROAD.

LENGTH 3 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	1x1/2	3,000.00	6.00	4.00	36,000.00	cum
	swelling Factor @ 40%					14,400.00	cum
	TOTAL					50,400.00	cum
2	Muck used in Construction Work						
	1) Retaining Walls	1x1	1350.00	(1.93+0.60)/2	4.00	6,831.00	cum
	2) Breast Walls	1x1	1200.00	(0.90+0.60)/2	1.80	1,620.00	cum
	3) Construction of scupper	1x8	111.27	-	-	890.16	cum
	4) Filling wirecrates for dumping yard					2,931.75	cum
	Total solid					12,272.91	cum
	swelling Factor @ 40 %					4,909.16	cum
	TOTAL					17,182.07	cum
	5) HP Stone Filling	1x1/2	1350.00	1.00	4.00	2,700.00	cum
	6) Solling Work	1x1	3000.00	4.05	0.15	1,822.50	cum
	7) Making Subgrade	1x1	3000.00	6.00	(0.00+0.30)/2	2,700.00	cum
	8) Loss during construction (By excavator & tipper)	1x1/2	3000.00	2.25	1.16	3,915.00	cum
	Total					28,319.57	cum
	or					56.19	%
	9) Natural disposal due to Rain and steep slope	-	-	-	-	10.00	%
	Total percent of qty say					66.19	%
	Balance qty for required disposal					70.00	%
	Qty in cum					15,120.00	cum

[Signature]
J.C.

[Signature]
सहायक अभियन्ता
लो (नि) वि. धारवाला (अस्कोट)
पिरोसरद

[Signature]
बधिशामी अभियन्ता
विर्वाण खाड, ल. नि. वि.
अस्कोट

NAME OF WORK-DUMPING YARD WORKS OF SIRKHA SIRDHANG TO RUNG MOTOR ROAD.

Sl.No.	Location of dumping yard	Size of dumping yard				Capacity of dumping yard(Cum)	Type of land	Remark
2	Ch. 0/0	1 x 0.5	75.00	12.00	3.00	1350.00	Nap Land	
2	Ch. 0/6	1 x 0.5	100.00	10.00	4.00	2000.00	Nap Land	
2	Ch. 0/19	1 x 0.5	107.00	15.00	4.00	3210.00	Nap Land	
2	Ch. 1/35	1 x 0.5	110.00	20.00	5.50	6050.00	Nap Land	
2	Ch. 2/29	1 x 0.5	130.00	13.00	4.00	3380.00	Nap Land	
					Total	15990.00		

Carrying capacity of dumping yards

(i) In civil land

Cum

(ii) In nap land

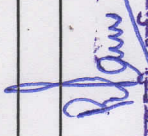
Cum

15990.00

Summary of Debris Disposal

Sl. No.	Total Debris	Reused material for road construction	Total quantity of muck to be disposed	Total capacity of dumping yards	Balance Debris
1	50,400.00	28,319.57	15,120.00	15,990.00	Nil
2					
3					


 सहायक अभियन्ता
 लोडिंग डिपार्टमेंट (असम)


 अधीक्षक अभियन्ता
 विमान खण्ड, लोडिंग डिपार्टमेंट

DETAIL OF MESURMENT (NAP LAND)

**NAME OF WORK-DUMPING YARD WORKS OF SIRKHA SIRDHANG TO RUNG
MOTOR ROAD.**

LENGTH 3 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 wirecrate	Nos.	Length (in m)	Breadth (in m)	Depth / Height (in m)	QTY	Unit	REMARK
	Ch. 0/0	1x1	75.00	1.50	0.50	56.25	Cum	
		1x2	12.00	1.50	0.50	18.00	Cum	
	Ch. 0/6	1x1	100.00	1.50	0.50	75.00	Cum	
		1x2	10.00	1.50	0.50	15.00	Cum	
	Ch. 0/19	1x1	107.00	1.50	0.50	80.25	Cum	
		1x2	15.00	1.50	0.50	22.50	Cum	
	Ch. 1/35	1x1	110.00	1.50	0.50	82.50	Cum	
		1x2	20.00	1.50	0.50	30.00	Cum	
	Ch. 2/29	1x1	130.00	1.50	0.50	97.50	Cum	
		1x2	13.00	1.50	0.50	19.50	Cum	
					TOTAL	496.50	Cum	

J.E.

C. D. Patel.
सहायक अभियन्ता
मो. नि. वि. शास्त्रालय (अस्कोट)
पिपरीगढ

h. d. Patel.
अधिकांसी अभियन्ता
निर्माण खंड, लो. नि. वि.
अस्कोट

**NAME OF WORK-DUMPING YARD WORKS OF SIRKHA SIRDHANG TO RUNG
MOTOR ROAD.**

LENGTH 3 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 wirecrate	Nos.	Length (in m)	Breadth (in m)	Depth / Height (in m)	QTY	Unit	REMARK
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 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)	QTY	Unit	REMARK
	Ch. 0/0							
	In 3 steps	1x3	75.00	1.50	1.50	506.25	cum	
	Sides	1x2	12.00	1.50	1.50	54.00	cum	
	Ch. 0/6							
	In 3 steps	1x3	100.00	1.50	1.50	675.00	cum	
	Sides	1x2	10.00	1.50	1.50	45.00	cum	
	Ch. 0/19							
	In 3 steps	1x3	107.00	1.50	1.50	722.25	cum	
	Sides	1x2	15.00	1.50	1.50	67.50	cum	
	Ch. 1/35							
	In 3 steps	1x3	110.00	1.50	1.50	742.50	cum	
	Sides	1x2	20.00	1.50	1.50	90.00	cum	
	Ch. 2/29							
	In 3 steps	1x3	130.00	1.50	1.50	877.50	cum	
	Sides	1x2	13.00	1.50	1.50	58.50	cum	
			GRAND TOTAL			3,838.50	Cum	

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J.F.

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सहायक अभियन्ता
लो.प.नि.दि. धारवूला (अस्कोट)
पिपौराजक

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अधिशामी अभियन्ता
निर्माण डण्ड, लो. नि. वि.
अस्कोट

**NAME OF WORK-DUMPING YARD WORKS OF SIRKHA SIRDHANG TO RUNG
MOTOR ROAD.**

LENGTH 3 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 wirecrate	Nos.	Length (in m)	Breadth (in m)	Depth / Height (in m)	QTY	Unit	REMARK
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=		1600.00	Kg/cum	1.60	tonne/cum		
	Thus, Weight of Debris=		15120.00	x	1.60	24192.00	tonne	
	Average Distance of Dumping Yard =				0.85	km		
	Thus material to be disposed		24,192.00	X	0.85	20,563.20 per Tonne.Km		
4 Loading of Earth, Sand, Stone chips,Moorum, Manure, Flyash by manual means including a								
= 15,120.00 Cum								

[Signature]
J.E.

[Signature]
सहायक अभियन्ता
ले. नि. दि. वास्मूला (अस्कोट)
पिरीयनद

[Signature]
अधिकासी अभियन्ता
विर्माण खण्ड, लो. नि. दि.
अस्कोट

Bill of Quantity (NAP LAND))

**NAME OF WORK-DUMPING YARD WORKS OF SIRKHA SIRDHANG TO RUNG
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.	496.50	Cum	308.40	Cum	153120.60
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 25 kg each as per drawing and technical specifications Clause 1301	3838.50	Cum	2159.30	Cum	8288473.05
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	20563.20	Tonne.km	6.20	Tonne.km	127491.84
4	1-1-2	Loading of Earth, Sand, Stone chips, Moorum, Manure, Flyash by manual means including a lead upto 30 m	15120.00	Cum	46.00	Cum	695520.00
						Total	8441593.65
						SAY IN LACK	84.42

चार प्रजाति व अन्य प्रजाति का
रोपण करवकरवा/ग

2 १ इन्फिडेल चार्ज.
J.E.

ब्रह्मगीय वन अधिकारी
विधोराग वन प्रभाव
विधोराग

SAY IN LACK

84.42

3.00
87.42
1.74
89.1684
A.E.
सहायक अभियन्ता
ले. नि. वि. धारक (अस्कोट)
पिपौराग

अधिशाली अभियन्ता
विभागीय खण्ड, ले. नि. वि.
अस्कोट

MUCK DISPOSAL PLAN

NAME OF WORK-DUMPING YARD WORKS OF SIRKHA SIRDHANG TO RUNG MOTOR ROAD.

Summary of Result

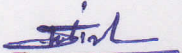
1	The quantity of material received from hill side cutting (Sheet attached on page no-)	50400.00	Cum
2	The quantity of material used in various items (Sheet attached on page no-)	28319.57	Cum
3	Total numbers of dumping yards needed for the dumping of muck		
	(i) In civil land		Nos
	(ii) In nap land	5	Nos
	Total	5	Nos
4	Carrying capacity of dumping yards		
	(i) In civil land	0.00	Cum
	(ii) In nap land	15990.00	Cum
	Total	15990.00	Cum
5	Land ownership reports(Nap Land) (Sheet attached on page no-)		
6	Total Amount for Construction of dumping Yards		
	(i) In civil land		Lacs
	(ii) In nap land	84.42	Lacs
	TOTAL	84.42	Lacs

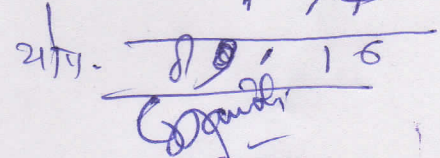
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घास प्रजारी काबोपन व वरवववाव

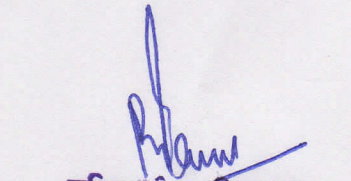
④

290 इमिडिउल चाल


J.E.

योग. 

सहायक A.E. कियन्ता
लो.नि.वि. धामुला (अस्कोट)
पि. उ. गढ


नविशाल अ. मयन्ता
निर्माण कार्य, लो. नि. वि.
अस्कोट

NAME OF WORK-DUMPING YARD WORKS OF SIRKHA SIRDHANG TO RUNG 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)
	X-section's	Latitude	Longitude			Length (M)	Width(M)		
12	Ch. 0/0			Nap Land		75.00	12.00	900.00	0.09
2	Ch. 0/6			Nap Land		100.00	10.00	1000.00	0.10
3	Ch. 0/19			Nap Land		107.00	15.00	1605.00	0.16
4	Ch. 1/35			Nap Land		110.00	20.00	2200.00	0.22
5	Ch. 2/29			Nap Land		130.00	13.00	1690.00	0.17

सहायक सचिव
मो. 011-26111111 धारचूला (अखंड)
पिथौरागढ़

अधिशक्ती अभियन्ता
निर्माण खण्ड, लो० नि० बि०
अखंड

NAME OF WORK-DUMPING YARD WORKS OF SIRKHA SIRDHANG TO RUNG MOTOR ROAD.

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 (Sqgm)	Longitude	Latitude
1	Ch. 0/0		0.09	900.0		900.00		
2	Ch. 0/6		0.10	1000.0		1000.00		
3	Ch. 0/19		0.16	1605.0		1605.00		
4	Ch. 1/35		0.22	2200.0		2200.00		
5	Ch. 2/29		0.17	1690.0		1690.00		

[Signature]
७-६

[Signature]
सहायक अभियन्ता
लोहमिदि धारसूला (अस्कोट)
पिथौरागढ़

[Signature]
अधिकासी अभियन्ता
निर्माण खण्ड, लो० नि० वि०
अस्कोट

N 29' 59 676
E 080 39 569

(1)



N 29' 59' 611

(2)

E 080 39 563



[Signature]

वन क्षेत्राधिकारी
बारचूला
वन प्रभाग पिथौरागढ़

[Signature]
राजस्व
उप निरीक्षक

[Signature]
J. E

[Signature]
सहायक अभियन्ता,
उपर न. पेनवि०,
बारचूला।

[Signature]

अधिशोषी अभियन्ता
निर्माण नो० नि० वि०
अस्कोट (पिथौरागढ़)

[Signature]
वन क्षेत्राधिकारी
बारचूला

[Signature]
राजस्व
उप निरीक्षक
पिथौरागढ़

[Signature]
अहसीलदार
बारचूला

[Signature]
प्रभागीय वन अधिकारी
पिथौरागढ़ वन प्रभाग
पिथौरागढ़

N 29° 59' 466 E 080° 39' 651

③



N 29° 59' 311

④

E 080° 39' 727



ब्रह्मगीय वन अधिकारी
विथोरागढ़ वन प्रभाग
पिथौरागढ़

वन क्षेत्राधिकारी
धारचूला
वन प्रभाग पिथौरागढ़

J.E.

N 29° 59' 517

⑤

E 080° 39' 794



सहायक अभियन्ता,
उपखण्ड, लो
धारचूला

अभिजासी अभियन्ता

निर्माण विभाग
अस्कोट (पिथौरागढ़)

वन क्षेत्राधिकारी
धारचूला

तहसीलदार
धारचूला

राजस्व
वन विभाग
पिथौरागढ़