

2.99 (1)

MUCK DISPOSAL PLAN

परियोजना का नाम:- जिला योजना के अन्तर्गत खितोली पुल से गुरगुच्चा प्राइमरी पाठशाला तक मो0 मार्ग (3.000 कि0मी0)।

भारत सरकार के पत्रांक 11/मिस0/618/2010 उ0प्र0, राज0, उत्तराखंड/11/58 दिनांक 16.04.2017 साथ संलग्न प्रारूप के अनुसार मलवा निस्तारण योजना।

Summary of Muck Disposal Plan

1	Calculation of muck to be generated Swell factor has to be applied	4885.65 cum As per item 1 of enclosed muck disposal plan.
2	Quantity of muck to be utilized in the project activities	Approximate 90% i.e. 4397.08 Cum As per item 2 of enclosed muck disposal plan.
3	Balance quantity of muck which requires disposal/management plan.	488.57 Cum As per item 3 of enclosed muck disposal plan
4	Carriage of muck from the muck generation site to the dumping site.	Provision for carriage of muck to muck disposal site is being made Rs 26871.35 As per item 4 of enclosed muck disposal plan.
5	Ownership of land the consent of land owners, in case muck disposal in proposed on non forest land. Photograph & carrying capacity of proposed dumping site (Muck disposal site)	State Govt. land (Private land not available) Consent of Revenue Department enclosed. Muck disposal site shown in Google map with co-ordinates. Carrying capacity of proposed dumping site 1200.00 cum. As shown in item 5 (a) of enclosed muck disposal plan.
6	Development of dumping site-construction of retaining walls and other structure as per requirement of the site. The objective is to completely stop rolling down of the muck.	Provision for development and construction of retaining walls etc. in dumping site is Rs 207570.00 being made as per item 5 (b) of enclosed muck disposal plan. Hence total provision for muck disposal is Rs 234441.35 will be made in detail estimate after sanction of forest land.
7	Rehabilitation of dumping site like leveling planting of grass, shrubs and tree species	Dumping site selected in khud side of the proposed motor road. After construction of motor road plantation will made by the Forest Department through the provision of both side plantation fund to be deposit this Department

Note :- Cost to be incurred on the above activities has to be given component wise. Detail of dumping site including length, width and height of structures to be executed must be mentioned Enclosed- Muck disposal plan and other papers.

Undertaking

I undertaking that :-

- 1- Muck management plan will be implemented by the user agency.
- 2- The proposed dumping site is located away from river/Stream/Nala.
- 3- Dumping site is not located in reserved forest.

Junior Engineer
C.D. P.W. D. Kapkot

Assitant Engineer
C.D. P.W. D. Kapkot
(बागेश्वर)

अभिषेक अभियन्ता
निर्माण कार्य लो० नि० वि०
कपकोट (बागेश्वर)
Executive Engineer
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परियोजना का नाम:- जिला योजना के अन्तर्गत खितोली पुल से गुरगुच्चा प्राइमरी पाठशाला तक मो० मार्ग (3.000 कि०मी०)।

Muck Disposal Plan

1. Material received from hill side cutting

In km. 1	$0.33 \times 1000 \times 3 \times (1.3+1.5)/2$	=1386.00 cum
In km. 2	$0.33 \times 1000 \times 3 \times (1.7+1.8)/2$	=1732.50 cum
In km. 3	$0.33 \times 300 \times 3 \times (1+1.5)/2$	= 371.25 cum
Total :-		= <u>3489.75 cum</u>
40% for swell factor :-		= <u>1395.90 cum</u>
Grand total :-		= <u>4885.65 cum</u>

2. Total material (muck) used in motor Road

During construction approximate 90% of
Total material in RR dry, HP ston filling.
And surface dressing etc.

= 4397.08 cum

3. Balance material (muck) to be deposited in

Muck desposal site. (1-2 above)

= 488.57 cum

4. Cost of cartage balance muck upto dumping site

488.57 cum @ Rs. 55.00/cum.

= Rs. 26871.35

5. Location and capacity of muck dumping yard.

(a) Construction of RR dry wall including
Supply of all materials, labour and T & P
Etc. required for proper completion of the
Work as per PWD detailed specification

Location	Size of dumping yard	QTY (in cum)	Type of land	Capacity of dumping yard
In km 1(xn- 0/5)	$1 \times 100 \times 1.0 \times (3+3.5)/2$	=325.00	State land	600.00 cum
In km 2(xn-0/19)	$1 \times 30 \times 1.0 \times 1.8$	=54.00	State land	100.00 cum
In km 3(xn-2/1)	$1 \times 100 \times 1.0 \times (2+3)/2$	= 250.00	State land	500.00 cum
Total:-		= 629.00		=1200.00 cum

(b) Total cost of construction of dumping

Yard 629.00 cum @ 330.00 per cum.

= Rs.207570.00

6. Total Cost of muck disposal plan. (4+5 (b))

=Rs 234441.35

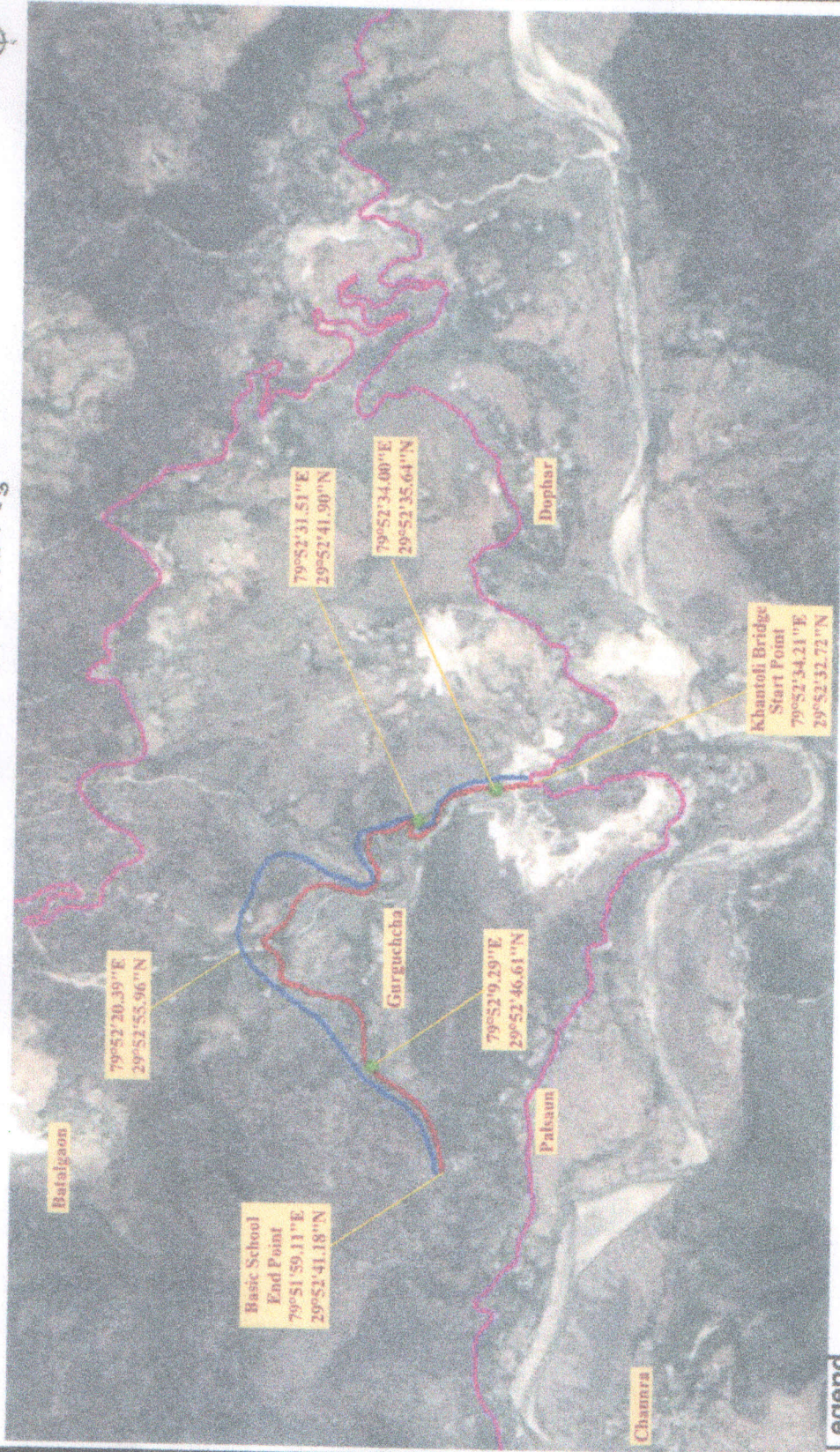
7. Dumping site selected in khud side of the proposed motor road. After construction of motor road plantation will be made by the forest Department through the provisions of both side plantation fund already deposited by this Department.

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Assistant Engineer
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कपकोट (भागेश्वर)

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डिजिटल मानचित्र - जनपद बागेश्वर के अन्तर्गत बालीघाट धरमघर मोटर मार्ग के खन्तोली पुली से गुरुगुच्चा प्राथमिक पाठशाला तक 3.00 किमी० मोटर मार्ग के निर्माण हेतु



Legend

- Proposed Road
- Existing Road
- Alternate Road
- Muck Dumping Zone

उपजिल्धिकारी
कप शोड

अधिसूचना
निर्माण कार्य हेतु
कपकोट

अधिसूचना
निर्माण कार्य हेतु
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अधिसूचना
निर्माण कार्य हेतु
कपकोट

2.19(5)



K.M= 1

X-S= 0/5

$79^{\circ}52'34.00''E$

$29^{\circ}52'35.64''N$



K.M= 1

X-S= 0/19

$79^{\circ}52'31.51''E$

$29^{\circ}52'41.90''N$

साहायक अभियन्ता
निर्माण खण्ड लो० नि० वि०
कपकोट (बागेश्वर)

अभिजादी अभियन्ता
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2.19 (67)



K.M= 3

X-S= 2/1

79°52'9.29 E

29°52'46.61 N

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