

परियोजना से उत्पादित मलवे के निस्तारण की समानचित्र योजना

परियोजना का नाम:- जनपद बागेश्वर में जिला योजना के अन्तर्गत गोगिना से कीमू मोटर मार्ग के निर्माण हेतु उत्तराखण्ड लोक निर्माण विभाग को हस्तान्तरण प्रस्ताव।

प्रमाणित किया जाता है कि जनपद बागेश्वर में जिला योजना के अन्तर्गत गोगिना से कीमू मोटर मार्ग के निर्माण हेतु उत्पादित होने वाले मलवे का निस्तारण टास्क फोर्स द्वारा की गयी संस्तुतियों (प्रस्ताव के पृ.सं. में संलग्न) के अनुसार किया जायेगा एवं तत्पश्चात अवशेष मलवे को मार्ग के किनारे उपलब्ध अतिरिक्त भूमि में (Passing places) एकत्रित किया जायेगा। मानचित्र संलग्न है।

सहायक अभियन्ता
नि०ख०लो०नि०वि०,कपकोट

अधिशाली अभियन्ता
नि०ख०लो०नि०वि०,कपकोट
विभाग मंडल ० ० वि०
कपकोट [बागेश्वर]

सहमत।

प्रभागीय वनाधिकारी
बागेश्वर

प्रपत्र-2.19.4

परियोजना का नाम :- जनपद बागेश्वर में जिला योजना के अन्तर्गत गोगिना कीमू मोटर मार्ग का निर्माण का नव निर्माण (7.00 किमी०) हेतु वनभूमि हस्तान्तरण प्रस्ताव।

मक डम्पिंग प्लान / प्रमाण -पत्र

प्रमाणित किया जाता है कि जनपद बागेश्वर में जिला योजना के अन्तर्गत गोगिना कीमू (7.00 किमी०) मोटर मार्ग के नव निर्माण में उत्पादित मलवे को उचित प्रक्रियानुसार स्थान पर डम्पिंग किया जायेगा। मलवा कहीं भी वृक्ष आच्छादित क्षेत्र एवं जल स्रोतों में नहीं डाला जायेगा।

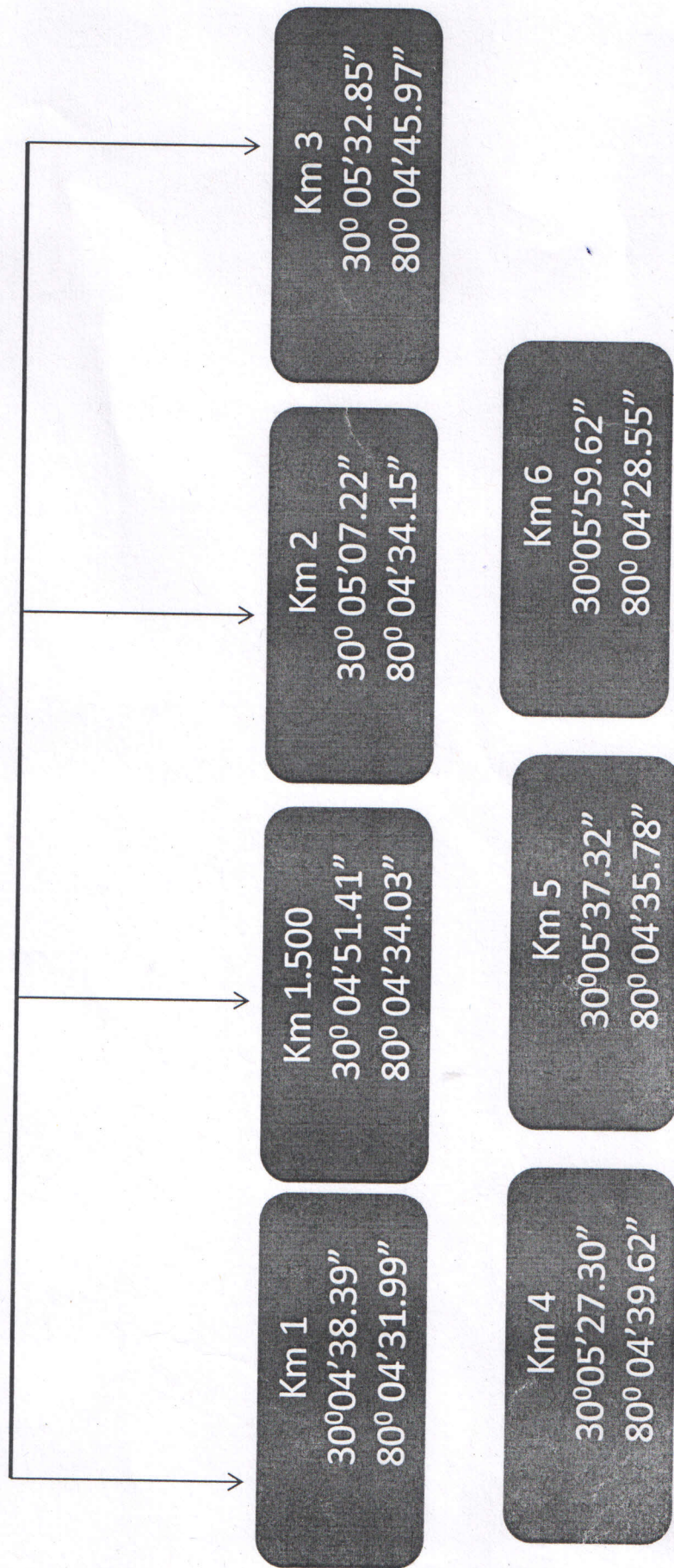

कनिष्ठ अभियन्ता
निर्माण खण्ड, लो०नि०वि०
कपकोट


सहायक अभियन्ता
निर्माण खण्ड, लो०नि०वि०
कपकोट


अधीनस्थ अभियन्ता
निर्माण खण्ड, लो०नि०वि०
कपकोट

परियोजना का नाम:- जनपद बागेश्वर में जिला योजना के अन्तर्गत गोगिना कीमू मोटर मार्ग का निर्माण

मलवे निस्तारण हेतु लाइन डायग्राम
निस्तारित बिन्दु



नहायक अभियन्ता
निर्माण खंड
सं. २६६/२०२० बागेश्वर

७/५/२०

A 2.19-5

परियोजना का नाम: जनपद बागेश्वर में जिला योजना के अन्तर्गत गोगिना कीमू मोटर मार्ग का निर्माण।

Name of Block: Kapkot (Bageshwar)

Length: 07KM

Much Received From Hill Site Cutting

Sr.No.	Description of Work	Quantity	Unit
1	Total Material Received From Hill side cutting $\{1/2 \times 7000 \times 9.00 \times (0.80+3.00)/2\}$	59850.00	cum
Disposal and use of Material			
1	Earth and boulder filling	1800.00	cum
2	Earth and boulder filling for Super Elevation	2355.00	cum
3	Construction of coolie walling	1462.51	cum
4	R.R. Stone Masonry laid in 1:5	1340.00	cum
5	R.R. Stone Masonry laid in dry	2810.00	cum
6	Hand Packed stone filling	1390.91	cum
7	Construction of WIRE CRATE	1741.00	cum
8	Making of edge stone	195.00	cum
9	Construction of Parapet	1179.95	cum
10	Providing and laying using gravel in soft reaches	2765.00	cum
11	Construction of pillar	235.00	cum
12	Construction of scrupper	1172.96	cum
13	Material to be dispose in road side along the coliee wall $[(3 \times 10 \times (80+90+86)/3) \times 2.1 \times 1.00]$	7432.00	cum
14	Material used for hill side pucca k/c drain @0.167 cum/rmt, (Quantity 2163.54 rmt)	675.00	cum
Total Used		26554.33	cum

Quantity of muck to be disposed at dumping places

= (Material Received - Material Used)

= 33295.67

Add 25%

8323.92

TOTAL 14337.42+3584.35

= 41619.59

अधिसूचना अधिनियम
नि० ख० सो० नि० वि०, कपकोट
बागेश्वर

कमल
J.C.

अ.ए.

सहायक अधीक्षक
निर्माण खंड
जनसिंह-वि० कपकोट

Rate Card

Block 57 Kapkot (BAGESHWAR)

Effective Date 16/05/2014

Chapter Name Other Item

			Rate In (Rs.)	
	Item Description	Rate	Unit	
75476 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	246.30	cu.m	
75477 16-2	Random rubble stone masonry laid in mud mortar (As per PWD Uttarakhand specifications)	1,762.80	cu.m	
75478 16-3	Random Rubble Masonry laid dry in breast wall, retaining wall, parapets, scupper etc. Including supply of all materials, labour, t & p& royalty etc. required for proper completion of work. (As per PWD Uttarakhand specifications)	1,569.20	cu.m	
75479 16-4	H.P stone filling in back of walls including cost of all materials, royalty t&p etc. complete.	602.10	cu.m	
75480 16-5	Random Rubble Stone Masonry laid in 1:6 cement and sand mortar, in breast walls, retaining walls, parapets, scuppers, etc. including supply of all material, labour, T&P and royalties etc. (As per PWD Uttarakhand specifications)	2,844.20	cu.m	
75481 16-6	Random Rubble stone masonry in Coolie walling including supply of all material, labour, T&P etc. required for proper completion of the work. (As per PWD Uttarakhand specifications)	1,188.00	cu.m	
75482 16-7	Cement plum masonry with 40% plum & 60% 1:3:7 cement concrete including supply of all material, labour, T&P etc. required for proper completion of the work. (As per PWD Uttarakhand specifications)	4,736.90	cu.m	
75483 16-8	Supply and fabrication of steel truss bridge as per detailed drawing attached including supply of all structural steel conforming IS 226 - 1969 required for proper completion of the bridge including ground erection of the bridge and one coat of approved quality anticorrosive (red oxide) paint of conforming IS 5660, all T&P, nuts and bolts, washers and also including supply and fixing of shop rivets required as per drawing, required equipment shall be arranged by the contractor at his own cost which shall be taken back by the contractor after satisfactory execution of the job, the rates shall include ground erection in the workshop and its dismantling after inspection, approval and removing defects, match marking of all parts, numbering and proper stacking in the premises of workshop before cartage to site of work. The work shall be executed in accordance to IS - 1915. The rates shall include cost of all material, its wastage, cutting, bending if required, welding, making holes, shop riveting, labour, T&P etc. required for proper completion of the work	81,874.30	M.T	
16-9	Wire Crates As per PWD Uttarakhand Specifications			
16-9-1	Wirecrates In Nos.			
75484 16-9-1-1	Providing and laying of wire crates 3.00x1.50x1.50 in size with a 10 gauge BWG GI wire conforming to IS: 280 & IS-4826 in 150mm x 150mm mesh laid with stone boulders weighing not less than 25 kg each. (As per PWD Uttarakhand Specification)	8,921.60	Nos.	
75485 16-9-1-2	Providing and laying of wire crates 3.00x1.50x1.50 in size with a 8 gauge BWG GI wire conforming to IS: 280 & IS-4826 in 150mm x 150mm mesh laid with stone boulders weighing not less than 25 kg each. (As per PWD Uttarakhand Specification)	10,327.70	Nos.	

Kanyas
J.E.

सहायक अभियन्ता
निर्माण एवं
मोनिटरिंग कप्तान

Rate Card Block 57 Kapkot (BAGESHWAR)

Effective Date 16/05/2014

Chapter Name PROTECTION WORKS (Based on MORD)

		Rate In (Rs.)	
Item Description	Rate	Unit	
75423 14-1 Providing and laying boulder apron for bed protection with stone boulders of minimum size and weight as per Table 1300.1, no fragment weighing less than 25 kg laid dry complete as per drawing and technical specifications Clause 1301	1,216.80	cu.m	
75424 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	2,025.80	cu.m	
75425 14-3 Providing and laying of apron with cement concrete blocks of size as per Table 1300.1 cast-in-situ and made with nominal mix of M-15 grade cement concrete as per drawing and technical specifications Clause 1301	5,742.60	cu.m	
14-4 Single bamboo palasiding / walling of whole 2nd class bamboo (Jati or Bethua) 75mm dia and closely packed & driven including fitting fixing with half bamboo kamis horizontally in three rows with cane or tying with wire complete and struts 1.5 m apart longitudinally and providing brush wood as per drawing and technical specifications Clause 1302.5			
75426 14-4-A Driven at least 900 mm below ground and 1200 mm above ground	623.60	metre	
75427 14-4-B Driven at least 900 mm below ground and 900 mm above ground on average	483.50	metre	
14-5 Providing and laying pitching on slopes laid over prepared filter media as per drawing and technical specifications Clause 1302			
75428 14-5-1 Stone/Boulder	1,216.80	cu.m	
75429 14-5-2 Cement concrete blocks of size as per Table 1300.2 cast in cement concrete of grade M 15	5,742.60	cu.m	
75430 14-5-3 Brick pitching set in cement mortar 1:4	7,752.00	cu.m	
75431 14-6 Providing and laying filter material underneath pitching in slopes complete as per drawing and technical specifications Clause 1302	1,994.20	cu.m	
14-7 Providing and laying flooring laid over cement concrete bedding complete as per drawing and technical specification Clause 1303			
75432 14-7-1 Rubble stone laid in cement mortar 1:3	4,140.40	cu.m	
75433 14-7-2 Cement concrete blocks grade M 15	5,686.30	cu.m	
75434 14-7-3 Brick on edge laid in cement mortar (1:3)	7,455.50	cu.m	
75435 14-8 Providing and laying of dry rubble flooring complete as per drawings and technical specifications Clause 1303.3	1,936.80	cu.m	
75436 14-9 Providing and laying curtain walls complete as per drawing and technical specification Clause 1304	18,110.10	cu.m	
75437 14-10 Construction of flexible apron 1 m thick comprising of loose stone boulders	1,251.80	cu.m	

Roads & Bridges Uttarakhand - 2014-2015 - 16/05/2014

Page 58 of 99

04/06/14 12:27

Kamru
J.G.

AP
राजपूत आदिवासी
संस्थान
कपकोट

परियोजना का नाम: जनपद बागेश्वर के कपकोट में जिला योजना के अन्तर्गत प्रस्तावित गोगिना से कीमू तक मोटर मार्ग का नव निर्माण (कि०मी० ०.००० से कि०मी० ७.०००) हेतु वनभूमि हस्तान्तरण प्रस्ताव।

Detail Measurement For Muck Disposal

Sr. No.	ITEM OF WORK	No.	Length	Width	Height	Quantity	Unit
1)	75476/16-1	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					
		0.33	22.00	22.00	0.60	0.80	76.67 Cum
		0.33	32.00	18.00	0.60	0.60	68.43 Cum
		0.33	10.00	23.00	0.60	0.60	27.32 Cum
		0.33	54.00	18.00	0.60	0.60	115.47 Cum
		0.33	34.00	22.00	0.60	0.60	88.86 Cum
		0.33	28.00	19.40	0.60	0.60	64.53 Cum
		0.33	29.00	12.00	0.60	0.60	41.34 Cum
					Total	482.63	Cum
2)	75481/16-6	Random Rubble stone masonry in Coolie walling including supply of all material, cu.m labour, T&P etc. required for proper completion of the work.(As per PWD Uttarakhand specifications)					
		1.00	22.00	22.00	0.60	0.80	232.32 Cum
		1.00	32.00	18.00	0.60	0.60	207.36 Cum
		1.00	10.00	23.00	0.60	0.60	82.80 Cum
		1.00	54.00	18.00	0.60	0.60	349.92 Cum
		1.00	34.00	22.00	0.60	0.60	269.28 Cum
		1.00	28.00	19.40	0.60	0.60	195.55 Cum
		1.00	29.00	12.00	0.60	0.60	125.28 Cum
					Total	1462.51	Cum
3)	75141/7-6-2	Providing and Laying of Boulder Apron Laid in Wire Crates as per Drawing and Technnical Specification Clause 1301					
		1.00	9.00	3.00	1.50	1.50	60.75 Cum
		1.00	9.00	3.00	1.20	1.50	48.60 Cum
		1.00	8.50	3.00	1.50	1.50	57.38 Cum
		1.00	12.00	3.00	1.20	1.50	64.80 Cum
		1.00	7.00	3.00	1.50	1.50	47.25 Cum
		1.00	7.00	3.00	1.20	1.50	37.80 Cum
		1.00	12.00	3.00	1.50	1.50	81.00 Cum
		1.00	12.00	3.00	1.20	1.50	64.80 Cum
					Total	462.38	Cum

कम्प्यूटर
ज.ए.
सहायक अभियन्ता
निर्माण खंड
सुपरिन्टेन्डिंग कपकोट

अधिसूची अभियन्ता
मि० ख० लो० मि० वि०, कपकोट
बागेश्वर

A 2.19.14

BILL OF QUANTITY FOR MUCK DISPOSAL

परियोजना का नाम: जनपद बागेश्वर में जिला योजना के अन्तर्गत गोगिना कीमू मोटर मार्ग का निर्माण।

Name of Block:Kapkot (Bageshwar)

Total Length: 7 KM

Sl No	Description	Quantity	Unit	@	Rate	Amount
1	Excavation in foundation for retaining & breast walls in all types of soils and rocks including lead, lift and disposal osurplus material as per direction of engineer - in -charge	482.63	cum	@	246.30	118871.51
2	Random Rubble stone masonry in Coolie walling including supply of all material, cu.m labour, T&P etc. required for proper completion of the work.(As per PWD Uttarakhand specifications)	1462.51	cum	@	1188.00	1737464.26
3	Providing and Laying of Boulder Apron Laid in Wire Crates as per Drawing and Technnical Specification Clause 1301	462.38	cum	@	2025.80	936679.28
4	Furnishing and laying of the live sods of grass and other species on muck site or other locations shown on the drawing or as directed by the Engineer including preparation of ground, fetching of sods and watering					300000.00
5	Contigencies 2%					6000.00
	Total					3099015.04

Korh
JE

सहायक अभियन्ता
निर्माण खंड
कपकोट
BAE

अभिनीत अभियन्ता
नि० ख० सी० नि० वि०, कपकोट
बागेश्वर

Summary

परियोजना का नाम: जनपद बागेश्वर में जिला योजना के अन्तर्गत गोगिना कीमू मोटर मार्ग का निर्माण।

Name of Block:Kapkot (Bageshwar)					Total Length: 07KM				
Carrying Capacity of Wire Crates									
S.NO.	Chainage of Wire Crates	No.			Size of catchment area of wire crates				
					L	B	H	Quantity	Unit
1.00		1.00	x	1.00	27.00	15.00	4.90	1984.50	cum
		1.00	x	1.00	34.00	18.00	7.65	4681.80	cum
2.00		1.00	x	1.00	21.00	13.40	9.15	2574.81	cum
		1.00	x	1.00	28.00	10.00	9.10	2548.00	cum
3.00		1.00	x	1.00	36.00	12.00	5.65	2440.80	cum
		1.00	x	1.00	29.00	15.30	9.10	4037.67	cum
4.00		1.00	x	1.00	36.00	12.00	7.85	3391.20	cum
		1.00	x	1.00	36.00	17.50	4.70	2961.00	cum
5.00		1.00	x	1.00	32.00	10.00	2.50	800.00	cum
		1.00	x	1.00	32.00	16.50	8.60	4540.80	cum
6.00		1.00	x	1.00	36.00	12.00	4.30	1857.60	cum
		1.00	x	1.00	29.00	17.00	7.70	3796.10	cum
7.00		1.00	x	1.00	36.00	12.00	8.70	3758.40	cum
		1.00	x	1.00	36.00	12.00	5.20	2246.40	cum
					Total			41619.08	cum

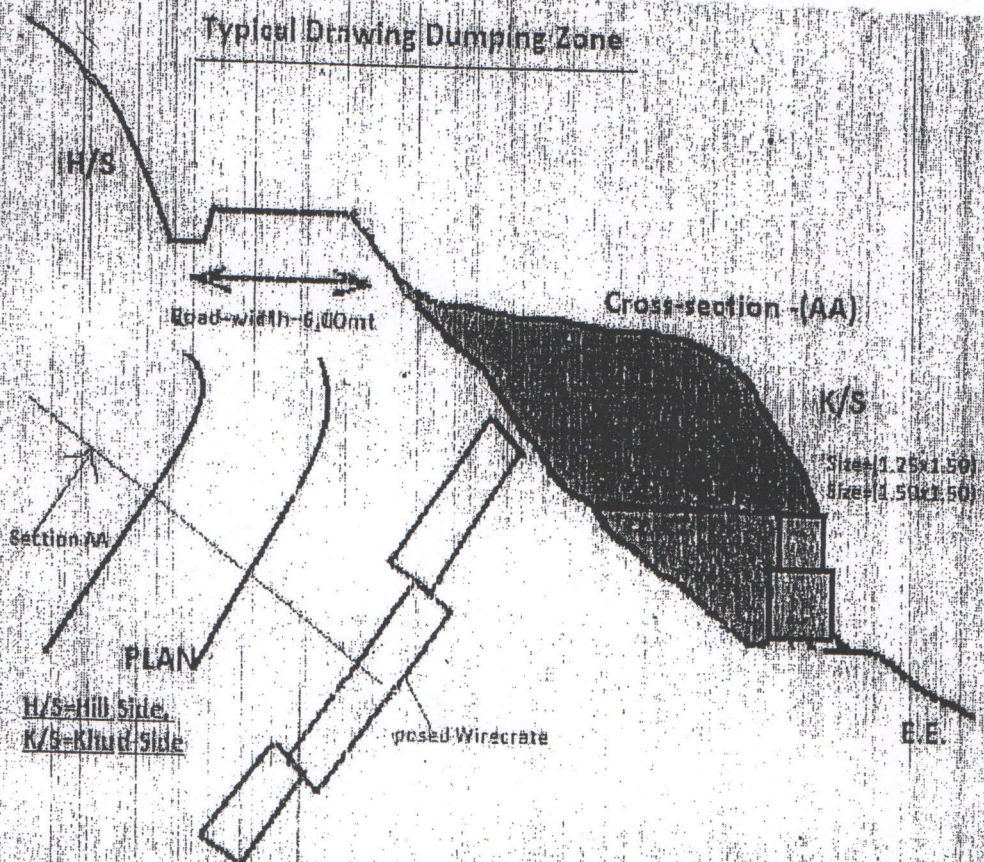
Quantity of material disposal to dumping=	41619.59
Carrying capacity of wire crates	41619.08
Balance	0.51

S.NO.	Catchment Area	No.	Length	Width	Area	Unit
1		1.00	27.00	12.00	324.00	Sqm
2		1.00	21.00	10.00	210.00	Sqm
3		1.00	36.00	12.00	432.00	Sqm
4		1.00	31.00	11.00	341.00	Sqm
5		1.00	28.00	10.00	280.00	Sqm
6		1.00	27.00	13.00	351.00	Sqm
7		1.00	22.00	10.00	220.00	Sqm
		Total			2158.00	Sqm
		In Hectare			0.2158	Hec

10
 कम्प
 J.E.
 शिक्षण
 खड
 उपको

A-2.19.20

परियोजना का नाम:- जनपद वागेश्वर में त्रिजला योजना के अन्तर्गत गोगरीना-डीमू
मोटर मार्ग का विभाग (7 KM)

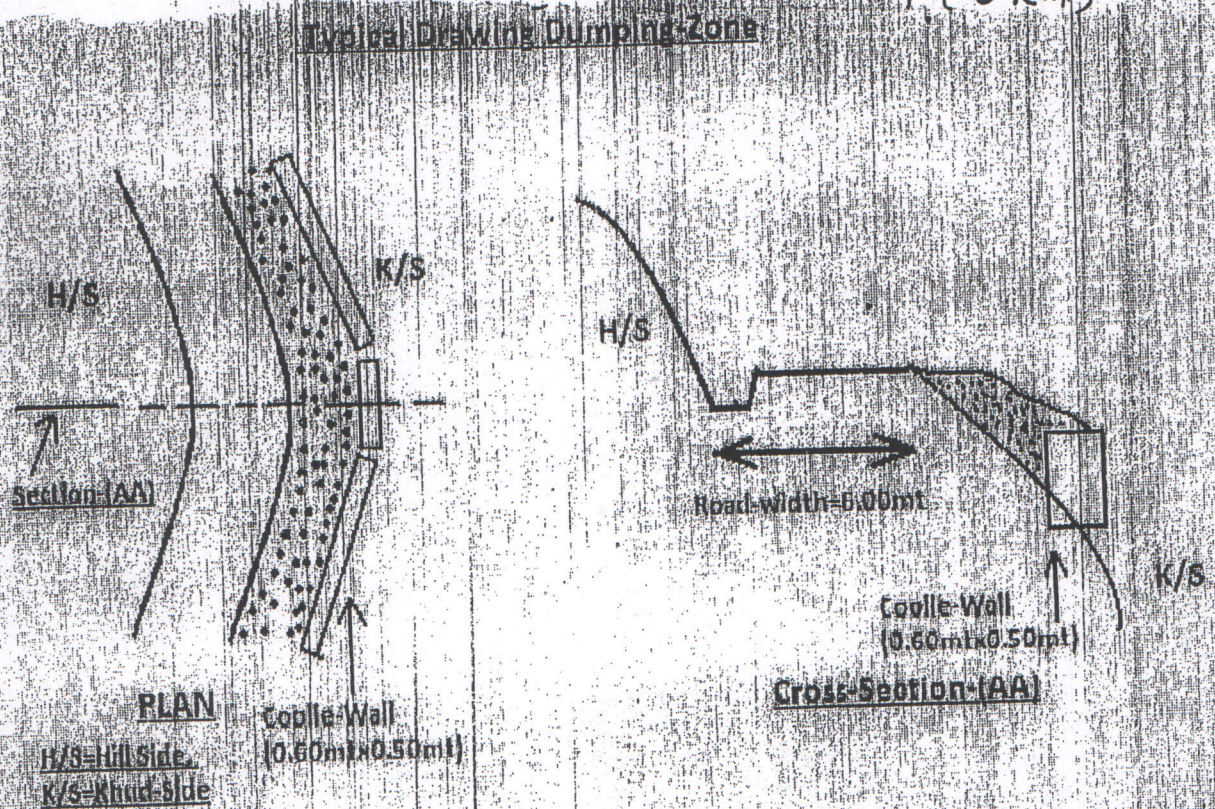


J.E.

सहायक अभियन्ता
निर्माण एवं सौ. नि. विभाग
कपड़ोटा (वागेश्वर)

A - 2.19.21

परियोजना का नाम:- जनपद कोशबर में जिला योजना के अन्तर्गत गोगरी-नीच मोर
मार्ग का विमोचन (7 Km)



C. E.
J.E.

Ch. E.
सहायक अभियन्ता
निर्माण खण्ड सी० नि० विभाग
कपकोट (कोशबर)

1/5

परियोजना का नाम:- जन्मपद वागोखर के कण्ठोटे में जिला योजना के अन्तर्गत प्रस्तावित गोरगिन-सीसु मार्ग हेतु डमिंग जोन

A 2-19.22



KM-1, N 30° 04' 38.39" E 80° 04' 31.99"



KM-2, N 30° 05' 07.22" E 80° 04' 34.15"



KM-3, N 30° 05' 37.32" E 80° 04' 35.78" KM. 05.



N 30° 04' 51.41" E 80° 04' 34.03" KM 1.500

परियोजना का नाम :- जनपद वागेश्वर के उपखंड में जिला योजना के अंतर्गत प्रस्तावित गोलीना रीढ़ मार्ग हेतु सड़क जोन A 2.19.22

A - 2.19.22



KM. 04. N 30° 05' 27.30" 80° 04' 39.62

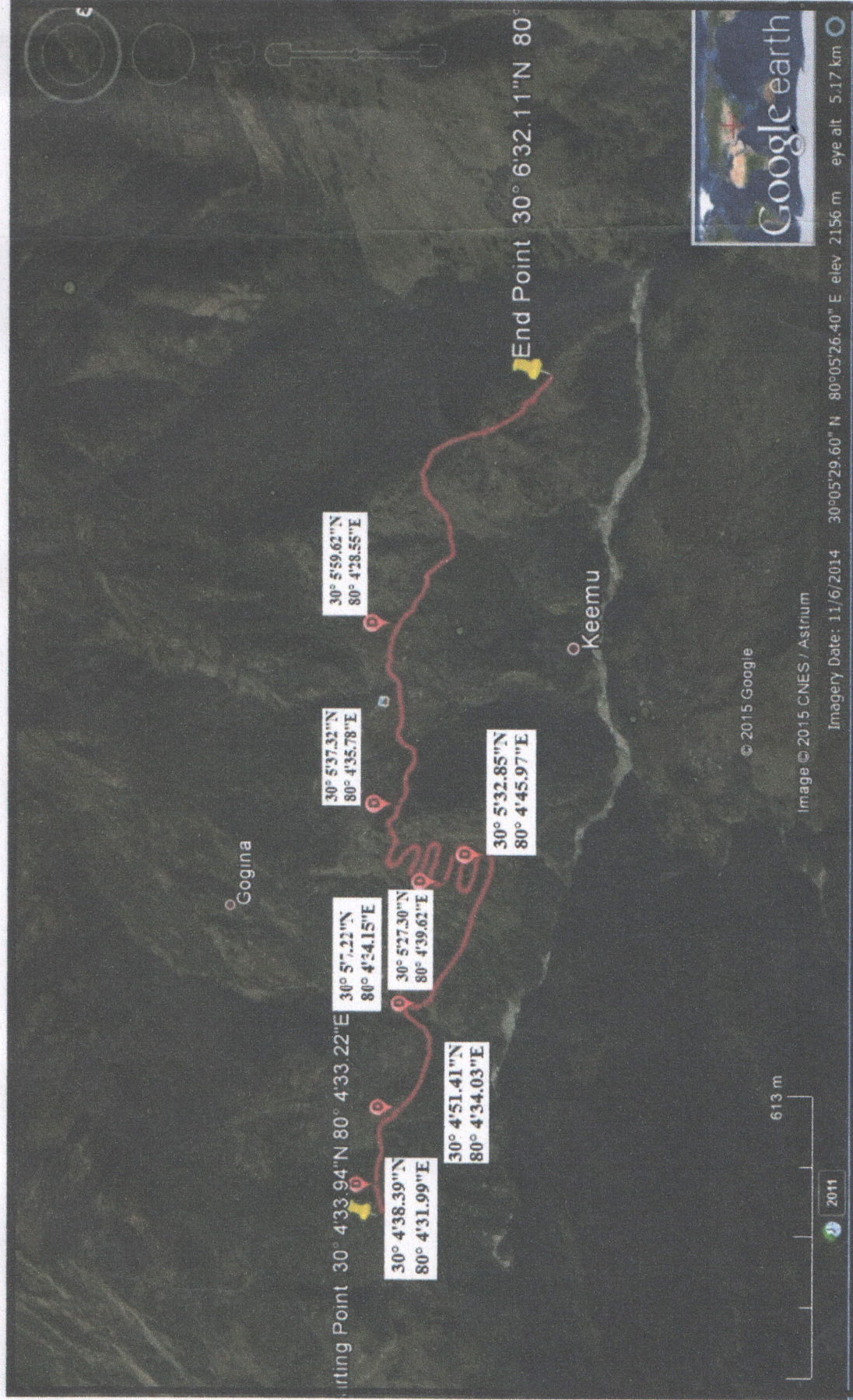


KM. 6. 30° 05' 59.62" 80° 04' 28.55"

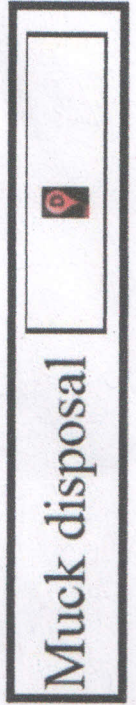


KM. 03. N 30° 05' 32.85" 80° 04' 45.97"
Km. 3.1

जनपद बागेश्वर में जिला योजना के अन्तर्गत गोगिना कीमू मोटर मार्ग का नवनिर्माण
(लम्बाई 7.00 किमी०)



Legend



प्रभागीय वनविभाग
बागेश्वर जिला प्रभाग, बागेश्वर

अभियंता अमियार
जि. एडो नि. वि. बागेश्वर

कॉन्ट्रोलिंग
जि. एडो नि. वि. बागेश्वर

विभा. नविचार
बागेश्वर

A249