

प्राप्त
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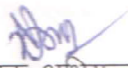
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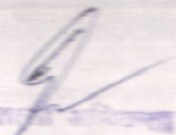
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परियोजना से उत्पादित मलवे के निस्तारण की समानचित्र योजना

परियोजना का नाम- जनपद बागेश्वर में विधानसभा क्षेत्र कपकोट के अन्तर्गत विकास खण्ड कपकोट में पोथिया से सोनाकुण्ड तक मिसिंग मोटर मार्ग के निर्माण हेतु उत्तराखण्ड लोक निर्माण विभाग को हस्तान्तरण प्रस्ताव।

प्रमाणित किया जाता है कि जनपद बागेश्वर में विधानसभा क्षेत्र कपकोट के अन्तर्गत विकास खण्ड कपकोट में पोथिया से सोनाकुण्ड तक मिसिंग मोटर मार्ग के निर्माण हेतु उत्पादित होने वाले मलवे का निस्तारण टास्क फोर्स द्वारा की गयी संस्तुतियों (प्रस्ताव के पृष्ठ 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


अधिसूची अभियन्ता
नि०ख०लो०नि०वि०,कपकोट

सहमत।


प्रभागीय वनाधिकारी
बागेश्वर वन प्रभाग
प्रभागीय वनाधिकारी
बागेश्वर

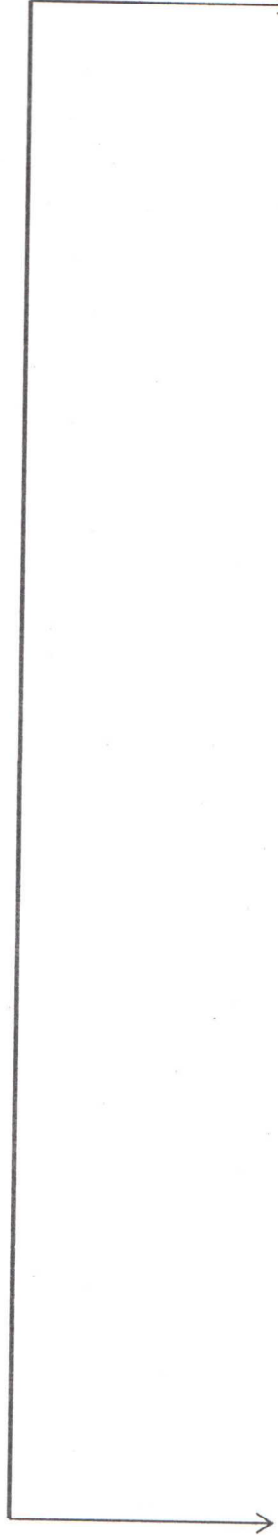
प्रपत्र-2.19.1

परियोजना का नाम :- राज्य योजना के अन्तर्गत विकास खण्ड कपकोट में पोथिंग से सोभाकुण्ड तक मिसिंग लिंक (5.00 किमी०) मोटर मार्ग के निर्माण हेतु वनभूमि प्रस्ताव उत्तराखण्ड लोक निर्माण विभाग को हस्तान्तरण प्रस्ताव।

मलवे निस्तारण हेतु प्रस्तावित योजना

परियोजना का नाम:- राज्य योजना के अन्तर्गत विकास खण्ड कपकोट में पोथिंग से सोभाकुण्ड तक मिसिंग
लैंक (5.00 किमी०) मोटर मार्ग

मलवे निस्तारण हेतु लाइन डायग्राम
निस्तारित बिन्दु



Km 1

29°58'44.51"

79° 51'22.41"

Km 3.00

29°58'23.07"

79° 51'10.02"

Dr. J. E.
A. E.

A-2.19-2

प्रपत्र-2.19.4

परियोजना का नाम :- राज्य योजना के अन्तर्गत विकास खण्ड कपकोट में पोथिंग से सोभाकुण्ड तक मिसिंग लिंक (5.00 किमी०) मोटर मार्ग के निर्माण हेतु वनभूमि प्रस्ताव उत्तरखण्ड लोक निर्माण विभाग को हस्तान्तरण प्रस्ताव।

मक डम्पिंग प्लान / प्रमाण -पत्र

प्रमाणित किया जाता है कि राज्य योजना के अन्तर्गत विकास खण्ड कपकोट में पोथिंग से सोभाकुण्ड तक मिसिंग लिंक (5.00 किमी०) 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

अधिशायी अभियन्ता
निर्माण खण्ड, लो०नि०वि०
कपकोट

परियोजना का नाम: जनपद बागेश्वर में विधानसभा क्षेत्र कपकोट के अन्तर्गत विकास खण्ड कपकोट में पोथिंग से सोभाकुण्ड तक मिसिंग मोटर मार्ग के निर्माण हेतु उत्तराखण्ड लोक निर्माण विभाग को हस्तान्तरण प्रस्ताव।

Name of Block: Kapkot (Bageshwar)

Length: 05KM

Much Received From Hill Site Cutting

Sr.No.	Description of Work	Quantity	Unit
1	Total Material Received From Hill side cutting $\{1/2 \times 5000 \times 7.00 \times (0.80 + 3.00)/2\}$	23750.00	cum
Disposal and use of Material			
1	Earth and boulder filling	1200.00	cum
2	Earth and boulder filling for Super Elevation	2000.00	cum
3	Construction of coolie walling	1200.00	cum
4	R.R. Stone Masonry laid in 1:5	1550.00	cum
5	R.R. Stone Masonry laid in dry	1500.00	cum
6	Hand Packed stone filling	900.00	cum
7	Construction of WIRE CRATE	1100.00	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 $\{3 \times 10 \times (50 + 60 + 40)/3\} \times 2.1 \times 1.00]$	3150.00	cum
14	Material used for hill side pucca k/c drain @0.167 cum/rmt, (Quantity 2163.54 rmt)	450.00	cum
Total Used		18597.91	cum

Quantity of muck to be disposed at dumping places

= (Material Received - Material Used)

= 5152.09

Add 25%

1288.02

TOTAL

6440.11

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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	27.00	18.00	0.60	0.60	57.74	Cum
			0.33	10.00	23.00	0.60	0.60	27.32	Cum
			0.33	30.00	18.00	0.60	0.60	64.15	Cum
			0.33	25.00	22.00	0.60	0.60	65.34	Cum
						Total		291.22	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	27.00	18.00	0.60	0.60	174.96	Cum
			1.00	10.00	23.00	0.60	0.60	82.80	Cum
			1.00	30.00	18.00	0.60	0.60	194.40	Cum
			1.00	25.00	22.00	0.60	0.60	198.00	Cum
						Total		882.48	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
						Total		316.58	Cum

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A-219-8

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Rate Card

Block 51 Berinag (PITHORA/GARH)

Effective Date 16/05/2014

Item Description		Rate in (Rs.)	
		Rate	Unit
	Construction of retaining walls/breast walls in cement mortar 1:5 as per drawing and technical specifications Clause 160.4		
77636 8-4-1	Earthwork in excavation for structures	244.50	cu.m
77637 8-4-2	Plain cement concrete M10 grade	5,521.40	cu.m
77638 8-4-3	Stone masonry in cement mortar 1:5	3,115.00	cu.m
77639 8-4-4	Pointing with cement mortar 1:3	66.10	sq.m
77640 8-4-5	Providing P.C.C. M20 architectural coping on top of retaining wall/breast wall	420.20	metre
77641 8-4-6	Filter material behind retaining wall / breast wall as per Specification 120-4.3.8 in a width of 600 mm	3,177.50	cu.m
77642 8-4-7	Back filling behind retaining wall/breast wall	599.50	cu.m
8-5	Construction of Hill Side Drain		
	Construction of hill side drain in accordance with the requirement of specifications true to lines and grades. Dimensions and other particulars as per drawing and Technical Specification Clause 160.6.1		
77643 8-5-1	Earthwork in excavation for structures as per drawing and technical specification	244.50	cu.m
77644 8-5-2	Plain cement concrete M10 grade	5,533.10	cu.m
77645 8-5-3	Stone masonry in cement mortar 1:5	3,115.00	cu.m
77646 8-5-4	Plain cement concrete M15 grade	5,487.50	cu.m
77647 8-5-5	Cement plaster 15 mm thick 1:4 on stone masonry	173.40	sq.m
77648 8-5-6	Providing P.C.C. M20 architectural coping on top of wall	420.20	metre
8-6	Construction of Catch Water / Intercepting Drain		
	Construction of catch water/intercepting drain in random rubble masonry in 1:5 cement mortar true to the specified lines/grades/levels and dimensions as per the requirement of the specifications Clause 160.6.2		
77649 8-6-1	Earthwork in excavation for structures as per drawing and technical specification	244.50	cu.m
77650 8-6-2	Plain cement concrete M10 grade	5,533.10	cu.m
77651 8-6-3	Stone masonry in cement mortar 1:5	3,115.00	cu.m
77652 8-6-4	Plain cement concrete M15 grade	5,487.50	cu.m
77653 8-6-5	Cement plaster 13 mm thick 1:4 on stone masonry	173.40	sq.m
77654 8-6-6	Providing P.C.C. M20 architectural coping on top of wall	420.20	metre
8-7	Construction of Scupper		

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Rate Card	Block 51: Barhary (PITHORAGARH)	Effective Date	16/05/2014
Chapter Name	PROTECTION WORKS		
	Item Description	Rate in (Rs)	
		Rate	Unit
77862 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	1,212.00	cum
77863 14-2	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS 280 and IS 1826 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	2,010.50	cum
77864 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	5,575.10	cum
14-4	Single bamboo palasiding / walling of whole 2nd class bamboo (Jau 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 1302.3		
77865 14-4-A	Driven at least 900 mm below ground and 1200 mm above ground	621.00	meters
77866 14-4-B	Driven at least 900 mm below ground and 900 mm above ground on average	481.70	meters
14-5	Providing and laying pitching on slopes laid over prepared filter medium as per drawing and technical specifications Clause 1302		
77867 14-5-1	Stone/Boulder	1,212.00	cum
77868 14-5-2	Cement concrete blocks of size as per Table 1300.2 cast in cement concrete of grade M15	5,575.10	cum
77869 14-5-3	Brick pitching set in cement mortar (1:3)	7,385.50	cum
77870 14-6	Providing and laying filter material underneath pitching on slopes complete as per drawing and technical specifications Clause 1302	1,889.50	cum
14-7	Providing and laying flooring laid over cement concrete bedding complete as per drawing and technical specifications Clause 1303		
77871 14-7-1	Rubble stone laid in cement mortar (1:3)	3,867.80	cum
77872 14-7-2	Cement concrete blocks grade M15	5,520.50	cum
77873 14-7-3	Brick on edge laid in cement mortar (1:3)	7,124.00	cum
77874 14-8	Providing and laying of dry rubble flooring complete as per drawing and technical specifications Clause 1303	1,929.30	cum
77875 14-9	Providing and laying curtain walls complete as per drawing and technical specifications Clause 1304	17,309.50	cum
77876 14-10	Construction of flexible apron in fill comprising of loose stone boulders	1,240.30	cum
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Road & Bridge

Rate Card Block 51 Bering (PITHORAGARH)

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 load, lift and disposal of surplus material as per direction of engineer - in - charge	244.00	cu.m
75477 16-2	Random rubble stone masonry laid in mud mortar (As per PWD Uttarakhand specifications)	1,754.40	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)	1,563.00	cu.m
75479 16-4	H.P stone filling in back of walls including cost of all materials, royalty, t & p etc. complete	600.20	cu.m
75480 16-5	Random Rubble Stone Masonry laid in 1:6 cement and sand mortar, in breast walls, retaining walls, parapets, scupper, etc. including supply of all material, labour, T&P and royalties etc. (As per PWD Uttarakhand specifications)	2,826.30	cu.m
75481 16-6	Random Rubble stone masonry in Cooie walling including supply of all material, labour, T&P etc. required for proper completion of the work. (As per PWD Uttarakhand specifications)	1,183.00	cu.m
75482 16-7	Cement plumb masonry with 40% plumb & 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)	4,700.00	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 antirustive (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.	81,675.90	M.T.
16-9	Wire Cates As per PWD Uttarakhand Specifications		
16-9-1	Wirecates In Nos.		
75484 16-9-1-1	Providing and laying of wire cates 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)	8,776.80	Nos.
75485 16-9-1-2	Providing and laying of wire cates 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)	10,183.00	Nos.

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Rate Card

Block 51 Berlinag (PITHORAGARH)

Effective Date 18/05/2014

	Item Description	Rate In (RS.)	
		Rate	Unit
	Technical Specification Clause 302.3		
77429 3-6	Excavation in Marshy Soil Excavation for roadway in marshy soil with hydraulic excavator 0.9 cum bucket capacity including cutting and loading in tippers and disposal with a lift upto 1.5 m and lead upto 1000 m, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross-sections as per Technical Specification Clause 302.3.6.	59.10	cu.m
77430 3-7	Removal of Unsuitable Soil with Disposal upto 1000 m Removal of unsuitable soil including excavation, loading and disposal upto 1000 m lead but excluding compaction ground supporting embankment subgrade replacement by suitable soil, which shall be paid separately as per Clause 303.5.2 as per Technical Specification Clause 302.3.11	45.20	cu.m
3-8	Excavation in Ordinary Rock		
77431 3-8-1	Excavation in Ordinary Rock by manual means Excavation in ordinary rock using manual means including loading in a truck and carrying of excavated material to embankment site with a lift upto 1.5 m and lead upto 50 m as per Technical Specification Clause 302.3.5.	178.30	cu.m
77432 3-8-2	Excavation in Ordinary Rock with Dozer with lead upto 100 m Excavation for roadway in ordinary rock by deploying a dozer D-50 including cutting and pushing the cut earth to site of embankment upto a distance of 100 m (average lead 50 m), trimming bottom and side slopes in accordance with the requirements of lines, grades and cross-sections with lift upto 1.5 m.	52.30	cu.m
77433 3-8-3	Excavation in Ordinary Rock using Hydraulic Excavator and Tippers with disposal upto 1000 m Excavation for roadway in ordinary rock with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, transporting to embankment site with a lift upto 1.5 m and lead upto 1000 m, trimming bottom and side slopes in accordance with requirements of lines, grades and cross-sections as per Technical Specification Clause 302.3.5	307.10	cu.m
3-9	Excavation in Hard Rock (requiring blasting) with disposal upto 1000 m		
77434 3-9-1	Excavation in Hard Rock (requiring blasting) with disposal upto 1000 m Excavation for roadway in hard rock (requiring blasting) by drilling, blasting and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross-sections, loading and disposal of cut rock with a lift upto 1.5 m and leads upto 1000 m as per Technical Specification Clause 302.3.5	5.40	cu.m
3-9-2	Excavation in Hard Rock (blasting prohibited) Excavation for roadway in hard rock (blasting prohibited) with rock breakers including breaking rock, loading in tippers and disposal with a lift upto 1.5 m and lead upto 1000 metres, trimming bottom and side slopes in accordance with requirements of lines, grades and cross-sections as per Technical Specification		

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BILL OF QUANTITY FOR MUCK DISPOSAL

परियोजना का नाम: जनपद बागेश्वर में विधानसभा क्षेत्र कपकोट के अन्तर्गत विकास खण्ड कपकोट में पोथिंग से सोभाकुण्ड तक मिसिंग मोटर मार्ग के निर्माण हेतु उत्तराखण्ड लोक निर्माण विभाग को हस्तान्तरण प्रस्ताव।

Name of Block:Kapkot (Bageshwar)

Total Length: 5 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	291.22	cum	@	246.30	71727.09
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)	882.48	cum	@	1188.00	1048386.24
3	Providing and Laying of Boulder Apron Laid in Wire Crates as per Drawing and Technnical Specification Clause 1301	316.58	cum	@	2025.80	641317.64
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					2067430.97



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Summary

परियोजना का नाम: जनपद बागेश्वर में विधानसभा क्षेत्र कपकोट के अन्तर्गत विकास खण्ड कपकोट में पोथिंग से सोभाकुण्ड तक मिसिंग मोटर मार्ग के निर्माण हेतु उत्तराखण्ड लोक निर्माण विभाग को हस्तान्तरण प्रस्ताव।

Name of Block:Kapkot (Bageshwar)					Total Length: 05KM				
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	10.00	10.00	4.90	490.00	cum
2.00		1.00	x	1.00	12.00	10.00	9.15	1098.00	cum
		1.00	x	1.00	21.00	10.00	9.10	1911.00	cum
3.00		1.00	x	1.00	12.50	12.00	5.65	847.50	cum
4.00		1.00	x	1.00	11.00	12.00	7.85	1036.20	cum
		1.00	x	1.00	9.00	12.00	4.70	507.60	cum
5.00		1.00	x	1.00	12.00	10.00	2.50	300.00	cum
					Total			6190.30	cum

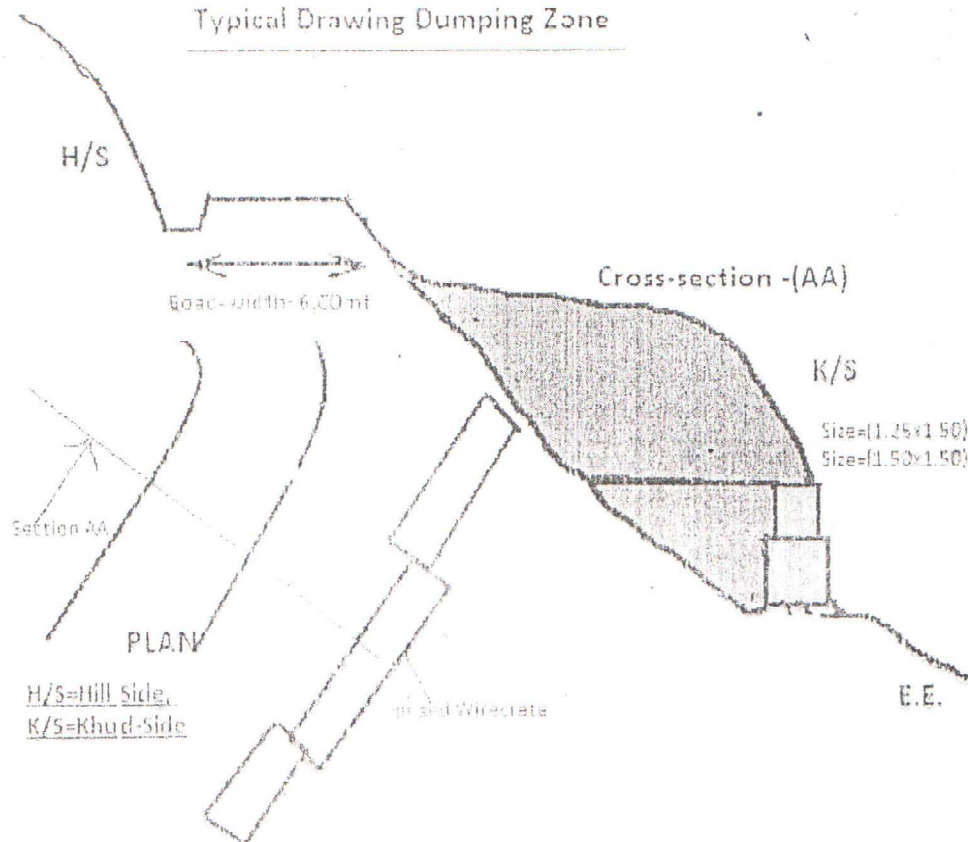
Quantity of material disposal to dumping= 6440.11
 Carrying capacity of wire crates 6190.30
 Balance 249.81

Km	Catchment Area	No.	Length	Width	Area	Unit
1		1.00	10.00	10.00	100.00	Sqm
3		1.00	24.00	10.00	240.00	Sqm
		Total			340.00	Sqm
		In Hectare			0.034	Hec

J.E

AS

Typical Drawing Dumping Zone

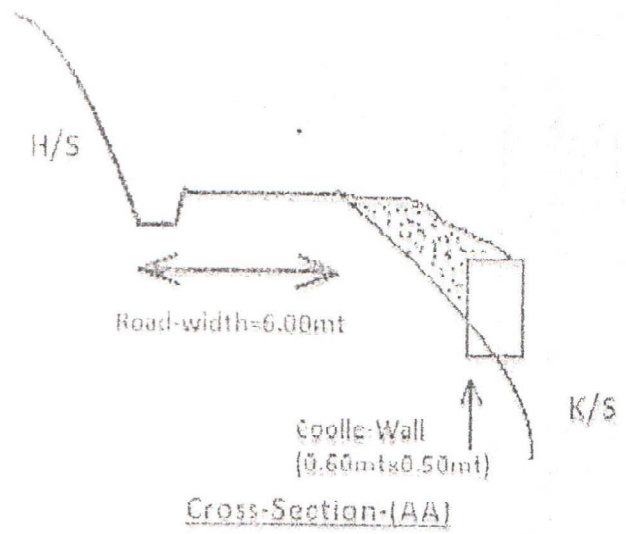
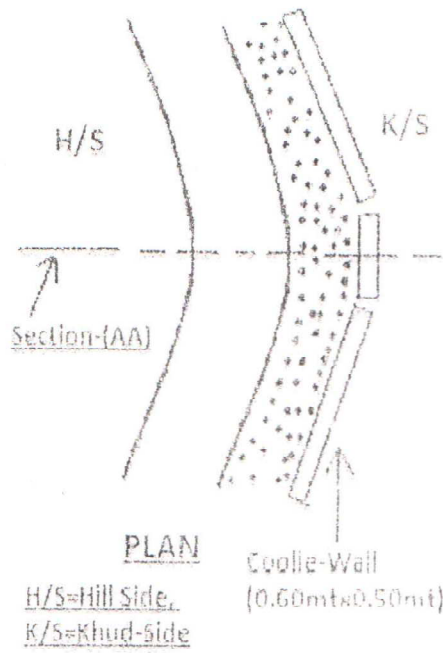


J.E.

J.E.

AE

Typical Drawing Dumping-Zone



M
J.C

30
AE

1

राज्य योजना के अन्तर्गत कपकोट में जोधिया से सोमकुण्ड तक सिंचित लिंक
(5 km / मीटर) का निर्माण ।

Muck Disposal Place



Km 3. $29^{\circ}50'23.67''$ N $79^{\circ}51'10.02''$ E Place-2

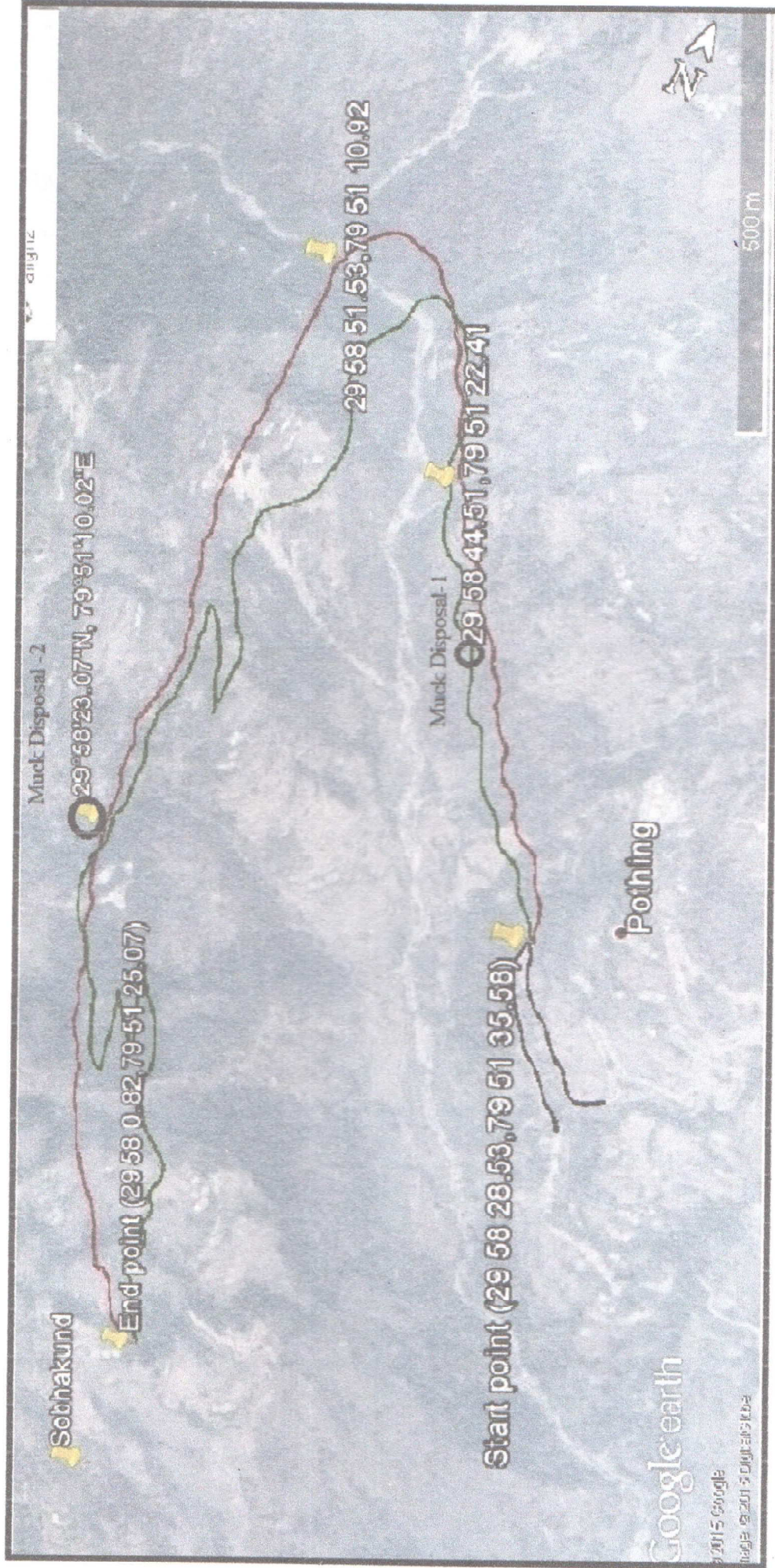


Km 1. $29^{\circ}58'44.51''$ N $79^{\circ}51'22.41''$ E Place-1

M
J.E

21/9/82

NAME OF PROJECT :- CONSTRUCTION OF POTHING TO SOBHAKUND
MOTOR ROAD (LENGTH - 5.00 KM)



Handwritten signatures and initials.

Legend

Muck disposal	
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