

Excavation Qty of Forest Reach KM 65.26 to 66.42 km

Sl.no.	Description of work	Quantity in cubic meter					USEABLE EXCAVATED QTY
		AKS	SOFT ROCK	SOFT ROCK REQUIRED BLASTING	HARD ROCK	HARD ROCK REQUIRED BLASTING	
1	65.26 TO 65.44 KM (CUTTING SECTION)	2687.06	3684.32	14500.47	0.00	0.00	1343.53
2	65.44 KM TO 65.96 KM (Embankment section)	1776.13	1616.05	704.70	0.00	0.00	888.07
3	65.96 to 66.42 km cutting section)	10190.48	18750.92	60657.96	7117.17	0.00	5095.24
	Total	14653.67	24051.29	75863.13	7117.17	0.00	7326.84
	Add 20 % Voids for Rock Stuff	0	4810.26	15172.63	1423.434		
	Net Qty	14653.67	28861.55	91035.76	8540.60		
	Total Net Qty				143091.58		

Total Qty of Muck to be shifted from Forest Reach		Total Excavated Qty	Usable Excavated Qty	
		143091.58	7326.84	
	Net Qty	135764.74		Cum

Height of Muck	Corresponding Area (Sqm)	Corresponding Area (Acre)
6	22627.46	5.59

Note: The available excavated quantity will be shifted to Survey number -114 of Udugri village in kadur taluk, which is 2.0 km from canal location.


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EXCAVATION QTY OF TBC Pkg 09 FOREST REACH (KM150.735 TO KM158.357)

Sl No.	Description of Work	Quantity in Cubic Meter				Usable excavated Qty
		AKS	SOFT ROCK	SOFT ROCK REQUIRE BLASTING	HARD ROCK	
1	KM 151.00 to KM 152.00	9075	39708	-	2275	9707
2	KM 152.00 to KM 153.00	16513	20905	2621	328	15602
3	KM 153.00 to KM 154.00	9386	30321	12247	1189	8688
4	KM 154.00 to KM 155.00	17402	95550	3710	41742	7983
5	KM 155.00 to KM 156.00	29613	69147	-	24399	7983
6	KM 156.00 to KM 157.00	35036	39294	-	3105	7983
7	KM 157.00 to KM 158.123	7553	19060	-	12294	4281
8	KM 158.123 to KM 158.357	1759	6596	1960	579	1485
Total Qty		126337	320581	20538	85911	63712
Add 20% Voids for Rock stuff			384697	24646	103093	

Total Qty of Muck to be Shifted from Forest Reach =	Total Excavated Qty - Usable Excavated Qty	
	638773	-63712
	575061	Cubic Meter

HEIGHT OF MUCK	CORRESPONDING AREA (SQM) (Qty/Ht of Muck in mtr)	CORRESPONDING AREA (Acre)
6.00	95844	23.67

Note:- The available excavated quantity will be shifted to Survey No-24 of Bhairalinganahalli village in Chikkanayakanahalli Taluk (Government Land of 92.00 Acres) which is 15.00 km from Canal location.

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