

DETAILED COMPREHENSIVE MUCK DISPOSAL PLAN

PROJECT : Langa to Charkhoo Stage 1st Package No. JK14-444

Quantity of muck to be generated during execution of the project = 115000 cum.

Estimated quantity to be used at site including filling of embankments etc. @35% = 40250 cum

Estimated quantity left for disposal = $115000 - 40250 = 74750$ cum

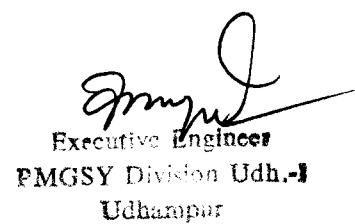
Estimated quantity on the basis of soil compaction factor (40% of 74750 cum) = 29900 cum

Volume/Capacity of dumping sites required for muck disposal = $74750 + 29900 = 104650$ cum

Remarks: About 35 % of the total excavated material generated during earth cutting will be utilized on site for various works including backfilling of R/walls, abutment walls, wing walls and leveling works etc. The remaining quantity will be left out for disposal at designated dumping sites.



Er. A. H. Butt
Assistant Executive Engineer
PMGSY Sub Division Ghordi



Executive Engineer
PMGSY Division Udh.-J
Udhampur

Proposed Muck Disposal Sites for Road Langa to Charkhoo JK14-444

<u>Dumping Site</u>	<u>RD</u>	<u>Dimension (LxW)</u>	<u>Average Estimated Height (H)</u>	<u>Muck Disposal Capacity (cum)</u>
<u>D-1</u>	1/000	75m x 20m	3.5m	5250
<u>D-2</u>	1/675	75m x 20m	3.5m	5250
<u>D-3</u>	1/925	75m x 20m	3.5m	5250
<u>D-4</u>	2/225	75m x 20m	3.5m	5250
<u>D-5</u>	2/600	75m x 20m	3.5m	5250
<u>D-6</u>	2/825	75m x 20m	3.5m	5250
<u>D-7</u>	3/225	75m x 20m	3.5m	5250
<u>D-8</u>	3/500	75m x 20m	3.5m	5250
<u>D-9</u>	3/700	75m x 20m	3.5m	5250
<u>D-10</u>	3/875	75m x 20m	3.5m	5250
<u>D-11</u>	7/300	75m x 20m	3.5m	5250
<u>D-12</u>	7/450	75m x 20m	3.5m	5250
<u>D-13</u>	7/700	75m x 20m	3.5m	5250
<u>D-14</u>	8/325	75m x 20m	3.5m	5250
<u>D-15</u>	8/525	75m x 20m	3.5m	5250
<u>D-16</u>	9/025	75m x 20m	3.5m	5250
<u>D-17</u>	9/550	75m x 20m	3.5m	5250
<u>D-18</u>	10/200	75m x 20m	3.5m	5250
<u>D-19</u>	10/525	75m x 20m	3.5m	5250
<u>D-20</u>	10/725	75m x 20m	3.5m	5250
Total Muck Disposal Capacity				<u>105000</u>

Remarks: The average height is taken to be around 3.5 m for a muck dumping site and an average capacity of dumping site comes out to be 5250 cum. For the amount of muck generated for disposal 20 dumping sites have been proposed.



Er. A. H. Butt

Assistant Executive Engineer
PMGSY Sub Division Ghazi



Executive Engineer
PMGSY Division Udhampur
Udhampur