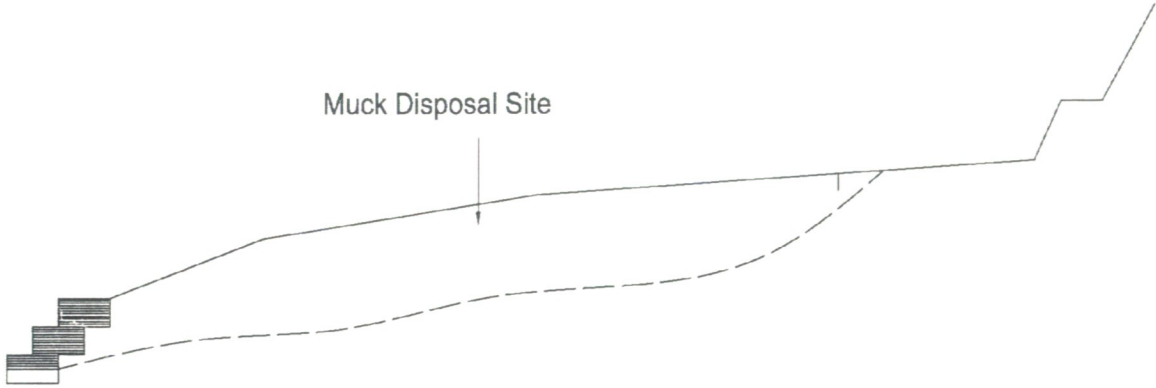


प्रारूप

परियोजना का नाम:- उत्तराखण्ड राज्य में उत्तरकाशी जिले के अन्तर्गत रा0 रा0 -134(पुराना रा0रा0-94) के कि0मी0 24.300 से कि0मी0 51.900 तक सिल्क्यारा बैड पर सुरंग निर्माण का कार्य (चार धाम राजमार्ग विकास परियोजना) हेतु वन भूमि हस्तान्तरण का प्रस्ताव।

मलबा निस्तारण योजना



TYPICAL CROSS SECTION FOR DUMPING ZONE



प्रबंधक

रा0 रा0 एवं अ0
वि0 नि0 लि0,
देहरादून, उत्तराखण्ड।

General Manager (Project)
National Highways & Infrastructure Development Corp. Ltd.
58/37, 1st Floor, Balbeer Road
B.O. Dehradun-248001 (Uttarakhand)
देहरादून, उत्तराखण्ड।

Muck Dumping Scheme

MUCK CALCULTION AND DISPOSAL SCHEME FOR SILKYARA BARKOT TUNNEL

1. This project covers the Construction of 4.531 Km. long 2 Lane Bi- Directional Tunnel between Silkyara and Barkot (Including Approach Roads, Minor Bridges at Silkyara Portal). For this project following are the Muck sources.

A. Excavation of Tunnel in class A, B, and C.

B. Excavation of Tunnel in Class D and E.

C. Excavation at Silkyara portal.

D. Excavation at Barkot Portal.

2. It is planned to be construction material as Aggregate and Base Course Material will be used from excavated rock in Class A, B, and C Part of excavated muck will be used in construction of Approach roads and diversion of roads at Barkot Portal. Following are Sources where excavated material can be used.

A. Approach Roads.

B. Coarse Aggregate in Tunnel lining.

C. Portal and Bridge Concerting.

D. Base Material for Pavement.

E. Diversion of Road and Retaining Wall at Barkot.

F. Grouting Material.

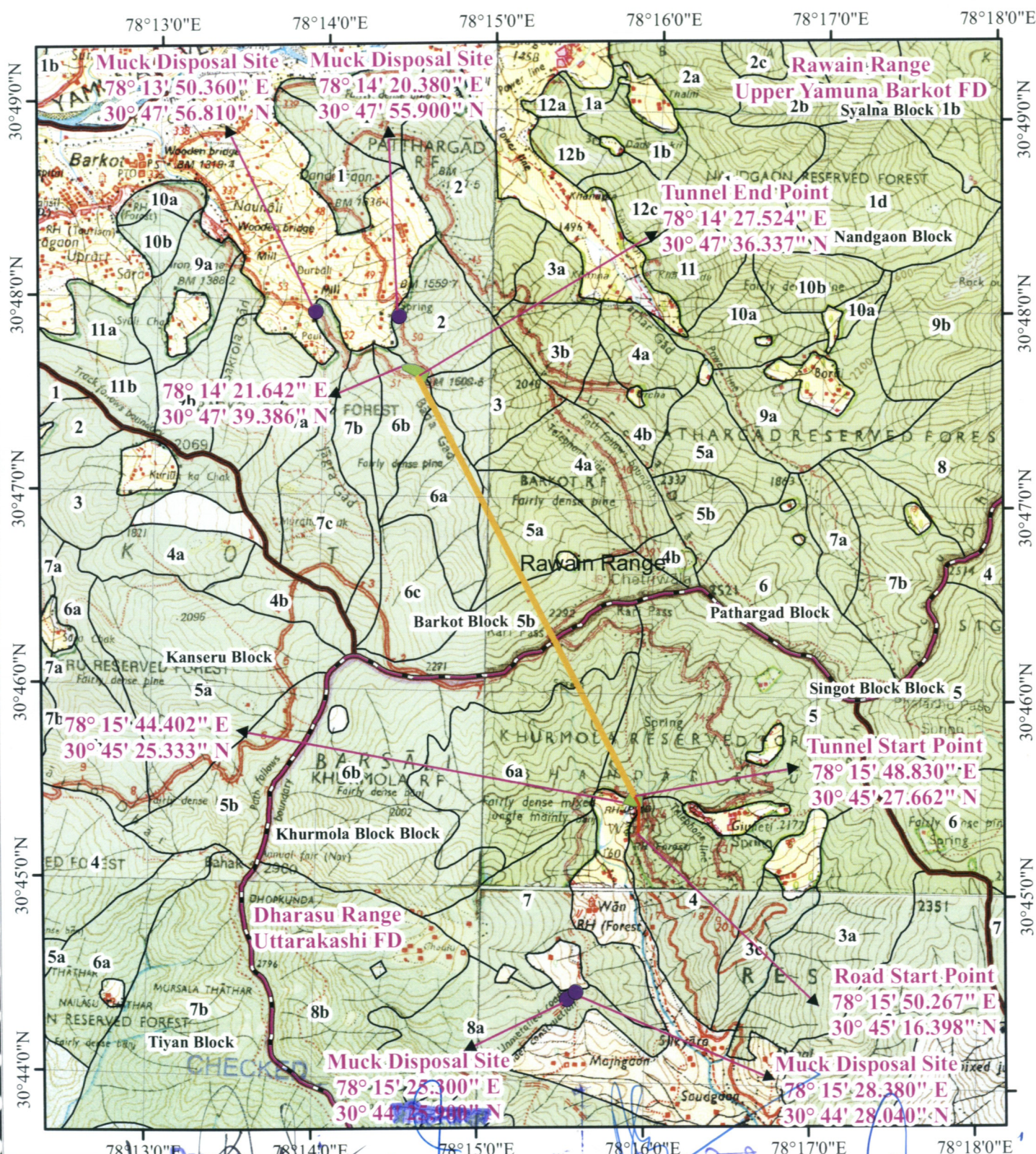
3. Following table depict muck obtained from different sources.

S. No.	Description	Quantity in cum
1	Excavation of Tunnel in Class A,B, and C	4,29,793
2	Excavation of Tunnel in Class D and E	2,00,125
3	Excavation at Silkyara Portal	40,000
4	Excavation at Barkot Portal	30,250
Total Muck Quantity in Cum		7,00,168

4. Following are Sources of Muck Consumption as Construction Material

S. No.	Description	Quantity in cum
1	Approach Roads	47,360
2	Coarse Aggregate in Tunnel Lining	1,00,050
3	Portal and Bridge Concerting	1,444
4	Base Material for Pavement	1,59,803
5	Diversion of Road at Barkot	1,74,000
6	Grouting Material	25,000
Total Muck Quantity in Cum		5,07,657
Total Muck to be Disposed at Dumping Area		1,92,511
Capacity of Dumping zones		2,13,000

डिजिटल मैप-उत्तराखण्ड राज्य के जनपद उत्तरकाशी के राष्ट्रीय राजमार्ग-134 (94) के मौजूदा कि०मी० 24.300 से कि०मी० 51.900 में टनल के निर्माण हेतु



Legend

-  Proposed Approach Road
 Proposed Tunnel
 Proposed Land For Portal
 Muck Disposal Site
-  Forest Range Boundary
 Forest Division Boundary
 Reserve Forest
 Reserve Forest Boundary

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