

**Calculations for Muck disposal Plan**

| S.N | Description                                                                                                                      | Qty       | Unit |
|-----|----------------------------------------------------------------------------------------------------------------------------------|-----------|------|
| A.  | Total quantity of muck generated after considering swelling factor of 16 %                                                       | 175229.17 | Cum  |
| B.  | Muck to be used locally during construction as per submitted muck disposal plan                                                  | 148865.53 | Cum  |
| C.  | Muck to be dumped                                                                                                                | 26363.00  | Cum  |
| D.  | Muck to be dumped at 3 dumping sites                                                                                             | 4400.00   | Cum  |
| E.  | Muck to be used for filling works, construction & protection works at Project Camp Building having area of 5000 m <sup>2</sup> . | 17500.00  | Cum  |
| F.  | Balance Muck (C-D-E) to be disposed at Quarry site                                                                               | 4463.00   | Cum  |
| G.  | Capacity of Quarry Site having size 50 m x 40 m considering 7.0 m height                                                         | 14000.00  | Cum  |



अधिसासी अभियन्ता (जानपद-लजविप)  
यूजेवीएन लिमिटेड  
धारचूला, पिथौरागढ़