

GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS
RAJYA SABHA
UNSTARRED QUESTION NO-1990
ANSWERED ON – 20/12/2023

Geological Report of the Silkyara-Barkot tunnel

1990. SHRI MALLIKARJUN KHARGE:

Will the Minister of ROAD TRANSPORT AND HIGHWAYS be pleased to state:

- (a) the details of the Geological Report submitted to Government before the commencement of the Silkyara-Barkot tunnel;
- (b) whether it is a fact that the report showed that the proposed tunnel could encounter weak rocks;
- (c) if so, the details thereof; and
- (d) the details of safety measures and steps taken to overcome the problem of weak rocks in the construction of the said tunnel including providing extra support to the identified loose part of the mountain?;

ANSWER

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS

(SHRI NITIN JAIRAM GADKARI)

- (a) The rock classification as per Geological report submitted by the Detailed Project Report (DPR) Consultant w.r.t. Silkyara – Barkot tunnel alignment (length 4531 m) ranges from Poor (Class IV) to Very Good (Class I).
- (b) &(c) The rock classification reported by the the EPC Contractor during execution ranges from Very Poor (Class V) to Fair (Class-III).
- (d) To overcome the problem of weak rocks during tunnel construction, additional support such as shotcrete, fore poling, rock bolts, steel ribs, lattice girder,etc. have been provided.
