

परियोजना का नाम :- जनपद हरिद्वार में प्रधान मन्त्री ग्रामीण सड़क योजना के अन्तर्गत प्रस्तावित गैँडीखाता -नौरंगाबाद मोटर मार्ग, के नव निर्माण हेतु वन भूमि हस्तान्तरण प्रस्ताव। 2.320कि०मी०

Geological Assessment of the Proposed Alignment Corridor of
Gaindi Khata to Naurangabad Motor Road, Distt. Haridwar

Introduction:

The Hii-Tee Engineers & Consultants, request the undersigned to carryout the Geological Assessment of 2.32 km long alignment-Corridor of the proposed Gaindi Khata to Naurangabad Motor road under PMGSY Irrigation Division, Dehradun.

General Geology and Geomorphology of the Gaindi Khata to
Naurangabad road alignment:-

The proposed road falls in Bahadarabad block of Haridwar district in Uttarakhand. The proposed road is in the Indo Gangetic plane where altitude varies from 252 m to 270 m above main sea level. The area experiences mild winters and hot summers, followed by rainy season. Forests are of restricted distribution and can be grouped as tropical moist deciduous and tropical wet. Besides Sal trees, there are tall grasses.

Indo Gangetic plain is the largest alluvial plain in the world. The area falls in a narrow southerly sloping upland adjoining the Siwalik hills or Sub-Himalayas. It is made up of unsorted coarse elastic sediments (boulders, pebbles etc.) and recent alluvial and colluvial fans. In this zone most of small seasonal rivers draining from Sub-Himalaya disappear. There is another major fault - the Foot Hill fault which separates the Indo-Gangetic alluvium from the over lying Siwalik Group of rocks which falls just north of the present road alignment.

As no rocks are exposed in the entire area, no description of rocks, their characters and hardness etc. can be given. The surface is made up of boulders pebbles coarse sand etc. of rocks transported by different river systems from north and alluvium.

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Geological Survey of India,
Dehradun

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भू-वैज्ञानिक

नोट :-प्रयोक्ता एजेन्सी द्वारा भू-वैज्ञानिक की आख्या प्राप्त कर प्रस्ताव के साथ संलग्न

