

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

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

Introduction:

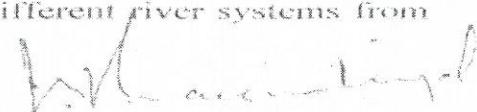
The Hi-Tee Engineers & Consultants, request the undersigned to carryout the Geological Assessment of 2.32 km long alignment-Corridor of the proposed Gaiindi Khata to Naurangabad Motor road under PMGSY Irrigation Division, Dehradun.

General Geology and Geomorphology of the Gaiindi Khata to Naurangbad road alignment:-

The proposed road falls in Bahadarpur block of Hardwar district in Uttrakhand. 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 clastic 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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 Director (Retd.)
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 Dehradun

हो/
 भू-वैज्ञानिक

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

