

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

NO. PW-EE-RAJ-WA-FCA-Neri-Kotli Sanohat road /2025-26.

Date:- 9228-29 27-28/01/2026

To

✓ The Nodal Officer-cum-Additional
Principal Chief conservator of Forest (FCA)
Forest Department Talend, Shimla-I

Subject:-

Diversion of 2.4657 hectare of Forest land in favor of Himachal Pradesh Public Works Department for C/O link road from Neri-Kotli, Sanohat to village Draina RD 0/0 TO 5/560, within the jurisdiction of Rajgarh Forest Division, Distt. Sirmour HP.

Reference:-

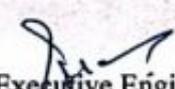
Online Proposal No. FP/HP/ROAD/156332/2022 dated 19.07.2024.

In reference to the proposal for FCA on the above cited subject. The FCA case is sent your office after attending the observation is as under :-

Sr. No.	Observation	Reply	Remarks
1	2	3	4
1	State Govt. shall provide the legible copy of the administrative and financial approval of the proposed Project, duly authenticated by competent authority.		
2	Upon perusal of KML & Joint Inspection Report, it has been found that the proposed road is already built/constructed at most of the places both in Forest and Non-forest. Therefore, DFO concerned shall clarify whether the proposed road has been constructed, if yes details of violation is required to be updated in S.No-13, part-I as well as in the SIR? If no, justification for the same with relevant document is required to be uploaded	Pertain to your office	
3	As per the DSS, the proposed area of the KML/shape file Area evaluated is approx. 1.13 (ha.) instead of 2.4657 (ha.) State Govt. shall mark all the components as mentioned in the KML (mark the proposed road Y (Forest/Non-forest/Violated/Non-violated/Dumping site), in the component wise breakup Sr. No-3, Part-I. All the components should be in the polygon form in the KML file (with legend in distinct colours) and area of each component should be similar to the area mentioned in B-24 Accordingly revise the DGPS/SOI toposheet with correct area, duly authenticated by DFO concerned.	The correction has been made	
4	Dumping sites (03 No's) has been proposed in the forestland, therefore State Govt. may explore to shift the dumping sites to Non-forest land. Also, State Govt. may provide the list of Tree standing in the proposed dumping sites with photographs, if any and submit an undertaking with effect that No green standing Tree shall be felled in the dumping sites duly authenticated by DFO concerned.	Pertain to your office	
5	As per the KML and Muck Management Plan 3 dumping sites has been proposed however as per the S. No-B-2.4 only on consolidated dumping site has been mentioned. Therefore, State Govt. shall mark all the dumping sites with respective diversion	The correction has been made the same has been uploaded	

	area in the B-2.4		
6	State Govt. shall upload the legible copy of the Joint Inspection Report (JSIR)	Joint Inspection Report has been uploaded	
7	As per the Joint Inspection Report and Part-I (FORM-A), filled by UA, the details of proposed road is mentioned as 1.9857 ha + 0.48 ha (dumping sites), However as per the S.no-B-2.4, Part-1, the details is mentioned as Road-2.1579 + 0.3078 (Dumping sites). Therefore, State Govt. shall clarify the same and update the S.No-B-2.4, Part-I accordingly and JSIR & FORM-A accordingly.	Revised Joint Inspection Report has been uploaded	
8	Also upon perusal of the KML, the proposed alignment is passing thorough Cures slopy/hilly terrain through dense forest involves felling of 287 number of trees, which may causes possibility of accelerated soil erosion/landslide in the landscape. Therefore, State Govt. may provide details of the mitigation measures to be adopted to arrest the accelerated soil erosion/land slide during/after execution of project. Additionally, the State Govt. may submit Soil and Moisture Conservation Plan as per para-1.22 (ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980	Undertaking hold	
9	State Govt. shall provide the detailed reclamation plan with the activities involves le. protection measure/plantation activity/engineering work etc. with financial outlay, duly authenticated by DFO concerned.	Attached	
10	State Govt. shall upload the NOC from HPTCL, HPSEBL, IPH. Telecom department, as the case may be, on the PARIVESH portal.	Uploaded on e- parevash	
11	State Govt. may provide the detailed and scaled layout plan in legible format and in proper Scale chainage wise length and width of the proposed road and mark (Forest land/Non-Forest land/ Violated Part/ /Dumping sites etc.) duly authenticated by DFO concerned.	Uploaded on e- parevash	
12	As per the DSS analysis, out of total proposed CA area 5.10ha, 01 ha is under moderately dense Forest (MDF) category. Therefore, State Govt. shall revise the CA area with vegetation density less <40%, with detailed CA scheme (activities involved), SOI toposheet with toposheet number, DGPS map and land suitability certificate and also, fill the details in the Sr. no-13 (i) of Part-II of the Parivesh portal in view of consolidated Guidelines and Clarifications on Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 and Van (Sanrakshan Evam Samvardhan) Rules, 2023.	Pertain to DFO	
13	Upon perusal of KML and DSS report, it has been observed that the existing metalled road & Agriculture land is passing through the proposed CA land (PF Kairy). Therefore, DFO is required to exclude the proposed alignment from the proposed CA site, so that compact block of the CA can be assured with proper protection measures/fencing	Pertain to DFO	

14	State Govt. may provide/submit the detailed Geologist report for the proposed DA duly authenticated by DFO concerned.	Same has been uploaded	
15	State Govt. shall submit the exact aerial distance certificate of the proposed diversion area from the Nearest PAs and its notified/proposed ESZ, duly authenticated by DFO concerned.	Pertain to DFO	
16	State Govt. Shall provide the certificate of non-availability of NFL as per format in SCHEDULE -III from Chief Secretary for proposing DFL under special provision Para 2.2 (iv) of Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 and Van (Sanrakshan Evam Samvardhan) Rules, 2023, MoEF&CC.	Pertain to DFO	
17	State Govt. shall provide the legible and correct Tree abstract and enumeration details khasra No wise duly authenticated by DFO concerned designated column of the Part-II. The details mentioned in S. No-4.1 (saplings & Trees) should be similar to the tree abstract and enumeration details.	Pertain to DFO	
18	State Govt. shall upload the revise Site Inspection Report of DFO concerned and update the column 2, 3 & 4.	Pertain to DFO	
19	State Govt. shall upload the detailed muck disposal plan enclosing photograph of sites, carrying capacity of each muck dumping mentioning area calculation in length width format and engineering structure that will be adopted for proper muck disposal duly authenticated by DFO concerned.	uploaded	


 Executive Engineer
 Rajgarh Division
 HP.PWD Rajgarh

Copy to the Assistant Engineer, Habban Sub Division, HPPWD Habban for information and necessary action.

Executive Engineer
 Rajgarh Division
 HP.PWD Rajgarh

NO.PLG-PL (F) 3-1/2023-24-MLA-Sirmour
Govt of Himachal Pradesh
"Planning Department"

From

Adviser (Planning)
HP, Shimla-2.

To

The Engineer-in-Chief (PWD),
Nirman Bhawan, Nigam Vihar,
Shimla-171002.

Dated: Shimla-2, the

July, 2023.

Subject:

Substitution proposal of MLA Priority scheme for the year 2022-23.

Sir,

I am to say that Smt. Reena Kashyap, Hon'ble MLA (Pachhad Constituency) vide his D.O letter No.26/PCHD/2023 dated 18-07-2023 has desired to substitute the earlier priority of the "Really New Scheme" under development Head "R&B" for the year 2022-23 as under:-

Pr No.	Name of MLA priority scheme as per earlier list	Scheme proposed in place of Col. 2 scheme
1.	2.	3.
2.	"Roads & Bridges" (RNS) 2022-23 C/o Foot bridge Jajah and Lana Rao Bag, GP Kargaroo (Community Block Rajgarh)	"Roads & Bridges" (RNS) 2022-23 Link road Kotli, Sanohat, Darena (6KM) Block Rajgarh, Distt. Sirmour

The above scheme may be substituted subject to the condition that the DPR of the scheme mentioned at column-2 above, has not been prepared. You are requested to inform the Hon'ble MLA and Planning Department accordingly.

Yours faithfully,

(Dr. Basu Sood)
Adviser (Planning),
HP, Shimla-2
July, 2023.

Endst. No. As above.

Dated: Shimla-2 the

Copy is forwarded for information & necessary action to:-

1. Smt. Reena Kashyap, Hon'ble MLA (Pachhad Constituency) Set No.503, New Metropole, Shimla-1 HP w.r.t her above mentioned D.O letter.
2. Pr. Secy. (PWD) to the GoHP, Shimla-2
3. Guard File

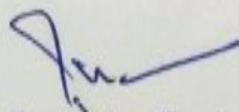
(Dr. Basu Sood)
Adviser (Planning),
HP, Shimla-2

Full title of the Project: -: Diversion of 2.4657 hectare of Forest land in favour of Himachal Pradesh Public work Department for C/O Link Road from Neri-Kotli, Sanohat to Village Draina RD 0/0 to 5/560, within the jurisdiction of Rajgarh Forest Division, distt. Sirmour Himachal Pradesh. Online proposal no FP/HP/ROAD/156332/2022

CERTIFICATE

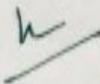
It is certified that during the construction of road the effect of land sliding and soil erosion will be mitigate by providing necessary protection work i.e R/Wall, B/Wall, Wire crate works and cutting work will be done in scientific manner. The plantation of various species of grass, beds and bushes also be done in the soil erosion portion in specific manner which helps to counter the land sliding/soil erosion efforts in the affected area with the help and direction of expert team of forest department.

Biological measures, however, require special efforts as the muck disposed in disposal yards will in general be devoid of nutrients and soil contents to support vegetation. The selection of soil for spreading over such an area would require nutrient profiling of soil for different base elements. Suitable ad mixture of nutrients would be done before placing the soil on the top surface of muck disposal areas to have administered growth of forest canopy.



Executive Engineer
Rajgarh Division
H.P.P.W.D. Rajgarh

C/S

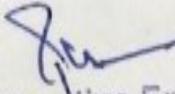


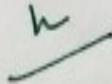
Deputy Conservator of Forests
Rajgarh Forest Division
Rajgarh

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UNDERTAKING

I/ Executive Engineer, HP.PWD Division Rajgarh, here by undertake that no trees will be felled in the dumping site.

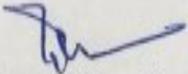

Executive Engineer
Rajgarh Division
H.P.P.W.D. Rajgarh

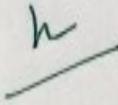
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Deputy Conservator of Forests
Rajgarh Forest Division
Rajgarh

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UNDERTAKING

I/ Executive Engineer, HP.PWD Division Rajgarh, here by undertake that to protect the sapling trees during the construction of this road. Also try to transplant Sapling trees to nearby places with the help of forest department.

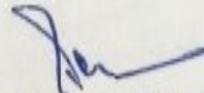

Executive Engineer
Rajgarh Division
H.P.P.W.D. Rajgarh

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Deputy Conservator of Forests
Rajgarh Forest Division
Rajgarh

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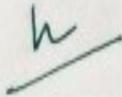
UNDERTAKING

I/ Executive Engineer, HP.PWD Division Rajgarh, here by giving undertaking to pay the entire amount for Soil and Moisture Conservation Plan in lieu of forest area diverting for diversion of 2.4657 Hect. of forest land, for the C/O Link Road from Neri-Kotli, Sanohat to Village Draina RD 0/0 to 5/560, within the jurisdiction of Rajgarh Forest Division, distt. Sirmour Himachal Pradesh.



Executive Engineer
Rajgarh Division
H.P.P.W.D. Rajgarh

C/S



Deputy Conservator of Forests
Rajgarh Forest Division
Rajgarh

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UNDERTAKING

I/ Executive Engineer, HP.PWD Division Rajgarh, here by giving undertaking that During the C/O Link Road from Neri-Kotli, Sanohat to Village Draina RD 0/0 to 5/560 the recharge point of the seasonal streams and springs shall be taken due care from the disturbance, and sufficient measures shall be adopted to preserve the sources of these natural springs/streams and their flow to.


Executive Engineer
Rajgarh Division
H.P.P.W.D. Rajgarh

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Deputy Conservator of Forests
Rajgarh Forest Division
Rajgarh

CHECK LIST NO. 28

Detail Reclamation Plan, whenever required. It should be realistic exhaustive and complete in all respects along with relevant maps in distinct colors. It should also include the details of back fillings, afforestation and execution of such works, whenever required.

Diversion of 2.4657 hectare of forest land has been proposed for the C/O Link Road From Neri-Kotli, Sandhat to Village Draina RD 0/0 to 5/560.in Tehsil Rajgarh District Sirmour. The construction of this road will generate muck to the extent of 71000.00 Cubic meter. By taking Deduction for useful stone 1/3 and a swell factor of 40% on the total muck become 66266.66 cubic meter (Detail attached at Page___) Out of this 45061.30 cubic meter of muck will be used for construction of masonry walls, Edge/wall R/Wall and B/wall, leveling and half cutting half filling of the proposed road. The remaining 21205.36 Cubic meter of muck will require safe disposal. The user agency has identified 3 No. dumping sites for the disposal of this muck. The dumping site has been identified along the proposed site and the capacity of these dumping sites has been worked out to be 21546.42 cubic meter (Detail attached at Page___) which is sufficient to hold the muck to be generated.

Thus all the muck generated will be dumped in the designated dumping sites. 3 number dumping site designated as DS-I & III had been identified for dumping of muck / debris to be produced during the construction phase of the project. It is proposed that the dumping sites are treated in such a manner that these do not pose any problem to the environmental management consideration arising out of the necessity to stabilize the dumping sites at the earliest. Therefore, this reclamation plan has been formulated with the following objectives:-

1. To arrest the dumped muck in-situ so that it does not find its way to the nearby drainage channels, thus altering the drainage pattern of the area.
2. To rehabilitate the dumped area over a period of time so that it merges with the Adjoining natural landscape and does not stand out as a sore point.
3. To improve the aesthetics of the dumping grounds/ dumping site by planting suitable Plants and trees species thereby increasing the forest cover in the area.
4. To stabilize the dumping site by vegetative and engineering structures.

Implementation :

The proposal will be implemented by the user agency itself at its own cost as detailed in this plan. The implementation of the plan will be supervised by the forest department from time to time and the progress will be periodically monitored. In case of default the sanction of diverted land may be revoked with suitable penalty as decided by the Govt. of India.

Strategy :

The pronged approach will be followed for reclamation of dumping sites. In the first instance crate wall will be erected around the dumping site so that required capacity for dumping of muck is created at the sites. The detailed drawings of the crate work to be undertaken are enclosed. The primary objective of the crate works will be to arrest the dumped muck at the dumping sites itself and not allow its spillage to adjoining areas and eventually to nearby drainage lines. The capacity of the dumping sites has been calculated as detailed in the table and will be enough to hold the muck required to be dumped in each of the sites.

In the second phase, once the dumping is complete it will be ensured that the dumping site is planted with grasses, bushes, shrubs and tree so that it gives an aesthetic look. This vegetal cover will also help in binding the soil and will prevent its erosion. For vegetating the dumping sites, suitable local species will be preferred. However, it may be noted that bulk of the muck to be dumped will be excavated material which will be lacking in essential nutrients and organic matter. Hence it will be desirable to increase the nutrient status of the top soil to make it conducive to tree/ vegetal growth. For this purpose maturing of top soil shall be done. If required, imported soil shall be brought to replenish the top soil. Instantly grasses and bushes will be planted in the area to improve the soil condition. Once these grasses and bushes take hold of the site, tree species will be planted in next phase. The tree species to be planted will be namely Robinia, Lucinea, albizia, Drek Amla Bamboo, Khair, Chail and Devdar.

Grasses like Steria and Napier will also be propagated. Trees will be Planted as the closer spacing so that canopy is closed at the earliest. Hence the spacing will be kept at 1.5 mtr. x 1.5 mtr. The total area involved in dumping is 3078 Square metre. Also due to inert nature of soil, plants will need extra care for their establishment. For this purpose, imported soil/ organic manure will be added in each pit for easy establishment of plants. Watering of the plant in dry season will be provided to prevent mortality. The plantation will be further maintained at project cost for next five year beating up of failure will be done.

Post reclamation arrangement :

Since the area in question is required by the user agency only for the temporary use of dumping, hence the area will be reverted back to forest department after implementing the reclamation plan, if so stipulated by Govt. of India. However if at the time of so reverting back the

to forest department if any activities as per this reclamation plan is found wanting then the forest department may realize the cost that activity from the user agency at the prevailing wages rates applicable in forest department and may get the same done departmentally at the project cost.

Place : Rajgarh
Dated : 9-06-2022


Assistant Engineer
Habban Sub Division
H.P.R.W.D. Habban


Executive Engineer,
Rajgarh Division,
H.P.R.W.D. Rajgarh.

C/S



Deputy Commissioner of Forests
Rajgarh Forest Division
Rajgarh

98 82

: C/O Link Road From Neri-Kotli, Sanohat to Village Draina RD 0/0 to 5/560.

MUCK MANAGEMENT PLAN (MMP)

Sr.	Description	Quantity
1	Total Quantity of Muck being produced	71000.00
2	Deduction for useful stone as required under the clause of agreement to be executed by the Contractor and Executive Engineer of Project. 1/3 17333cum	23666.67
3	Net Balance Quantity of Debris/Muck (1-2)	47333.33
4	Quantity available on site with swell factor @ 40% 1.40A (B)	18933.33
5	Total (sr.3+4)	66266.66cum(B)
6	Material /Muck to be used in Project:-	
(i)	Deduction of material required for the construction of dumping place in dry masonry wall/Edge wall/ @ 24% of (B)	16566.66
(ii)	Less for material/Muck required for leveling of the proposed road for the construction @15% of (B)	9940.00
(iii)	Less for material /Muck required for the construction of the proposed road on the analogy of half cutting half filling R Wall and B/wall @ 28% of (B)	18554.64
	Total :- (i)+(ii)+(iii)	45061.30 (C)
6	Net material/Muck to dumped in dumping site (B-C) in Cum	21205.36 cum

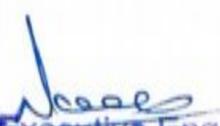
Proposed dumping sites

Material/Muck left at the site which required carriage for the proper dumping at the recognized site as per the instructions of forest and environment Ministry reinforced by various judgments of the Apex Court Govt. of India.

Sr. No.	Dumping Site No.	Kh no.	Design Annexed Yes/No.	Capacity
1.	1	755/2	yes	8241.80
	2	392/374/338/2	yes	4768.47
	3	183/2	yes	8536.15
			Total	21546.42Cum

CIS


 Assistant Engineer
 Habban Forest Division
 H.P.P.W.D. Raigarh

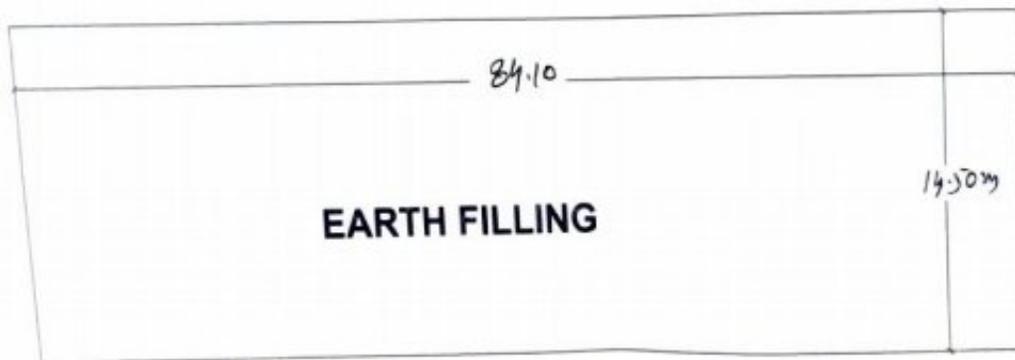

 Executive Engineer,
 Raigarh Division,
 H.P.P.W.D. Raigarh.

Deputy Conservator of Forests
 Raigarh Forest Division
 Raigarh

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Muck Dumping Plan For the C/O Link Road From Neri-Kotli, Sanohat to Village Draina RD 0/0 to 5/560

(D3)



**TOTAL DUMPING
DUMPING SITE**

L B H Qty
 84.10 14.50 7.00 = 8536.15 m³

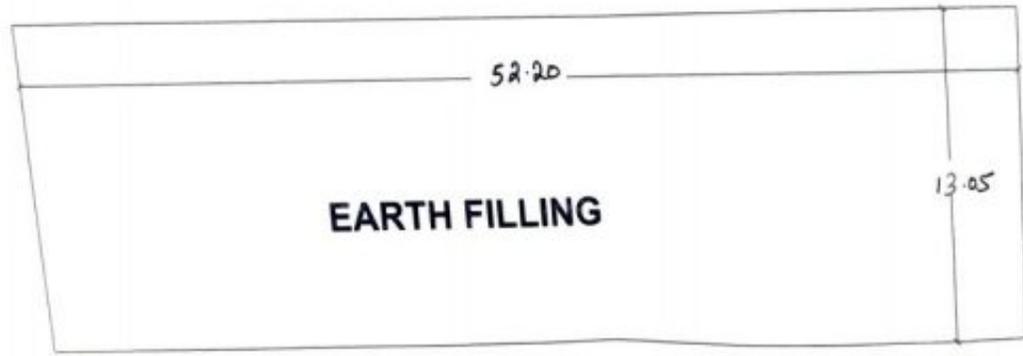
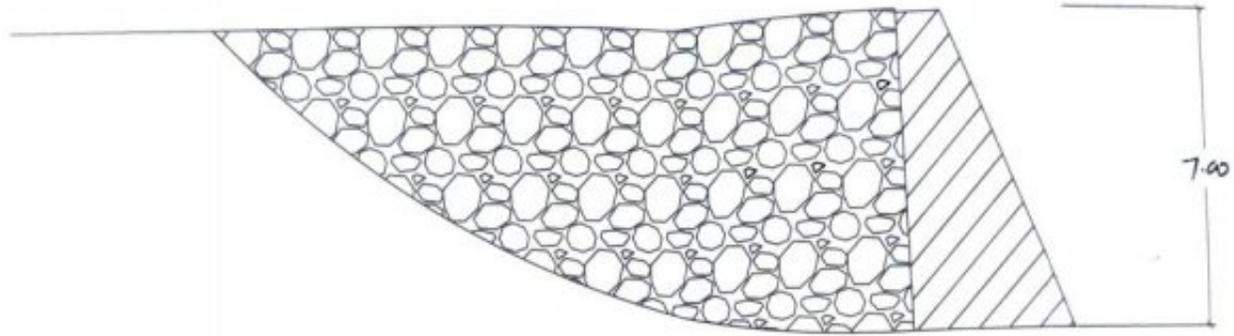
Deputy Conservator of Forests
 H.P. P.W.D., Rajgarh

Assistant Engineer
 H.P. P.W.D., Rajgarh

Executive Engineer,
 Rajgarh Division,
 H.P.P.W.D., Rajgarh.

Muck Dumping Plan For the C/O Link Road From Neri-Kotli, Sanohat to Village Draina RD 0/0 to 5/560

(D₂)



**TOTAL DUMPING
DUMPING SITE**

L	B	H	Qty
52.20	13.05	7.00	= 4768.47 m ³

Dr

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For
[unclear]

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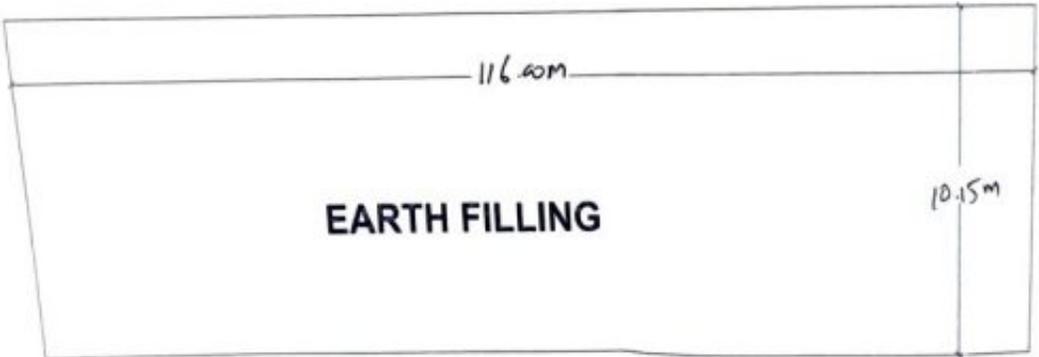
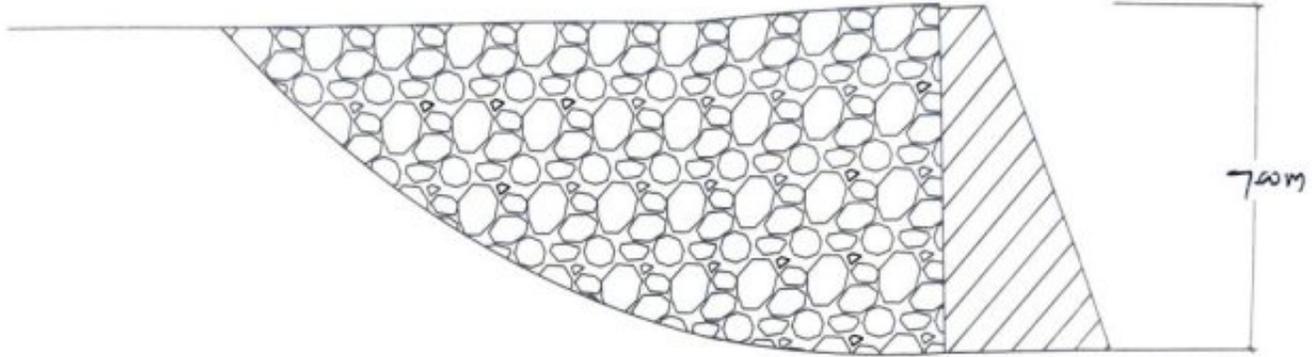
Assistant Engineer
H. [unclear]
P.L., W.D. Hassan

[Handwritten signature]
E. Tari
M.P. [unclear]

For
[unclear]

Muck Dumping Plan For the C/O Link Road From Neri-Kotli, Sanohat to Village Draina RD 0/0 to 5/560.

(D₁)



TOTAL DUMPING DUMPING SITE

L	B	H	Qty
116	10.15	7.00	= 8241.80m ³

Sanohat
 [Signature]

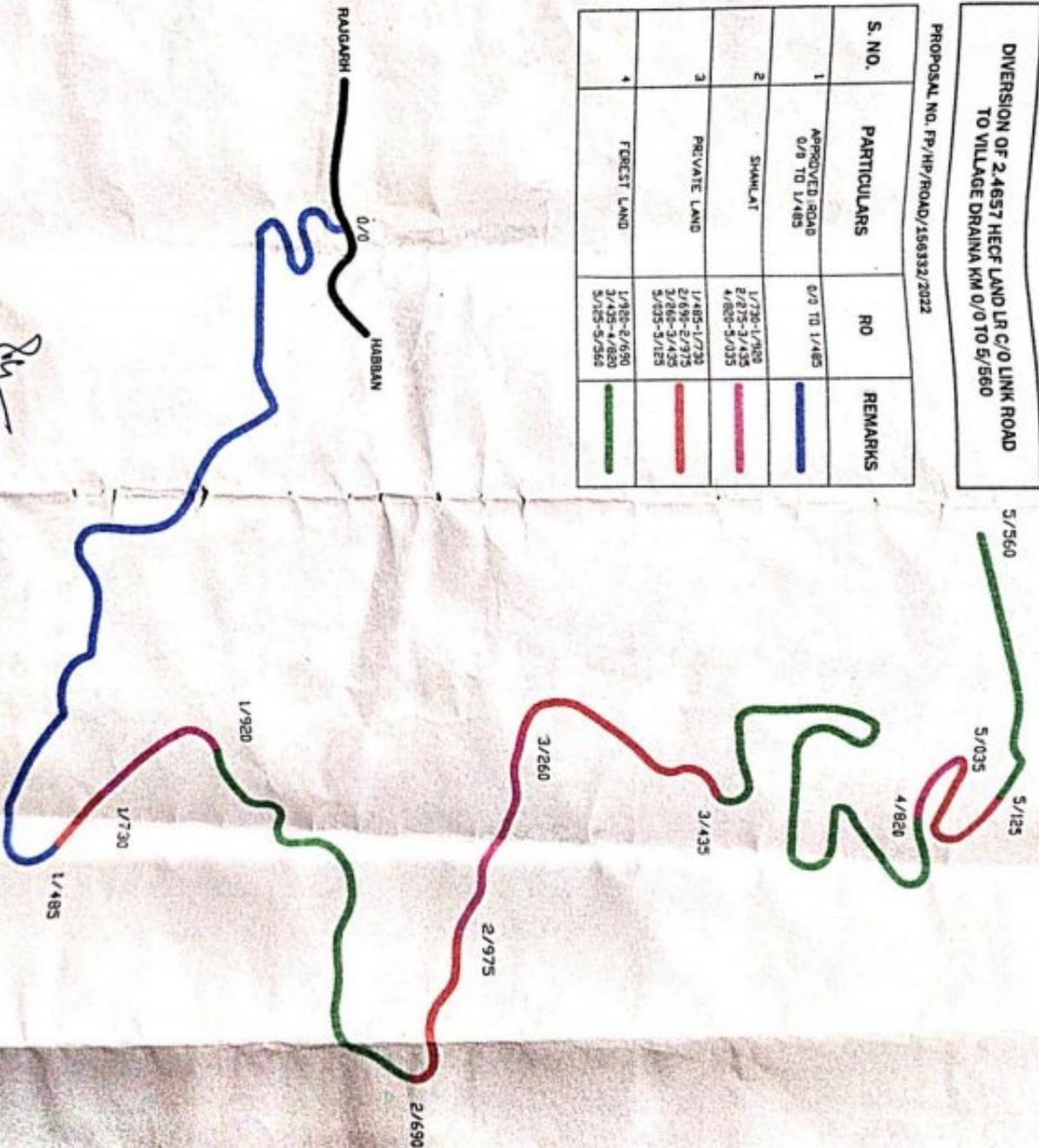
[Signature]
 Assistant Engineer
 H. Sub Division
 H. W.D. Habtan

[Signature]
 H. W.D. Rajgarh

**DIVERSION OF 2.4657 HECT LAND LR C/O LINK ROAD
TO VILLAGE DRAINAGE KM 0/0 TO 5/560**

PROPOSAL NO. FP/HP/ROAD/156332/2022

S. NO.	PARTICULARS	RO	REMARKS
1	APPROVED ROAD 0/0 TO 1/485	0/0 TO 1/485	
2	SHMLAT	1/730-1/920 2/275-3/435 4/820-5/035	
3	PRIVATE LAND	1/485-1/730 2/695-2/975 3/260-3/435 5/035-5/125	
4	FOREST LAND	1/920-2/690 3/435-4/820 5/125-5/560	



CS
W
Deputy Conservator of Forests
Rajasthan Forest Division
Jaipur

Executive Engineer,
Rajasthan Forest Division,
HP, PWD, Jaipur

FORM 'A'

Form for seeking prior approval under section 2 for the proposals by the State Government and other authorities.

PART-I
(TO BE FILLED UP BY USER AGENCY)

Sr. No.															
1.		Project details													
	(i)	Short narrative of the proposal and Project/Scheme for which the forest land is required.	The forest land is required for Diversion of 2.4657 Hect. of forest Land for C/O Link Road From Neri-Kotli, Sanohat to Village Draina RD 0/0 to 5/560. Detail attached page _____.												
	(ii)	Map showing the required forest land, boundary of adjoining forest on a 1:50,000 scale map	The contour map on 1:50000 scale showing the required forest area, boundary of adjoining forests is attached as page _____. The item wise break up of the required forest area for different purposes is as under: <table border="0" style="margin-left: 20px;"> <tr> <td><u>Purpose</u></td> <td><u>Forest land required</u></td> </tr> <tr> <td>Road</td> <td>2.1579 Hect.</td> </tr> <tr> <td>Dumping</td> <td>0.3078 Hect</td> </tr> <tr> <td>Total Forest Land</td> <td>2.4657 Hect</td> </tr> <tr> <td><u>Non Forest land required</u></td> <td></td> </tr> <tr> <td>Road</td> <td>0.8850 Hect</td> </tr> </table>	<u>Purpose</u>	<u>Forest land required</u>	Road	2.1579 Hect.	Dumping	0.3078 Hect	Total Forest Land	2.4657 Hect	<u>Non Forest land required</u>		Road	0.8850 Hect
<u>Purpose</u>	<u>Forest land required</u>														
Road	2.1579 Hect.														
Dumping	0.3078 Hect														
Total Forest Land	2.4657 Hect														
<u>Non Forest land required</u>															
Road	0.8850 Hect														
	(iii)	Cost of Project.	Estimated cost for construction of this road will be approximately Rs 200.00 laes												
	(iv)	Justification for locating the project in forest area.	Detail attached page _____.												
	(v)	Cost benefit analysis (to be enclosed)	Not applicable as the area involved in the proposal is less than 5 ha.												
	(vi)	Employment likely to be generated.	About 45000 man days will be generated directly as a result of construction activity of the Road. Besides, due to increased economic activity in the area, many indirect opportunities of employment.												
2.		Purpose wise break up of total land required.	Total land required for the road is 2.4657 Hect. C/O Link Road From Neri-Kotli, Sanohat to Village Draina RD 0/0 to 5/560.												
3.		Details of displacement of people due to the project, if any	No displacement of people is involved.												
	(i)	Number of families,	Not applicable												
	(ii)	Number of scheduled castes/schedules tribe families.	Not applicable												
	(iii)	Rehabilitation plan (to be enclosed)	Not applicable												
4.		Whether clearance under Environment (Protection) Act, 1986 required?	Not required.												
5.		Undertaking to bear the cost of raising and maintenance of compensatory afforestation/additional compensatory afforestation as well as cost of protection and regeneration of Safety Zone, etc. as per the scheme prepared by the State Government (undertaking to be enclosed)	Undertaking attached.												

6.	Details of Certificates/documents enclosed as required under the instructions.	<ol style="list-style-type: none"> 1. Demand letter of the project authority. 2. Detailed project note. 3. Kh. No. wise detail of forest and non forest land. 4. Index map. 5. Alignment Plan. 6. Revenue papers like Parcha-Tatima . 7. Joint inspection report. 8. Detail of non forest area involved in the proposal 9. Justification for locating the project in forest area. 10. Certificate regarding minimum use of forest land. 11. Information regarding length and width of Road in forest area. 12. Undertaking regarding payment of cost of CA. 13. Undertaking regarding payment of cost of NPV. 14. Performa showing the detail of muck to be Generated and its disposal.
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Place:- Rajgarh
Date :-


 Assistant Engineer
 Habitation Division
 H.P.W.D. Rajgarh


 Executive Engineer,
 Rajgarh Division,
 H.P.W.D. Rajgarh.

JOINT INSPECTION REPORT:-Link Road from Kotli to Village Draina (Neri Kotli to Sanohat) Km 0/000 to 5/560, Tehsil Rajgarh, District Sirmour (H.P.).

The following members of committee inspected the road

- | | |
|--|-----------------|
| 1. Sub-Divisional Magistrate (Civil), Rajgarh | Chairman |
| 2. Divisional Forest Officer Rajgarh | Member |
| 3. Executive Engineer, HPPWD Rajgarh Division, Rajgarh | Member |
| 4. Tehsildar, Tehsil Rajgarh, District Sirmour (H.P.) | Member |

In compliance with the guidelines framed during the joint meeting of officials of the Government of Himachal Pradesh (HPPWD) and the Ministry of Environment & Forest, Government of India, a committee was constituted to carry out the joint inspection of the proposed link road from Kotli to Village Draina (Neri Kotli to Sanohat) under the jurisdiction of HPPWD Rajgarh Division Rajgarh.

Accordingly, a joint inspection of the above-mentioned road was carried out by the Joint Inspection Committee under the Chairmanship of the Sub-Divisional Magistrate (Civil), Rajgarh, on dated 17.12.2025.

Findings of the Joint Inspection Committee:

- The total length of the proposed road is 5.560 km (Km 0/000 to 5/560).
- As per enumeration carried out during joint inspection.
- No other adverse impact or damage to biodiversity has been observed, except the trees enumerated for felling.
- Trees standing on the proposed dumping sites and along the road alignment have been jointly inspected and noted.
- For protection against landslides and slope failure, construction of breast walls / earth protection works and retaining walls is required on both hill side and valley side at vulnerable locations which have been identified during the Joint inspection.

The identified dumping sites are located at the following chainage:

- Rd 0/710 to 0/826
- Rd 2/400 to 4/452.20
- Rd 4/730 to 4/814.10

The committee has jointly inspected the road proposal where further construction activities are required under HPPWD Rajgarh Division

(Member)



Executive Engineer,
Rajgarh Division,
HP.PWD Rajgarh.

(Member)



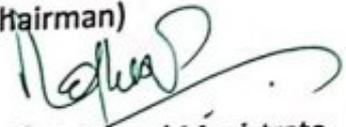
Divisional Forest,
Officer, Rajgarh,
District Sirmour H.P.

(Member)



Tehsildar Rajgarh,
Tehsil Rajgarh,
Distt. Sirmour H.P.

(Chairman)



Sub-Divisional Magistrate,
Rajgarh, Tehsil Rajgarh,
Distt. Sirmour HP

FCA Case

BHARAT SANCHAR NIGAM LIMITED
O/o SDO (A) Rajgarh, SSA Solan (HP)
Office No- 01799220100

To

The Executive Engineer

Rajgarh Division

HP PWD Rajgarh

No:- SDO/RJG/Genl/2022-23/93

Dated – 03-12-2024

Subject:- NOC for Diversion of 2.4657 hectare of Forest land in favour of HPPWD.

Ref:- PW-EE-RAJ-WA-FCA-Neri-Kotli road/2024-25 6209-12 Dated 28-10-2024.

Sir

It is stated that we have no objection for Diversion of 2.4657 hectare of Forest land in favour of HPPWD for C/O link road from Neri Kotli , Sanohat to village Draina RD 0/0 to 5/560, within the jurisdiction of Rajgarh Forest Division, Distt Sirmour HP as currently there is no underground cable network of BSNL.

This is for your kind information and necessary action please.

FR
WA

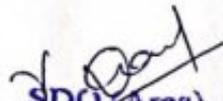
✓

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03-12-2024


SDO (Area)
SDBSNL
Rajgarh-173101

HIMACHAL PRADESH
JAL SHAKTI VIBHAG

NO. JS DR-CB-GA- "NOC"/2024-25

7642

Dated: 26/12/2024

To
Executive Engineer
HP P.W.D Rajgarh
Distt. Sirmour (H.P.).

Subject: - Regarding "No Objection Certificate" Diversion of 2.4657 hectare of Forest Land in favour of Himachal Pradesh Public Works Department for C/O link Road from Neri Kotli, Sanohat to village Draina RD 0/0 to 5/560 within jurisdiction of Rajgarh Forest Division Distt. Sirmour (H.P.).

Reference: - Your office letter No. PW.EE.RAJ-WA-FCA-Neri - Kotli road/2024-25 6209-12 Dated :- 28-10-2024

Sir,
Jai Hind

This is in reference to the letter received from your office stated under reference. It is submitted that as per report submitted by the Assistant Engineer Jal Shakti Sub Division Chandol vide office letter No. JS-SD-CHAN-"NOC"/2024-25 525 Dated 06-12-2024 the NOC is hereby granted as far as Jal Shakti Division Rajgarh.

Executive Engineer
Jal Shakti Division Rajgarh

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AS
26/12/24.

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30-12-2024



H.P. POWER TRANSMISSION CORPORATION LTD.

(A State Govt. Undertaking)

Regd. Office: Himfed Bhawan, New ISBT Road, Panjari, Shimla-171005
Ph.: - 0177-2831283, 2831284 FAX: -0177-2831284
(CIN): U40101HP2008SGC030950
(GSTIN):02AACCH1548M1ZP

HPPTCL/PRJ/F-86/I/625244

Dated: 28-05-2025

To

The Executive Engineer,
Rajgarh Division, HPPWD,
Distt. Sirmaur, H.P.

Subject:

Issuance of NOC for Diversion of 2.4657 hectare of Forest land in favour of Himachal Pradesh Public Work Department for construction of link road from Neri-Kotli, Sanohat to village Draina RD 0/0 to 5/560 within the jurisdiction of Rajgarh Forest Division, Distt. Sirmaur, H.P.

Ref:

Letter No. PW-EE-RAJ-WA-FCA-Neri-Kotli road/2025-26-537-38,
dated:03.05.2025.

The No Objection Certificate for construction of link road from Neri-Kotli, Sanohat to village Draina RD 0/0 to 5/560 within the jurisdiction of Rajgarh Forest Division, Distt. Sirmaur, H.P. is hereby issued in favour of HPPWD for uploading the same on Parivesh Portal.

Signed by

Rohit Sharda

Date: 28-05-2025 17:21:54
General Manager (Projects),
HPPTCL, Himfed Bhawan,
Panjari, Shimla-05.

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WA

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03-06-25

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04/06/25

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The geological report for C/o Link Road from Neri-Koti, Sanohat to Village Draina RD 0/0 to 5/560, within the Jurisdiction of Rajgarh Forest Division, District Sirmour, Himachal Pradesh.

1. In consequent to insufficiency of plain land, the road construction in hilly terrain requires site selection, stable alignment along hillslopes with respect to their dip and strike and stable lithology etc. The steep slopes are common type of structural arrangement that is found on hilly terrains which requires proper mapping for stable alignment of road construction.

The Executive Engineer, Rajgarh Division HPPWD, Rajgarh, Distt Sirmour HP is going to construct **Link Road from Neri-Koti, Sanohat to Village Draina RD 0/0 to 5/560, within the Jurisdiction of Rajgarh Forest Division, District Sirmour, HP** (Online Proposal No FP/HP/ROAD/156332/2022). This road needs Geological report for FCA clearance from Forest Division, Rajgarh. Accordingly, The Executive Engineer, Rajgarh Division HPPWD, Rajgarh, Distt Sirmour HP vide his letter no. PW/EE/RAJ-WA-FCA-NERI KOTI ROAD/2024-2025-6208 dated 28-10-2024 requested the Geologist Zone-III, Himachal Pradesh for the Geological investigation of site identified for the construction of link road from Neri Koti-Sanohat-Draina link road (KMS 0/00 to 5/560), Tehsil Rajgarh, Distt Sirmour HP.

Accordingly, The Geologist Zone-III, Himachal Pradesh vide letter No. Ind. Bhu(Geo-7) Eng.- Sirmour-5/2002-7258, dated 13-11-2024 assigned the undersigned to inspect the area proposed for the construction of road and to submit the required geological report.

In compliance to directions received from the office of Geologist (Zone-III), Geological Wing, Shimla bearing No. Ind. Bhu (Geo-7) Engg.-Sirmaur-5/2002-Vol-I-7258 dated 13-11-2024, an inspection of the site i.e. C/o Link Road from Neri-Koti, Sanohat to Village Draina RD 0/0 to 5/560, within the Jurisdiction of Rajgarh Forest Division, District Sirmour, Himachal Pradesh to carry geological investigation was undertaken on 29/01/2025 alongwith Assistant Engineer HPPWD, Habban, Rajgarh Division and other locals of the village.

At the outset of the visit, the Assistant Engineer Informed undersigned that a partial trace of the link road has been carved till village Sanohat and the remaining road of about 2.5 KM till village Draina is under pipeline for the want of necessary Forest Clearance. It was also informed that area to the tune of 2.4657 Hact. Forest land is required to be diverted for the construction of said road. The committee reached the Village Sunohat i.e. R.D. 03/00 KM by vehicle the thereafter took a traverse till village Draina to check the geological setting of the road alignment.

2. Location

- **Location:**

The project area is situated within the Rajgarh Forest Division, District Sirmour, HP. The road stretches from Neri-Koti, Sanohat to Village Draina, covering a range from RD 0/0 to RD 5/560.

- **Geographical Context:**

The road alignment passes through hilly terrain of the Himalyan range, characterized by rugged gentle to moderate slopes and varying altitudes, which may have implications for the engineering and construction of the road.

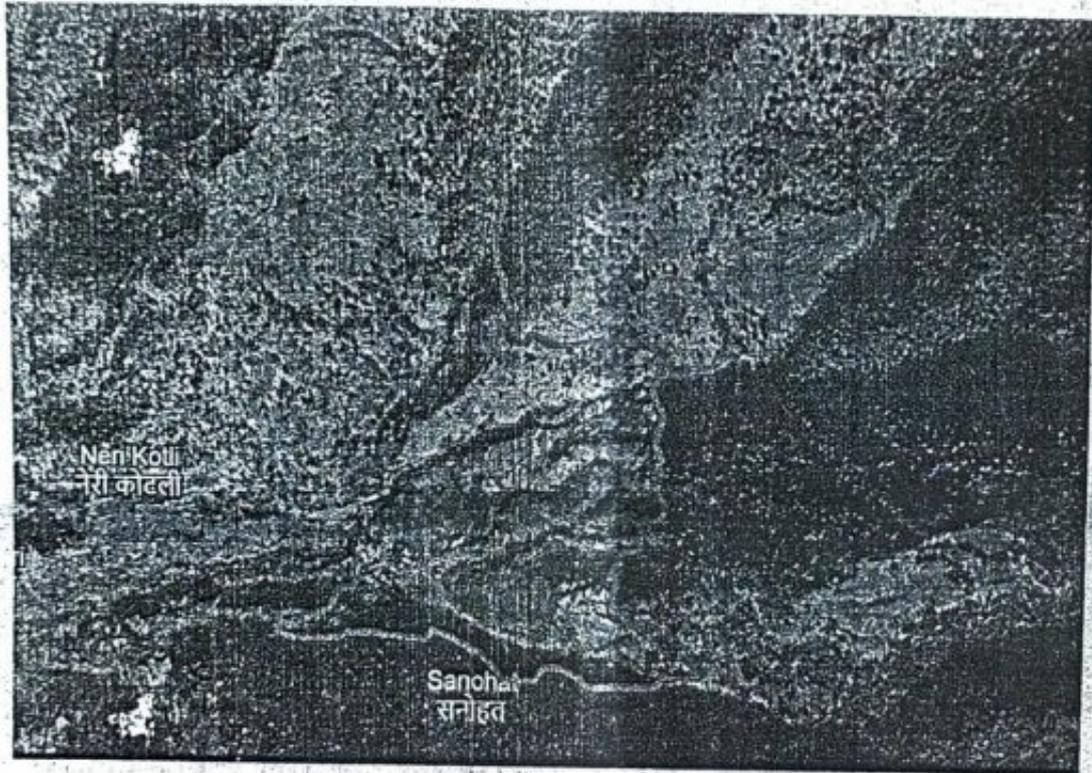


Image 1. Google earth Image of tentative road alignment of Neri Kotli-Sanohat-Draina Link Road.

3. Geological Setting

- **Rock Types and Stratigraphy:**

District Sirmour forms part of the Shiwalik and Lesser Himalaya ranges and it exhibits a rugged mountainous terrain with moderate relief. The rocks found in the area comprise sandstone, shale, limestone and schist deposited during the past 600 million years. Various litho-units ranging from Proterozoic to recent era are found to occur in Sirmour district. Among all, typical Mesozoic era formations cover most of the parts and Quaternary formations occupy the southern part of the district. Granite Gneisses of Jatogh Formation belonging to lower Proterozoic is located in the northern part of the district while Deoban Formation of upper

Proterozoic is confined to the eastern part in a limited extent. Jaunsar and Simla Group of lower Proterozoic to upper Proterozoic period cover middle portion of the district which encircles Tal, Krol and Infra-Krol formation of Triassic period respectively. Among which the Krol Formation of Triassic period is known for its limestone deposits. Subathu and Dharamshala Formation of Oligocene cover a major portion of the southern area.

The area in question is predominantly composed of Jaunsar and Simla Group of lower Proterozoic to upper Proterozoic period mainly phyllite interbedded with quartzite and clay and further.

- o Shivalik sediments (sandstone, siltstone, conglomerates) that have undergone weathering and erosion due to the region's steep terrain.
- o Alluvial deposits are common in valley regions, influencing the type of soil found along the road.
- o Fault zones and fractured rocks are prevalent, especially in the hilly sections, which may affect road stability.
- The geological setup of the site inspected is as under:

Formation	Age	Rock Type
Simla Group	Proterozoic	Phyllite, quartzite, claystone and shale

Along the road alignment of proposed road, the rocks are mostly exposed and fractured. There is very less overburden/soil cover along road alignment. The area is having soil cover varying from 0.2 mtrs. To 1.0 mtrs. At different stretches of the road.

The terrain of the site is largely sloping in the form of hillslope with fractured and thinly jointed Phyllite intermixed with weak decomposed quartzite mixed with clay alterations having a slope angle of gentle to moderate towards uphill. The site shows danger sliding at few locations, but largely it appears that the site is feasible for the development of road construction by using proper slope stability structures.

4. Observations

The road along hill slope imparts their load to the hill slope through moving vehicles and other vibration. It results in increase in the shear stress, which may cause impermanence of hill slopes. It is recognized that designs for the construction of road and foundations associated with variety of related disciplines such as geology, soil and rock dynamics, etc, which plays their important role. In order to carry out any activity in the hill, the hill slope needs to be stabilized. Following recommendations/ suggestions may be considered, which include

Excavation

The exposed rocks are mostly fractured and thinly jointed. It is therefore recommended that the road shall be constructed on half cut half fill method to avoid any major disturbance in the stability of the hill. It is also recommended that the rocks at the site are fractured and weak, so proper cutting of the rock is needed by providing wire meshing structures to give stability to the hill slope.

It is important to mention here that in the already carved road trace, no major disturbance in the local geology was observed. The road alignment is found mostly stable. Though, the retaining structures are required to maintain its long term stability.

Foundation:

As observed during the inspection that slope is gentle to moderate at the site, it is recommended that hill should be cut in benches by maintaining angle of repose of 45 degrees for slope stability.

Construction of Drainage Channel:

It was observed during inspection that proper drainage channel has not been maintained in the already excavated road alignment till village Sanohat. It is necessary to have proper drainage from consideration of structural safety and stability. The strata belonging to the said site are prone to weathering effect. It is recommended that proper lined drainage arrangements may be made. When there is ingress of rain, it will significantly accelerate this problem. It is therefore, recommended that proper drainage channel should be constructed from the uphill side in order to drain surface water away from the road alignment to further in the natural drain/nallah. Proper and effective method of constructing retaining wall both along downside and upside by making weep hole for draining of water should be made so that there is no ingress/absorption of water in the hill side.

Construction of Retaining Structure:

Site topography reveals that during heavy rains, there may be chances of sudden displacement of soft material which may cause slide or subsidence along the slopes facing valley. The downhill area should be supported with the retaining structure which is also capable to bear the load of the moving vehicles and other vibrations. It is suggested that a proper concrete retaining structure should be constructed from the road level in step manner, in order to protect the slope as well as to bear the structural load of the moving objects. Alternate weep holes should be provided in the structure to drain underground water, which may lead to create hydraulic pressure.

should be provided in the structure to drain underground water, which may lead to create hydraulic pressure.

5. Conclusion

The geological conditions along the proposed road alignment from Neri-Koti, Sanohat to Village Draina RD 0/0 to 5/560 are influenced by gentle to moderate slopes, fractured rock formations. While the region offers some challenges due to the tough terrain and its high potential for landslides. It is therefore advised that with proper engineering techniques such as slope stabilization, effective drainage design, and environmental mitigation measures, the construction of the road can proceed with minimal risk to both infrastructure and the surrounding environment.

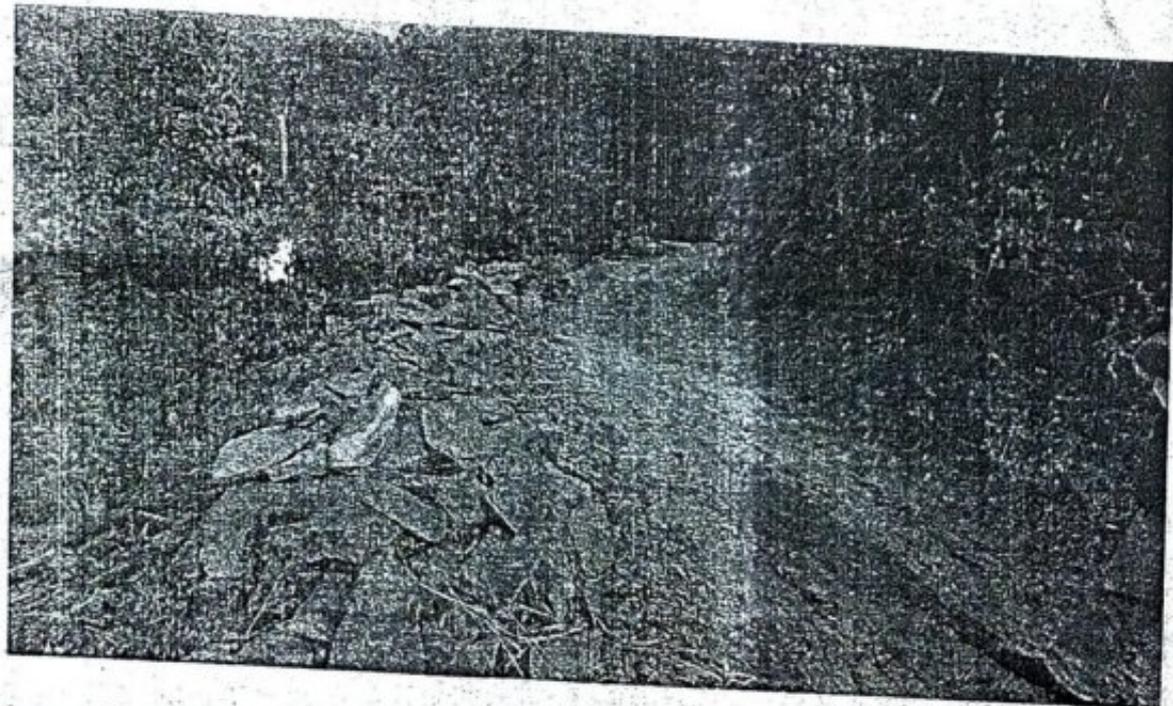


Image-2 The already carved trace of link road till Village Sanohat.

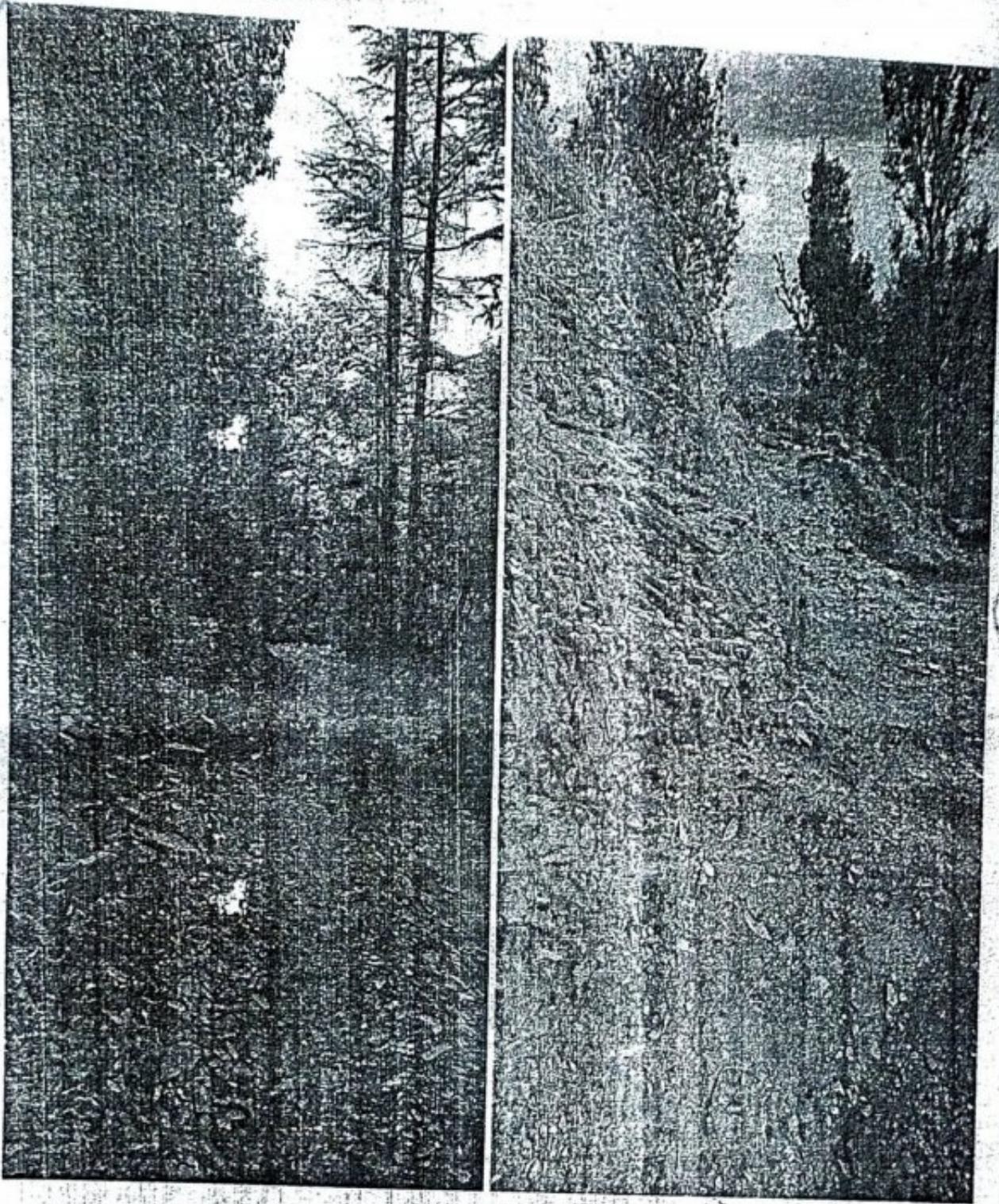


Image-3, 4 The Photograph of the area showing vegetation and geological setting along road alignment.


(Kulbhushan Sharma)

Asst. Geologist-Cum-Mining Officer
Distt Sirmour at Nahan