

JOINT INSPECTION REPORT

Joint Inspection of this site for diversion of 02-98-58 hectares of forest land for construction of **Tranh-Charolli Small Hydro Electric Project - 2 MW** was conducted on 28-06-2016. In the alignment total 04-39-79 hectares of land involved out of which 02-98-58 hectares is Forest Land and 01-41-21 hectares are Private Land. In the alignment total 14 Nos. trees only and less forest land hence the same has been finalized for the construction of the project. Since there are forests interspersed with private land between the two end point i.e between which the transmission line is to be erected, there is no scope of avoidance of forest land. However all effort has been made to minimize the use of forest land and diversion of 02-98-58 hectares of forest land is bare minimum and cannot be escaped.

Joint Inspection Committee therefore recommends that 02-98-58 hectares of forest land as detailed attached with Joint Inspection Report of the proposal folder may be diverted under Section 2 of Forest Conservation Act 1980.

Details of Government Land are given below:

S No.	Name of the Component	Mohal	Khasara No.	Area/Land Status of Forest Land	Classification of Land
1.	Intake / Diversion Weir	Banah	769/1	0-07-20	Gair Mumkin Khad
2.	Dumping Site	Banah	1693/1	0-05-70	Charagah Drakthan
3.	Water Conductor	Tranh	25/1	0-01-90	Charagah Drakthan
4.	DT/Feeder Channel	Tarnh	474/1	0-06-45	Charagah Drakthan
5.	Water Conductor	Tranh	488/1	0-01-87	Gair Mimkin Nala
6.	Water Conductor	Tranh	484/1	0-01-70	Charagah Billa Darkthan
7.	Water Conductor	Tranh	486/1	0-01-15	Charagah Billa Darkthan
8.	Water Conductor	Tranh	504/1	0-02-85	Charagah Drakthan
9.	Water Conductor	Tranh	505/1	0-05-80	Charagah Billa Darkthan
10.	Water Conductor	Tranh	573/1	0-09-05	Charagah Billa Darkthan
11.	Water Conductor	Tranh	582/1	0-00-35	Gair Mumkin Nala
12.	Water Conductor	Tranh	582/2	0-02-21	Gair Mumkin Nala
13.	Water Conductor	Tranh	591/1	0-11-00	Charagah Billa Darkthan
14.	Water Conductor	Tranh	591/1/1	0-04-40	Charagah Billa Darkthan
15.	Fore Bay / Spill Bay	Charolli	14/1	0-07-50	Charagah Billa Darkthan
16.	Penstock	Charolli	14/3	0-00-80	Charagah Billa Darkthan
17.	Penstock	Charolli	14/2	0-03-40	Charagah Billa Darkthan
18.	Penstock	Charolli	15/1	0-07-29	Charagah Billa Darkthan
19.	Penstock	Charolli	176/1	0-00-55	Charagah Billa Darkthan

20.	Penstock	Charolli	453/1	0-00-80	Charagah Billa Darkthan
21.	Penstock	Charolli	883/1	0-00-80	Charagah Billa Darkthan
22.	Penstock	Charolli	189/1	0-00-10	Gair Mumkin Nala
23.	Dumping Site	Charolli	14/3	0-31-32	Charagah Billa Darkthan
24.	Transmission	Charolli	249/1	0-01-87	Charagah Billa Darkthan
25.	Transmission	Charolli	272/1	0-00-20	Charagah Billa Darkthan
26.	Transmission	Charolli	808/3	0-06-30	Charagah Billa Darkthan
27.	Transmission	Charolli	794/2	0-01-98	Gair Mumkin Sadak
28.	Transmission	Charolli	791/3	0-04-06	Charagah Billa Darkthan
29.	Transmission	Charolli	421/1	0-00-66	Gair Mumkin Nala
30.	Transmission	Charolli	471/1	0-00-35	Chirand
31.	Transmission	Charolli	457/1	0-00-80	Gair Mumkin Ayu.Aushd.
32.	Transmission	Charolli	456/1	0-00-80	Gair Mumkin Sadak
33.	Transmission	Charolli	489/1	0-04-40	Chirand
34.	Transmission	Charolli	490/1	0-02-40	Chirand
35.	Transmission	Charolli	453/1	0-02-47	Charagah Billa Darkthan
36.	Transmission	Charolli	811/1	0-06-24	Chirand
37.	Transmission	Charolli	493/1	0-01-10	Gair Mumkin Sadak
38.	Transmission	Charolli	494/1	0-00-30	Chirand
39.	Transmission	Charolli	790/1	0-00-96	Gair Mumkin Nala
40.	Transmission	Charolli	791/1	0-00-90	Chirand
41.	Transmission	Charolli	794/1	0-01-05	Gair Mumkin Sadak
42.	Transmission	Charolli	808/1	0-05-04	Chirand
43.	Transmission	Charolli	793/1	0-08-58	Chirand
44.	Transmission	Charolli	766/1	0-00-24	Chirand
45.	Transmission	Charolli	767/1	0-00-04	Gair Mumkin Kulah
46.	Transmission	Charolli	765/1	0-00-04	Chirand
47.	Transmission	Charolli	764/1	0-01-68	Chirand
48.	Transmission	Charolli	834/1	0-06-70	Chirand
49.	Transmission	Charolli	877/1	0-05-36	Chirand
50.	Transmission	Charolli	945/1	0-08-58	Chirand
51.	Transmission	Charolli	879/1	0-01-43	Gair Mumkin Rasta
52.	Transmission	Charolli	888/1	0-07-12	Chirand
53.	Transmission	Charolli	935/1	0-03-08	Chirand
54.	Transmission	Charolli	938/1	0-22-81	Chirand
55.	Transmission	Hidah	1071/1	0-01-10	Charagah Billa Darkthan
56.	Transmission	Hidah	1076/1	0-01-32	Gair Mumkin Sadak
57.	Transmission	Hidah	1077/1	0-01-41	Charagah Billa Darkthan
58.	Transmission	Hidah	1075/1	0-00-30	Gair Mumkin Sadak
59.	Transmission	Hidah	1073/1	0-00-82	Charagah Billa Darkthan
60.	Transmission	Hidah	1067/1	0-03-40	Charagah Billa Darkthan
61.	Transmission/ Dumping	Hidah	1067	0-28-84	Charagah Billa Darkthan
62.	Transmission	Hidah	455/1	0-00-22	Gair Mumkin Nala
63.	Transmission	Hidah	481/1	0-00-15	Charagah Billa Darkthan
64.	Transmission	Hidah	477/1	0-00-45	Charagah Billa Darkthan
65.	Transmission	Hidah	469	0-00-50	Gair Mumkin Rasta

66	Transmission	Hidah	1081/1	0-00-45	Gair Mumkin Nalah
67	Transmission	Hidah	1078/1	0-00-48	Charagah Billa Darkthan
68	Transmission	Hidah	1159/1	0-00-50	Charagah Billa Darkthan
69	Transmission	Hidah	1155/1	0-00-36	Charagah Billa Darkthan
70	Transmission	Hidah	588/1	0-17-76	Charagah Billa Darkthan
71	Transmission	Dimmi	3/1	0-12-88	Charagah Billa Darkthan
72	Transmission	Dimmi	6/1	0-00-03	Charagah Billa Darkthan
73	Transmission	Dimmi	6/2	0-02-80	Charagah Billa Darkthan
74	Transmission	Dimmi	1/1	0-03-08	Gair Mumkin Sadak
			Total Land	02-98-58	
				Hectare	

Detail of Private Land as given below:

S No.	Name of the Component	Mohal	Khasara No.	Area/Land Status of Forest Land	Classification of Land
1.	Water Conductor / Desalting Chamber	Tranh	6	0-07-02	Bakhal Awal
2.	Water Conductor	Tranh	7/1	0-00-66	Bakhal Awal
3.	Water Conductor	Tranh	4/1	0-01-50	Bakhal Awal
4.	Water Conductor	Tranh	16/1	0-00-80	Ghasani
5.	Water Conductor	Tranh	543/1	0-01-99	Kulahu Awal
6.	Water Conductor	Tranh	576/1	0-00-60	Ghasani
7.	Penstock	Charolli	179/1	0-00-48	Bakhal Abal
8.	Penstock	Charolli	184/1	0-00-32	Kulahu Awal
9.	Penstock	Charolli	175/1	0-00-28	Kulahu Awal
10.	Penstock	Charolli	191/1	0-00-32	Kulahu Awal
11.	Penstock	Charolli	192/1	0-00-30	Kulahu Awal
12.	Penstock	Charolli	220/1	0-00-28	Kulahu Awal
13.	Penstock	Charolli	222/1	0-00-16	Kulahu Awal
14.	Penstock	Charolli	225/1	0-00-26	Kulahu Awal
15.	Penstock	Charolli	226/1	0-00-24	Kulahu Awal
16.	Penstock	Charolli	227/1	0-00-16	Kulahu Awal
17.	Penstock	Charolli	229/1	0-00-10	Kulahu Awal
18.	Penstock	Charolli	232/1	0-00-16	Kulahu Awal
19.	Penstock	Charolli	234/1	0-00-10	Kulahu Awal
20.	Power House	Charolli	236/1	0-00-24	Kulahu Awal
21.	Power House	Charolli	238	0-13-26	Kulahu Awal
22.	Transmission	Charolli	224/1	0-00-77	Kulahu Awal
23.	Transmission	Charolli	273/1	0-02-25	Ghasani
24.	Transmission	Charolli	274/1	0-00-65	Bakhal Awal
25.	Transmission	Charolli	807	0-08-70	Ghasani
26.	Transmission	Charolli	281/1	0-00-66	Banjar Kadeem

27.	Transmission	Charolli	282/1	0-00-50	Banjar Kadeem
28.	Transmission	Charolli	287/1	0-02-50	Banjar Kadeem
29.	Transmission	Charolli	283	0-03-36	Kulahu Awal
30.	Transmission	Charolli	280/1	0-00-22	Kulahu Awal
31.	Transmission	Charolli	286/1	0-01-00	Kulahu Awal
32.	Transmission	Charolli	285	0-00-98	Ghasani
33.	Transmission	Charolli	470/1	0-03-30	Bakhal Awal
34.	Transmission	Charolli	469/1	0-00-77	Bakhal Awal
35.	Transmission	Charolli	468/1	0-00-35	Bakhal Awal
36.	Transmission	Charolli	468/1/1	0-00-32	Bakhal Awal
37.	Transmission	Charolli	465/1	0-01-32	Bakhal Awal
38.	Transmission	Charolli	464/1	0-00-85	Bakhal Awal
39.	Transmission	Charolli	462/1	0-02-88	Bakhal Awal
40.	Transmission	Charolli	809/1	0-05-28	Ghasani
41.	Transmission	Charolli	495/1	0-00-30	Ghasani
42.	Transmission	Hiddah	1074	0-06-02	Bakhal Awal
43.	Transmission	Hiddah	1066/1	0-01-26	Boakhal Awal
44.	Transmission	Hiddah	1051/1	0-00-87	Boakhal Awal
45.	Transmission	Hiddah	1064/1	0-01-55	Boakhal Awal
46.	Transmission	Hiddah	1176/1	0-00-66	Boakhal Awal
47.	Transmission	Hiddah	1179/1	0-01-80	Boakhal Awal
48.	Transmission	Hiddah	1180/1	0-01-76	Boakhal Awal
49.	Transmission	Hiddah	1181/1	0-00-42	Boakhal Awal
50.	Transmission	Hiddah	410/1	0-01-12	Boakhal Awal
51.	Transmission	Hiddah	394/1	0-03-64	Boakhal Awal
52.	Transmission	Hiddah	408/1	0-00-88	Gair Mumkin Abadi
53.	Transmission	Hiddah	498	0-01-99	Boakhal Awal
54.	Transmission	Hiddah	499	0-00-18	Banjar Kadim
55.	Transmission	Hiddah	400	0-00-18	Banjar Kadim
56.	Transmission	Hiddah	401	0-00-27	Banjar Kadim
57.	Transmission	Hiddah	402	0-00-44	Gair Mumkin Makan
58.	Transmission	Hiddah	397/1	0-02-28	Boakhal Awal
59.	Transmission	Hiddah	394/1	0-00-30	Boakhal Awal
60.	Transmission	Hiddah	340/1	0-00-28	Banjar Kadim
61.	Transmission	Hiddah	365/1	0-01-03	Ghasani
62.	Transmission	Hiddah	339/1	0-00-38	Boakhal Awal
63.	Transmission	Hiddah	368/1	0-10-80	Ghasani
64.	Transmission	Hiddah	366/1	0-04-82	Banjar Kadim
65.	Transmission	Hiddah	404/1	0-01-82	Boakhal Awal
66.	Transmission	Hiddah	420/1	0-01-08	Boakhal Awal
67.	Transmission	Hiddah	480/1	0-00-90	Boakhal Awal
68.	Transmission	Hiddah	478/1	0-06-40	Boakhal Awal
69.	Transmission	Hiddah	466/1	0-01-12	Bagicha Boakhal Awal
70.	Transmission	Hiddah	470/1	0-01-60	Boakhal Awal
71.	Transmission	Hiddah	468/1	0-00-81	Banjar Kadeem
72.	Transmission	Hiddah	350/1	0-02-64	Boakhal Awal

73.	Transmission	Hiddah	349/1	0-00-93	Banjar Kadeem
74.	Transmission	Hiddah	348/1	0-00-54	Boakhal Awal
75.	Transmission	Hiddah	346/1	0-01-63	Boakhal Awal
76.	Transmission	Hiddah	347/1	0-00-82	Ghasani
77.	Transmission	Dimmi	4/1	0-01-95	Ghasani
78.	Transmission	Dimmi	5/1	0-02-00	Boakhal Awal
79.	Transmission	Dimmi	10/1	0-04-16	Bakhal Awal
80.	Transmission	Dimmi	11/1	0-03-30	Bakhal Awal
81.	Transmission	Dimmi	13/1	0-00-39	Ghasani
			Total Land	01-41-21	
				Hectare	

The joint inspection team has examined all the alternatives with a view to avoid / minimize the use of Forest Land and Private Land, we have come to the conclusion that the above Khasara Nos. of Land are the minimum requirement of the proposed project and so is absolutely essential.

Tehsildar
Kupul/Chopal
Distt Shimla, (H.P.)

Sub Divisional Officer
Chopal at Chopal
Distt Shimla, (H.P.)

Divisional Forest Officer
Chopal at Chopal
Distt Shimla, (H.P.)

Hydro More Power Pvt. Ltd.

Authorised Signatory