

LAND REQUIREMENT FOR BRAGUNA H.E.P. - 1.5 MW, DISTRICT CHAMBA (H.P.)

Sr. No.	Description	Legend Colour
1	For Diversion Channel	
2	For Diversion Structure	
3	For Feeder Channel	
4	For Desilting Tank	
5	For Silt Flushing Pipe	
6	For Power Channel in Open	
7	For Power Tunnel	
8	For Forebay Tank in open	
9	For Penstock & Spillway Pipe	
10	For Power House & Switchyard	
12	For Tail Race Channel	
12	For Approach Road	
14	Dumping Site 1	
15	Dumping Site 2	
16	Dumping Site 3	
17	Dumping Site 4	

LAND REQUIREMENT CHART									
BRAGUNA S.H.P. - 1.5 MW, DISTT. CHAMBA, H.P.									
S.No.	COMPONENTS	U/GROUND OR OPEN	METERS			AREA (Ha.)	AREA FALLING IN FOREST	AREA FALLING IN PVT.	
			LENGTH	WIDTH	AREA				
1	TRENCH WEIR	OPEN	22.80	15.00	342.00	0.0342	0.0342	0	
2	FEEDER CHANNEL	OPEN	46.00	5.00	230.00	0.0230	0.0230	0	
3	DESILTING TANK	OPEN	19.40	10.00	194.00	0.0194	0.0194	0	
4	DIVERSION CHANNEL	OPEN	16.00	3.00	48.00	0.0048	0.0048	0	
5	FLUSHING PIPE	OPEN	32.00	1.00	32.00	0.0032	0.0032	0	
6	POWER CHANNEL (OPEN)	OPEN	20.00	2.80	56.00	0.0056	0.0056	0	
7	POWER CHANNEL (UNDERGROUND)	U/GROUND	132.90	2.80	372.12	0.0372	0.0372	0	
8	POWER CHANNEL (UNDERGROUND)	U/GROUND	456.80	2.80	1279.04	0.1279	0.1279	0	
9	FOREBAY TANK	OPEN	10.00	8.50	85.00	0.0085	0.0085	0	
10	PENSTOCK & SPILLWAY	OPEN	157.90	2.80	442.12	0.0442	0.0442	0	
11	POWER HOUSE & S/YARD	OPEN	30.00	25.50	765.00	0.0765	0.0765	0	
12	TAIL RACE CHANNEL	OPEN	17.00	2.00	34.00	0.0034	0.0034	0	
13	Dumping Site - 1	OPEN	34.00	10.00	340.00	0.0340	0.0340	0	
14	Dumping Site - 2	OPEN	28.30	10.00	283.00	0.0283	0.0283	0	
15	Dumping Site - 3	OPEN	30.40	10.00	304.00	0.0304	0.0304	0	
16	Dumping Site - 4	OPEN	22.65	20.00	453.00	0.0453	0.0453	0	
17	APPROACH ROAD TO POWER HOUSE	OPEN	58.20	5.00	291.00	0.0291	0.0291	0	
18	TRANSMISSION LINE	U/GROUND	491.50	1.42	697.93	0.0698	0.0698	0	
19	TRANSMISSION LINE	U/GROUND	345.80	1.42	491.04	0.0491	0.0491	0	
20	TRANSMISSION LINE	U/GROUND	433.10	1.42	615.00	0.0615	0.0615	0	
21	TRANSMISSION LINE	U/GROUND	306.30	1.42	434.95	0.0435	0.0435	0	
22	TRANSMISSION LINE	U/GROUND	156.30	1.42	221.95	0.0222	0.0222	0	
23	TRANSMISSION LINE	U/GROUND	221.80	1.42	314.96	0.0315	0.0315	0	
24	TRANSMISSION LINE	U/GROUND	262.00	1.42	372.04	0.0372	0.0372	0	
25	TRANSMISSION LINE	U/GROUND	68.31	1.42	97.00	0.0097	0.0097	0	
26	TRANSMISSION LINE	U/GROUND	5.63	1.42	8.00	0.0008	0.0008	0	
27	TRANSMISSION LINE	U/GROUND	493.00	1.42	700.06	0.0700	0.0700	0	
28	TRANSMISSION LINE	U/GROUND	156.30	1.42	221.95	0.0222	0.0222	0	
29	TRANSMISSION LINE	U/GROUND	90.85	1.42	129.01	0.0129	0.0129	0	
TOTAL AREA						0.9854	0.9854	Ha.	

Divisional Forest Officer
Chamba Forest Division
Distt. Chamba (H.P.)

M/s Omata Hydro Pvt. Ltd.

PROJECT :
BRAGUNA H.E.P. - (2 x 750 KW)
VILL. PRIENNA, TEHSIL & DISTRICT CHAMBA, (H.P.)

DEVELOPER :
M/S BANNI HYDRO PROJECTS (SOLE PROP.)
VILL. KHALNA, PO KUNIR, DISTRICT CHAMBA, (H.P.)

CONSULTANT :
SUPER HYDRO GENERATION CONSULTANCY SERVICES PVT. LTD.
Website : www.hydroconsultant.in Mail : superhydro@gmail.com Tele : 01865082767

LEGEND		
BOULDERS		W.C.S
FOOT PATH		BENCH MARKS
FOOT BRIDGE		LEVELS
AGRICULTURE & PVT LAND		MAIN ROAD
IPH PIPE LINE		NALLAH
DRAIN		HOUSES
		DUMPING SITES

GENERAL LAYOUT PLAN
DWG. NO. : BRGNA/DP/CLP
JUNE 2022
SCALE : 1:1000
C.I. : 5 m