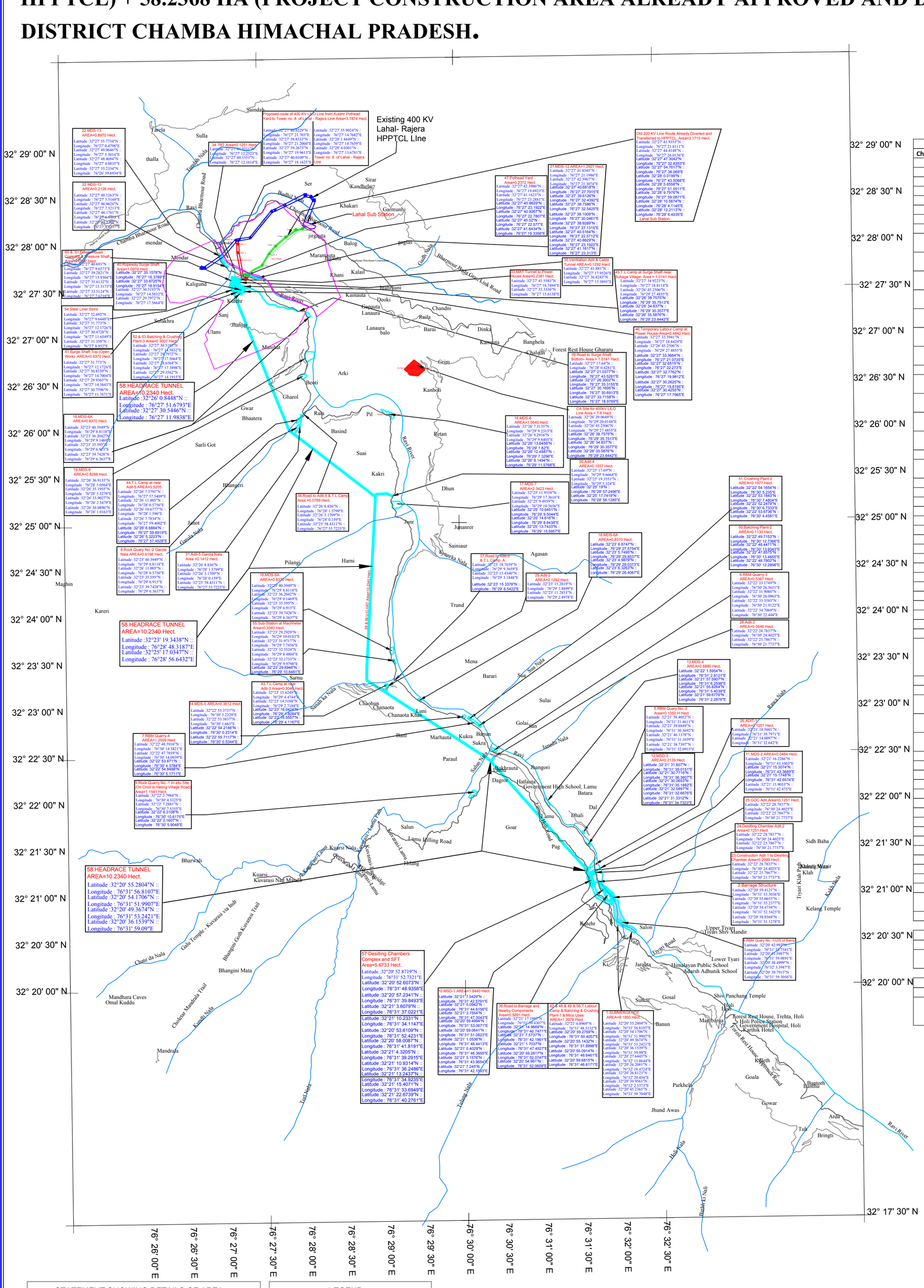
Geo-Referance Map of **Kutehr Hydro Electic Project(240MW)**

M/S JSW Energy (Kutehr)Limited

STATEMENT SHOWING DETAILS OF ALL THE PROJECT COMPONENT AREAS : 3.7904 HA (PROPOSED 400 KV TRANSMISSION LINE FROM KUTEHR POT HEAD YARD TO TOWER NO. 8 OF LAHAL - RAJERA LINE) + 3.1715 HA (OLD 220 KV TRANSMISSION LINE ALREADY DIVERTED AND TRANSFERRED TO HPPTCL) + 58.2368 HA (PROJECT CONSTRUCTION AREA ALREADY APPROVED AND DIVERTED) IN DISTRICT CHAMBA HIMACHAL PRADESH.



Land Details		
Check List No.	**Description**	**Area (in Hec.)**
1	Submergence	9.185
2	Barrage Structure	0.9645
3	Intake Structure & Feeder Tunnel	0.1776
4	RBM Quarry No. - 1 (U/S of Barrage)	
5	RBM Quarry No. - 2 (R/B of Ravi near Dalli)	0.105
6	RBM Quarry No. - 3 (Near Choli Bridge U/S)	0.5367
7	RBM Quarry No. - 4 (D/S of Choli Bridge)	1.2509
8	Rock Quarry No. - 2 Garola Nala (in- Situ)	0.6198
9	Rock Qaurry No. - 1 In-situ site (On Choli to Heling Road)	1.1541
10	Muck Dumping Area No. - 1 (D/S of Barrage Axis at Kuther)	1.844
11	Muck Dumping Area No. - 2 (U/S of Dalli village at SFT outlet)	0.0484
12	Muck Dumping Area No. - 3 (U/S of Dalli village at SFT outlet)	0.2139
13	Muck Dumping Area No. - 4 (D/S of Dalli village)	0.688
14	Muck Dumping Area No. - 5 (D/S of Choli Bridge)	0.3612
15	Muck Dumping Area No. - 6 (U/S of village Machhater)	0.234
16	Muck Dumping Area No. - 6 A	0.837
17	Muck Dumping Area No. - 7 (D/S of village Jura near Adit-4)	2.3423
18	Muck Dumping Area No. - 8 (Between Pilli Substation & NHPC camp)	1.564
19	Muck Dumping Area No. - 9 (Near Garola Forest Rest House)	0.8288
20	Muck Dumping Area No. - 10 (D/S of Ulansa Road Diversion)	3.5645
21	Muck Dumping Area No. - 12 (Near MAT)	1.2927
22	Muck Dumping Area No. - 13 (D/S of TRT area)	1.1096
23	Desilting Chamber Adit - 1	0.2099
24	Desilting Chamber Adit - 2	0.1251
25	GOC Adit	0.1251
26	Adit - 1	0.1251
27	SFT Potal	0.0202
28	Adit-2 Lamu	0.0646
29	Adit - 3 (Machhater Nala)	0.1292
30	Adit - 4 (D/S of Jura Village)	0.1937
31	Adit - 5 Garola Nala	0.1412
32	Surge Shaft bottom Adit - 6	0.2457
33	MAT	0.2381
34	TRT	0.1251
35	Ventilation Adit	0.1251
36	Road to Barrage and Nearby Components	0.5891
37	Road to Adit - 3 & Labour Camp	0.2058
38	Road to Adit -5 and Labour Camp	0.0789
39	Road to Surge Shaft Bottom	1.0141
40	1. Plateforms for Rope way Surge Shaft bottom platform 2. Surge Shaft Top plateform 3. Span for Rope way	1.0979
41	Surge Shaft Top (Open Work)	0.2265
42	Temporary Labour Camp at Barrage Site	0.1977
43	Temporary Labour Camp near Adit - 3 Machhater Nala	0.3046
44	Temporary Labour Camp near Adit - 5 (Garola Adit)	0.5205
45	Temporary Labour Camp at surge Shaft near Suhaga village	0.0702
46	Temporary Labour Camp at Power House	0.4842
47	Pothead Yard	0.2372
48	Bartching Plant - 1	0.113
49	Crushing plant - 1	0.1977
50	Batching Plant - 2	0.113
51	Crushing plant-2	0.1977
52	Batching Plant - 3	0.113
53	Crushing Plant - 3	0.1977
54	Steel Liner Store	0.3225
55	Substation at Machhater	0.334
56	Misc. Uses	0.8894
57	Desilting Chamber Complex & SFT	5.6733
58	HRT	6.703
59	HRT	3.531
60	Power House Complex & Pressure Shaft	3.3697
61	Power House Complex & Pressure Shaft (Below Private Land)	0.665
	Total	**58.2368**

Old 220 kV Transmission Line		
Sr .No	**Description**	**Area (Hec.)**
1	Old 220 kV Line already diverted and transferred to HPPTCL	3.1715

Proposed 400 kV Transmission Line		
Sr .No	**Description**	**Area (Hec.)**
1	Proposed route of 400 kV LILO Line from Pothead Yard to Tower No. 8 of Lahal-Rajera Line	3.7904

STATEMENT SHOWING DETAILS OF AREA	
	VILLAGE BOUNDARY
	LAND DETAIL AREA=58.2368 HECTARE- ALL PROJECT COMPONENT
	Old 220 kV Line Already Diverted and Transferred to HPPTCL
	Proposed route of 400 KV LILO Line from Kutehr Pothead Yard to Tower no. 8 of Lahal - Rajera Line HPPTCL
	Existing 400 kV Lahal - Rajera HPPTCL Line
	CA Site for 400kV LILO Line Area = 7.6 Hac.

LEGEND	
Colors	Description
	Forest Land
	Grass,Srcub Waste Land
	Private Land
	Footpath /Road
	Ravi River & Nallah
	Bridge
	House,Hut & Mill

2cm to 1km

0 1Km 2Km

SOI TOPOSHEET SCALE 1:50,000
SHEET NO.52 D/07 & D/11 (I43W7 & W11)

JSW ENERGY (KUTEHR) LTD.

Range Forest Officer
Trehta Forest Range

Range Forest Officer
Swai (Garola)

Range Forest Officer
Bharmour Forest Range
Bharmour

Divisional Forest Officer
Bharmour Forest Division
Bharmour