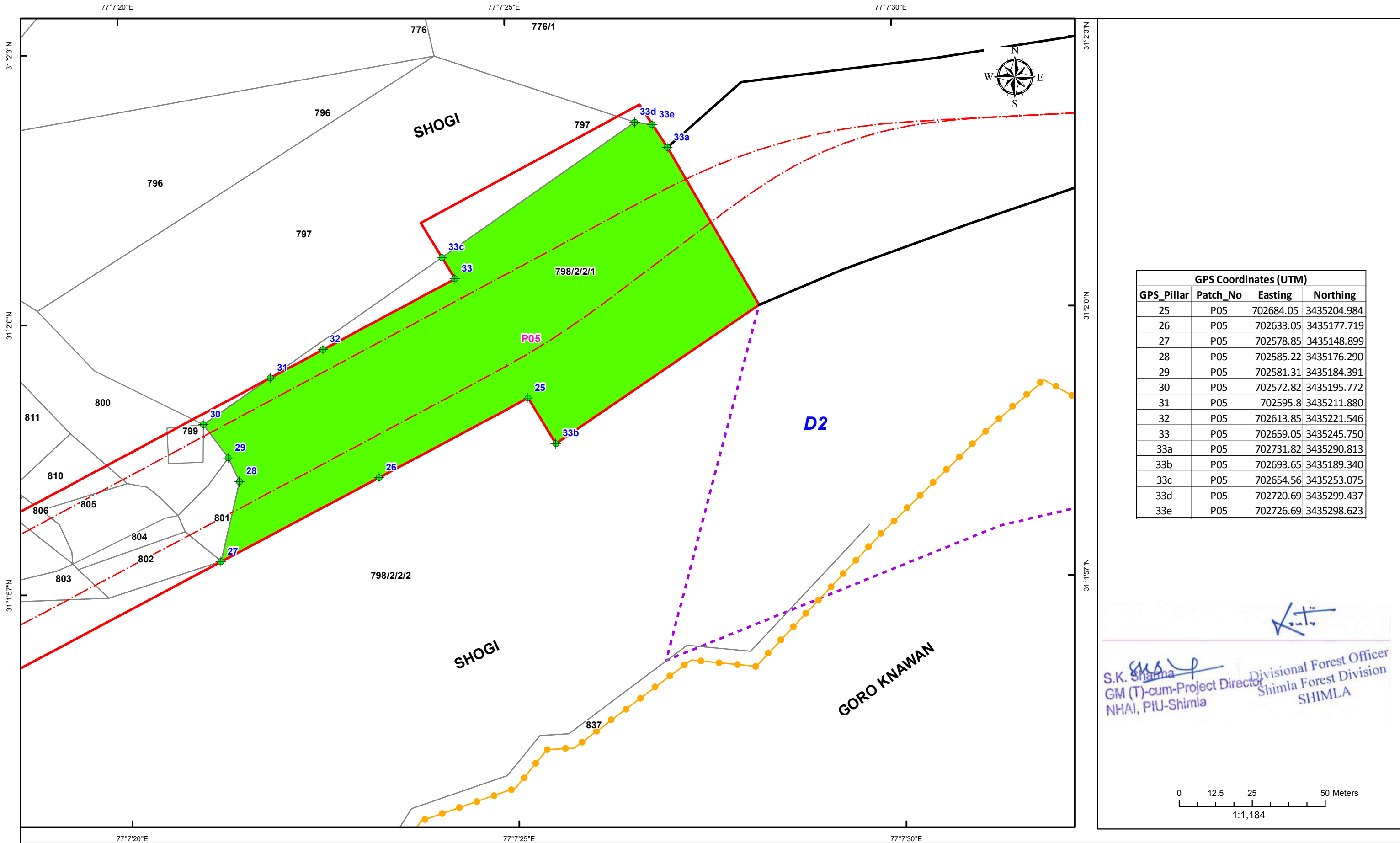
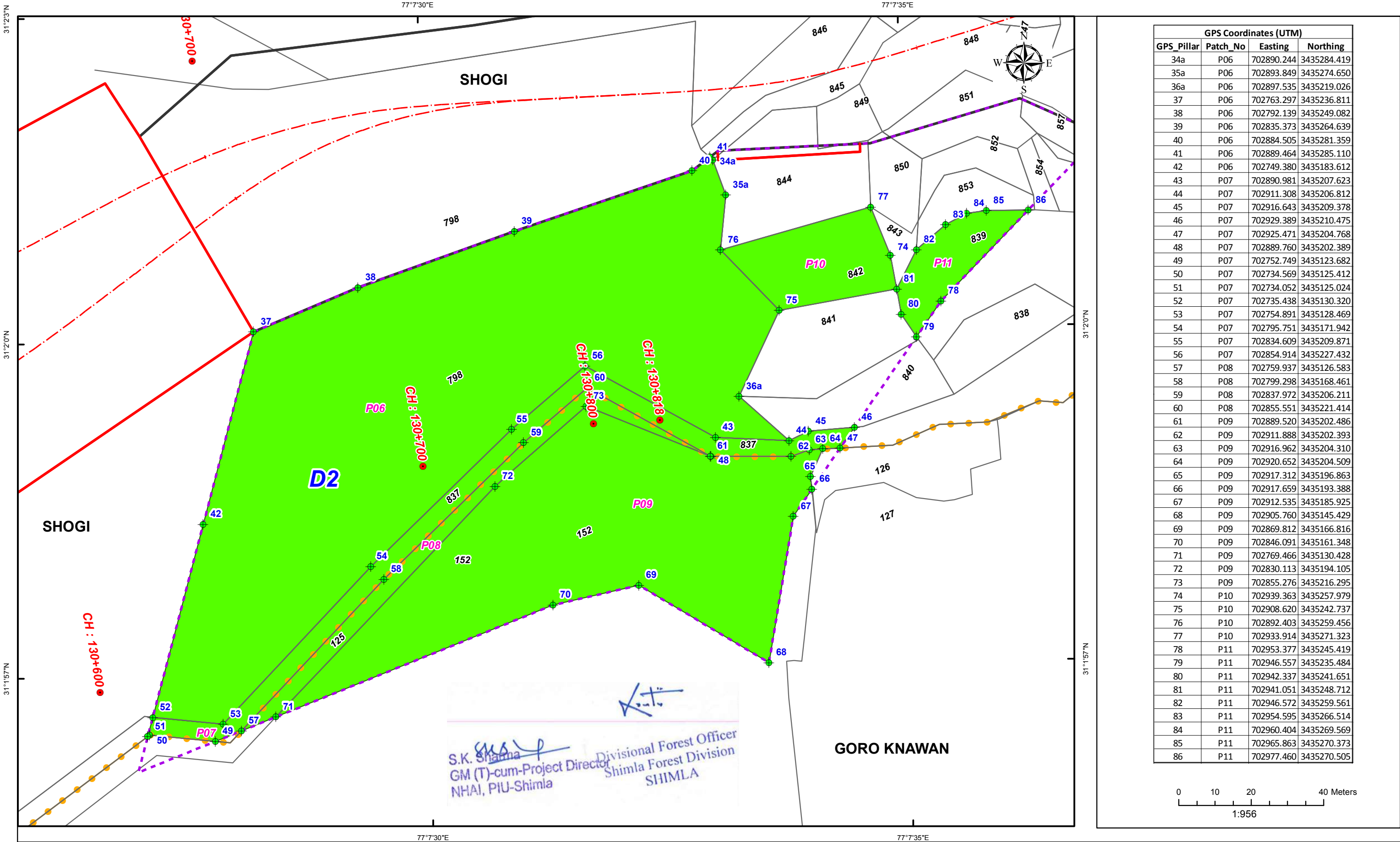




Legend

GPS Pillar PROW Acquired ROW Proposed Centreline Muck Site Khasra boundary Village boundary Forest area



Legend

GPS Pillar

PROW

Acquired ROW

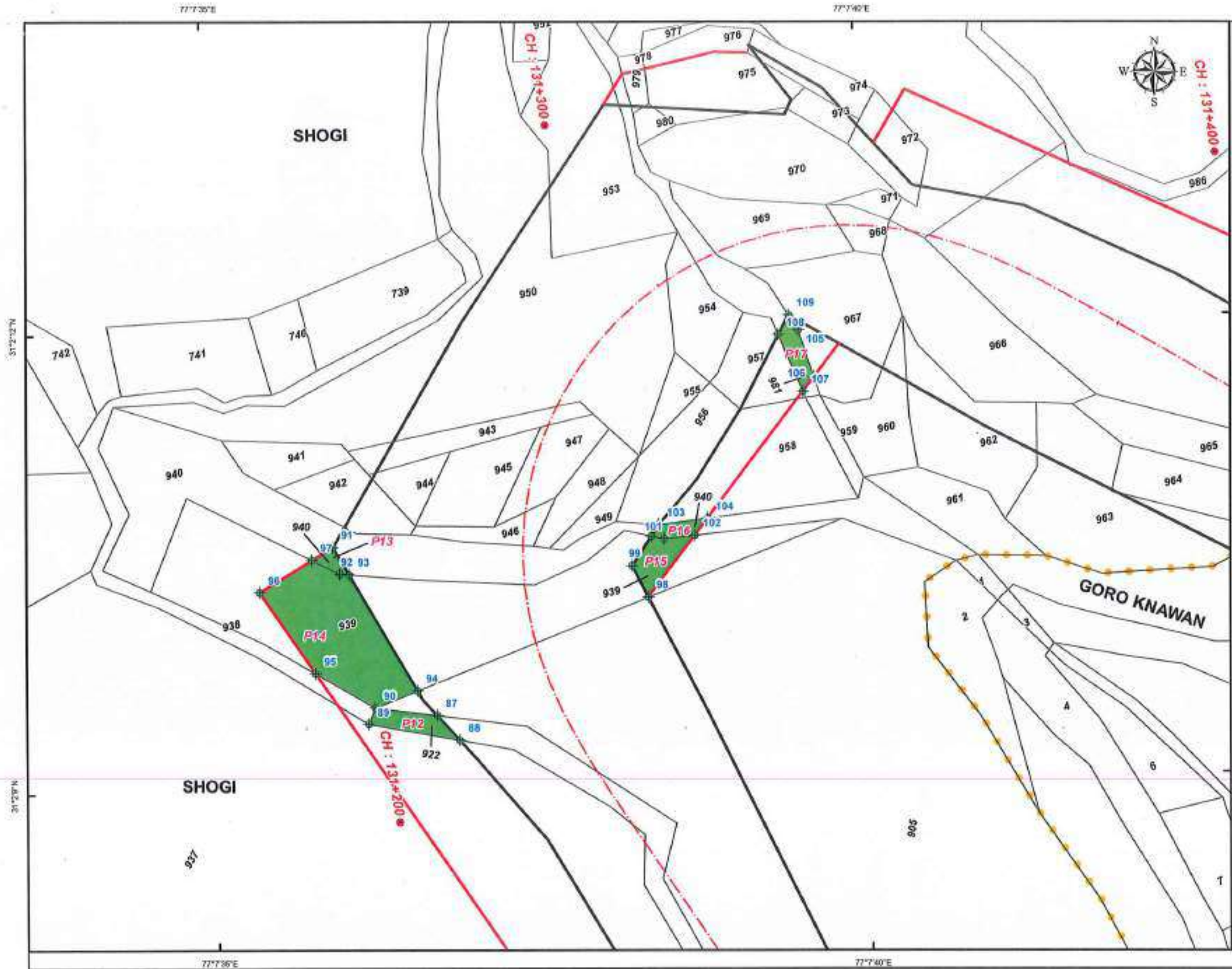
Proposed Centreline

Muck Site

Khasra boundary

Village boundary

Forest area



GPS Coordinates (UTM)			
GPS_Pillar	Patch_No	Easting	Northing
87	P12	702982.735	3435530.409
88	P12	702987.333	3435525.436
89	P12	702968.873	3435528.670
90	P12	702970.140	3435531.909
91	P13	702961.665	3435564.299
92	P14	702963.069	3435558.902
93	P14	702964.937	3435558.762
94	P14	702978.759	3435535.373
95	P14	702958.151	3435538.833
96	P14	702946.855	3435555.140
97	P14	702957.441	3435561.686
98	P15	703025.656	3435554.225
99	P15	703022.336	3435560.551
100	P15	703026.281	3435566.501
101	P15	703028.837	3435565.962
102	P15	703035.136	3435566.678
103	P16	703027.811	3435568.809
104	P16	703037.759	3435570.124
105	P17	703056.251	3435608.006
106	P17	703059.404	3435598.557
107	P17	703057.187	3435595.645
108	P17	703052.202	3435607.118
109	P17	703054.257	3435611.093


 S.K. Sharma
 GM (T)-cum-Project Director
 NHAI, PIU-Shimla


 Divisional Forest Officer
 Shimla Forest Division
 SHIMLA

0 5 10 20 Meters
 1:800

Legend

◆ GPS Pillar — PROW — Acquired ROW - - - Proposed Centreline - - - Muck Site — Khasra boundary - - - Village boundary ■ Forest area



Intercontinental Consultants
and Technocrats Pvt. Ltd.

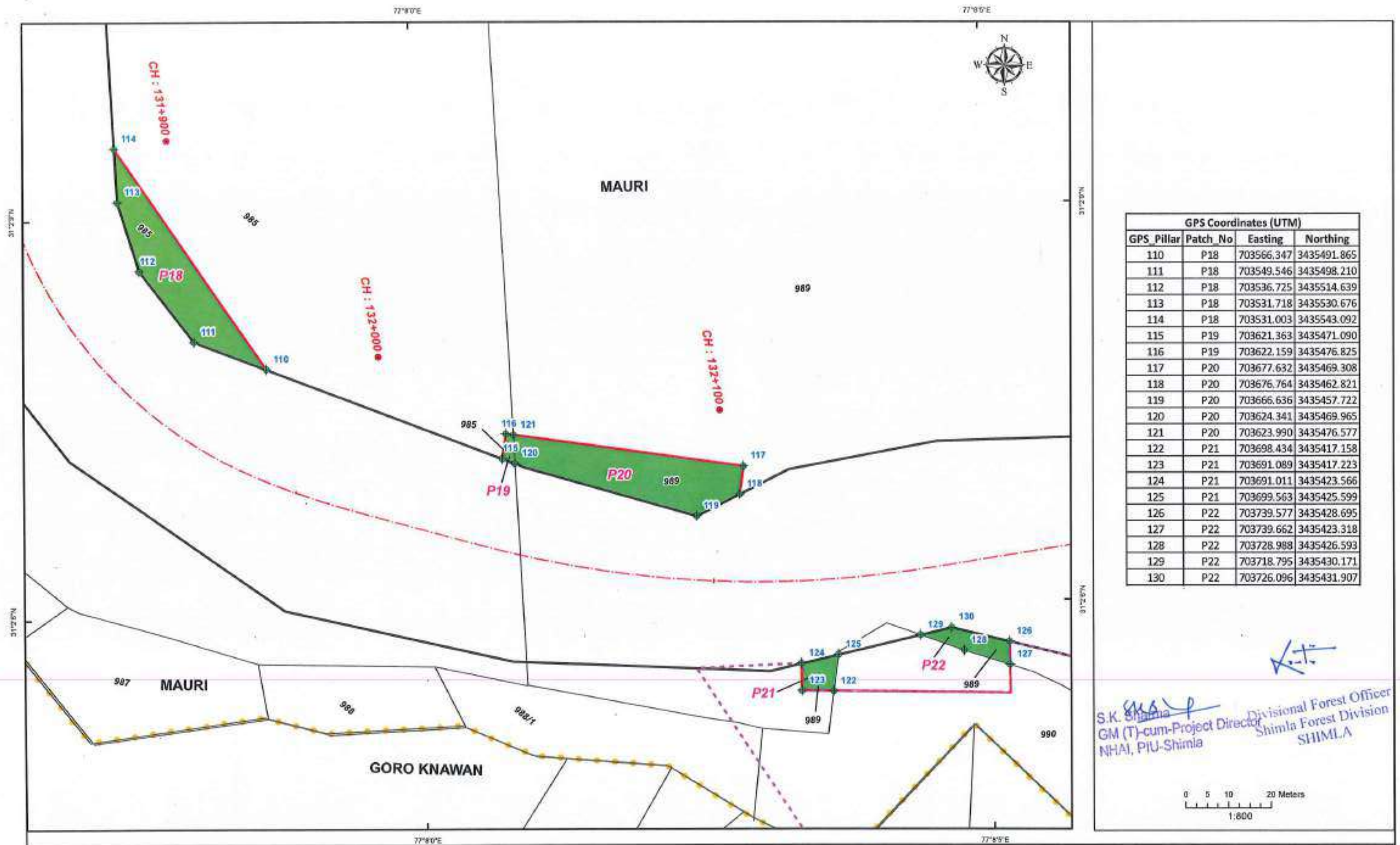


NATIONAL HIGHWAY AUTHORITY OF INDIA

Project:

Additional Forest land requirement of 11.7944 ha. for four laning of proposed Shimla Bypass from Kaithlighat to Shakral Section (Package-I) of NH-22 (Chainage from Km. 128.835 to Km. 146.300) in already approved FCA case of the entire section from Kaithlighat to Dhalli (Chainage from Km. 128.835 to Km. 156.560) of NH-22 for 40.3 Ha in the State of Himachal Pradesh.

DGPS Mapping
 Tehsil: Shimla Rural, District: Shimla
 SHEET: 03



Legend

◆ GPS Pillar — PROW — Acquired ROW - - - Proposed Centreline - - - Muck Site — Khasra boundary ● Village boundary ■ Forest area



Intercontinental Consultants
and Technocrats Pvt. Ltd.

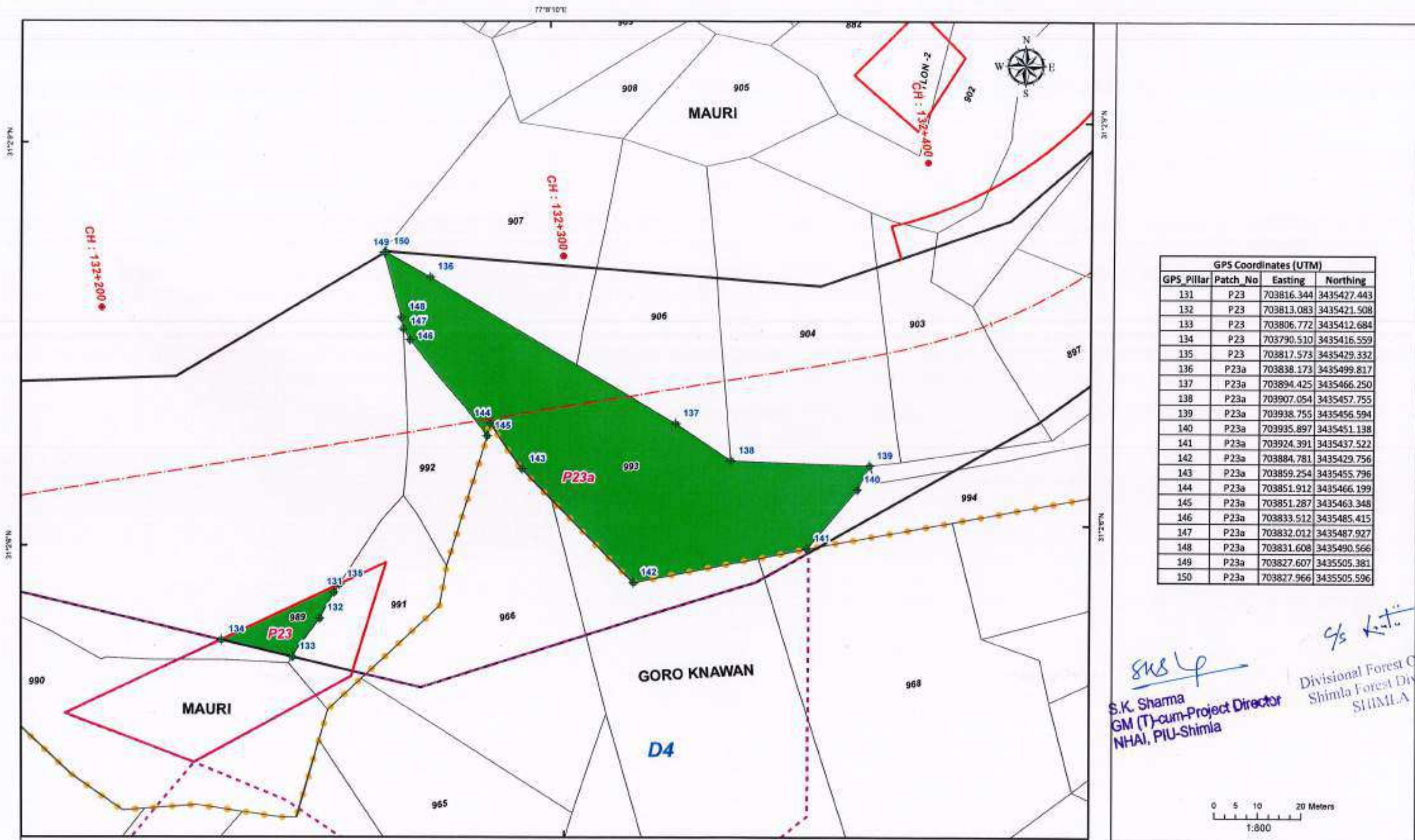


NATIONAL HIGHWAY AUTHORITY OF INDIA

Project:

Additional Forest land requirement of 11.7944 ha. for four laning of proposed Shimla Bypass from Kaithlighat to Shakral Section (Package-I) of NH-22 (Chainage from Km. 128.835 to Km. 146.300) in already approved FCA case of the entire section from Kaithlighat to Dhalli (Chainage from Km. 128.835 to Km. 156.660) of NH-22 for 40.3 Ha in the State of Himachal Pradesh.

DGPS Mapping
Tehsil: Shimla Rural, District: Shimla
SHEET: 04



Legend

+ GPS Pillar — PROW — Acquired ROW - - - Proposed Centreline - - - Muck Site — Khasra boundary - - - Village boundary ■ Forest area



Intercontinental Consultants
and Technocrats Pvt. Ltd.

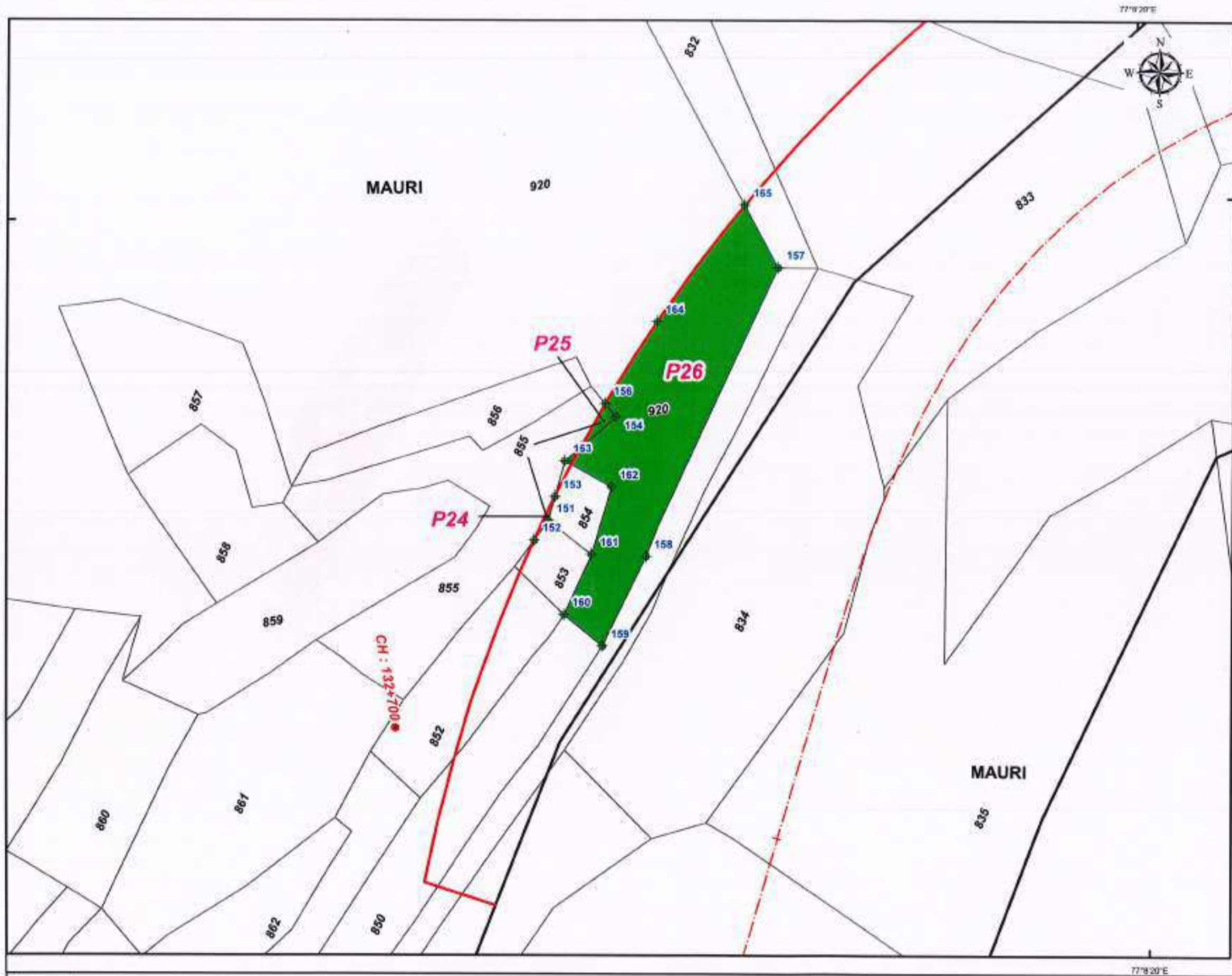


NATIONAL HIGHWAY AUTHORITY OF INDIA

Project:

Additional Forest land requirement of 11.7944 ha. for four laning of proposed Shimla Bypass from Kaithlighat to Shakral Section (Package-I) of NH-22 (Chainage from Km. 128.835 to Km. 146.300) in already approved FCA case of the entire section from Kaithlighat to Dhalli (Chainage from Km. 128.835 to Km. 156.560) of NH-22 for 40.3 Ha in the State of Himachal Pradesh.

DGPS Mapping
Tehsil: Shimla Rural, District: Shimla
SHEET: 05



GPS Coordinates (UTM)			
GPS_Pillar	Patch_No	Easting	Northing
151	P24	704066.841	3435782.992
152	P24	704065.452	3435781.034
153	P24	704067.499	3435785.406
154	P25	704073.572	3435793.432
155	P25	704070.057	3435790.367
156	P25	704072.498	3435794.731
157	P26	704089.607	3435808.394
158	P26	704076.616	3435779.432
159	P26	704072.283	3435770.449
160	P26	704068.426	3435773.584
161	P26	704071.178	3435779.608
162	P26	704073.161	3435786.369
163	P26	704068.476	3435788.989
164	P26	704077.628	3435802.946
165	P26	704086.264	3435814.623

S.K. Sharma

 GM (T)-cum-Project Director

 NHAI, PIU-Shimla

Divisional Forest Officer

 Shimla Forest Division

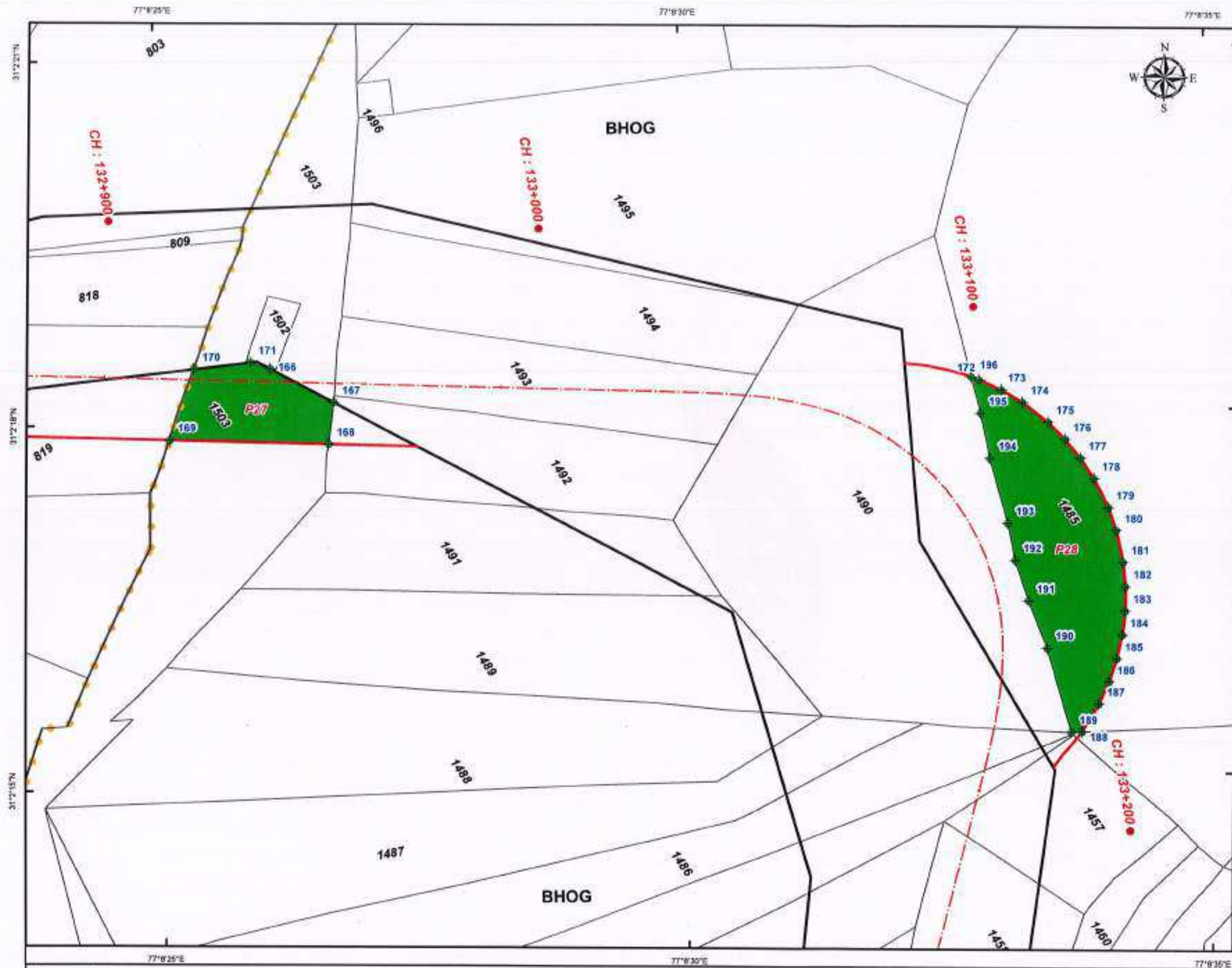
 SHIMLA

0 4.25 8.5 17 Meters

 1:400

Legend

 + GPS Pillar — PROW — Acquired ROW - - - - - Proposed Centreline - - - - - Muck Site — Khasra boundary — Village boundary ■ Forest area



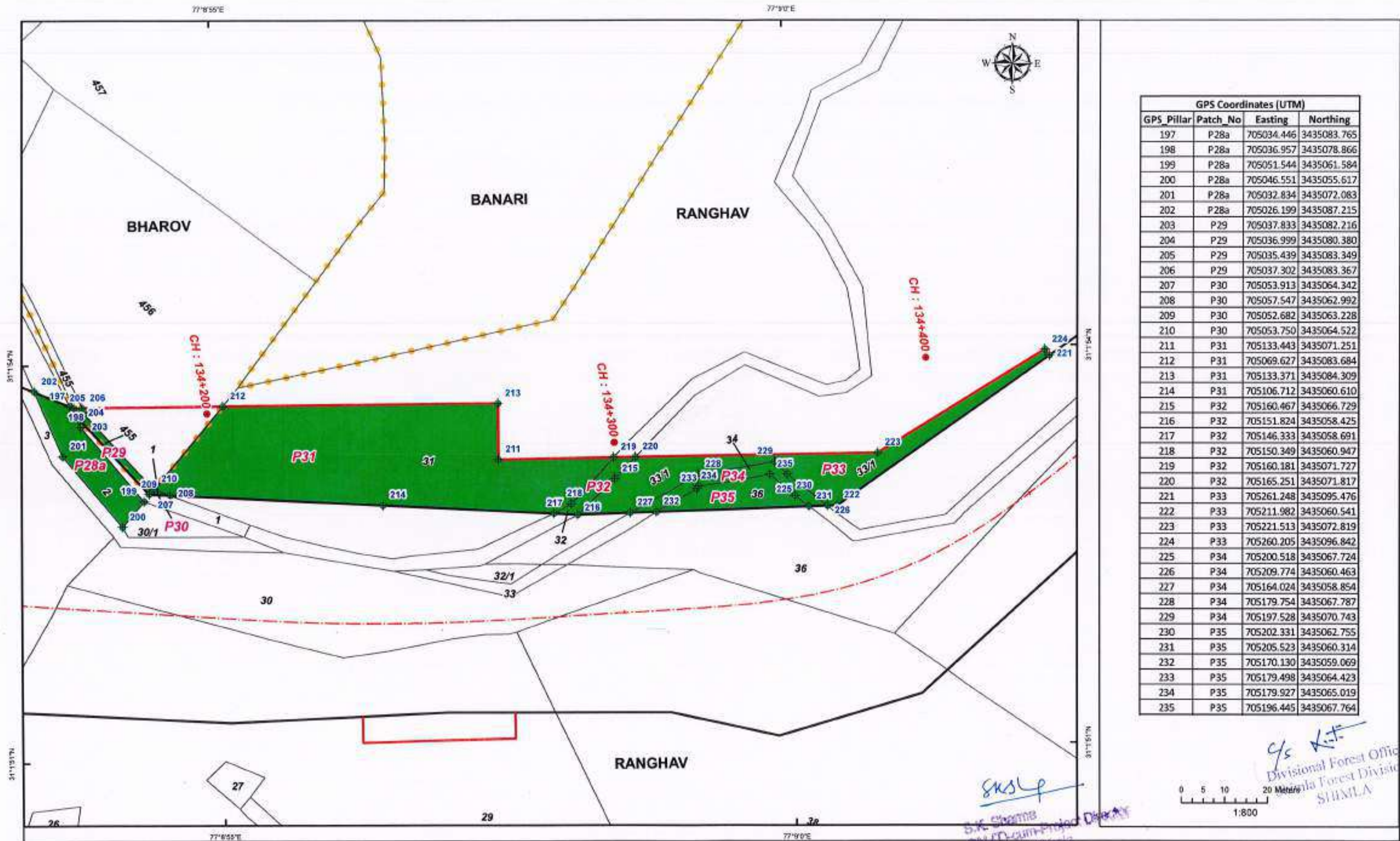
GPS Coordinates (UTM)			
GPS_Pillar	Patch_No	Easting	Northing
166	P27	704286.523	3435831.952
167	P27	704302.721	3435823.483
168	P27	704301.444	3435812.909
169	P27	704261.211	3435813.778
170	P27	704267.243	3435831.801
171	P27	704281.432	3435833.548
172	P28	704465.742	3435829.917
173	P28	704471.371	3435827.372
174	P28	704476.703	3435824.253
175	P28	704483.249	3435819.260
176	P28	704487.667	3435814.943
177	P28	704491.610	3435810.188
178	P28	704495.034	3435805.046
179	P28	704498.728	3435797.688
180	P28	704500.806	3435791.871
181	P28	704502.610	3435783.838
182	P28	704503.218	3435777.690
183	P28	704503.180	3435771.513
184	P28	704502.497	3435765.374
185	P28	704501.175	3435759.340
186	P28	704499.229	3435753.477
187	P28	704496.682	3435747.850
188	P28	704492.397	3435740.819
189	P28	704489.774	3435740.700
190	P28	704483.543	3435761.918
191	P28	704478.722	3435773.883
192	P28	704475.270	3435784.171
193	P28	704473.330	3435793.538
194	P28	704468.705	3435809.996
195	P28	704466.214	3435821.446
196	P28	704463.811	3435830.633


 S.K. Sharma
 G.M. (T)-cum-Project Director
 NHAI, PIU-Shimla

 Divisional Forest Officer
 Shimla Forest Division
 SHIMLA
 0 10 20 40 Meters
 1:1,000

Legend

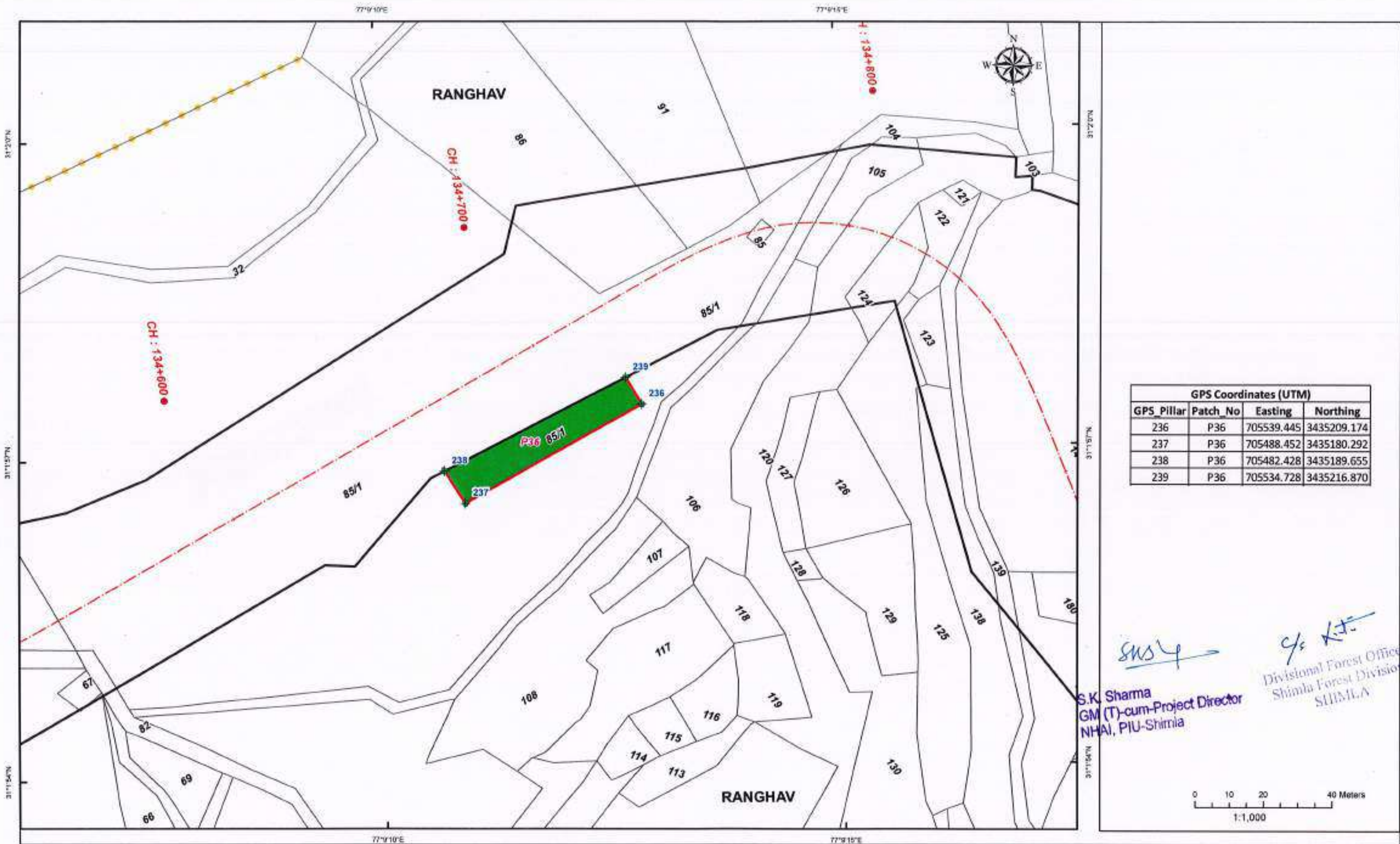
◆ GPS Pillar — PROW — Acquired ROW - - - - - Proposed Centreline - - - - - Muck Site — Khasra boundary ● Village boundary ■ Forest area

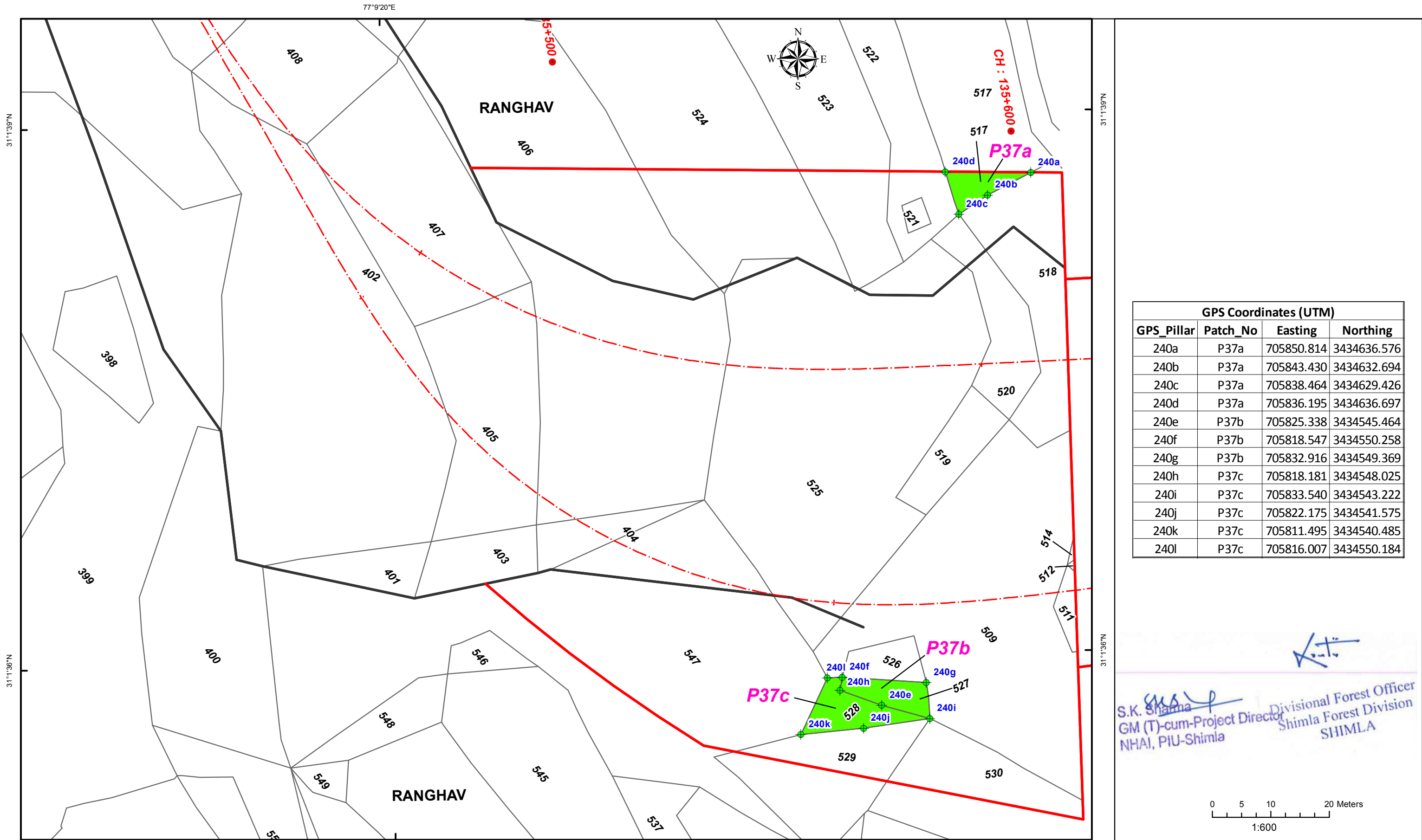


GPS Coordinates (UTM)			
GPS_Pillar	Patch_No	Easting	Northing
197	P28a	705034.446	3435083.765
198	P28a	705036.957	3435078.866
199	P28a	705051.544	3435061.584
200	P28a	705046.551	3435055.617
201	P28a	705032.834	3435072.083
202	P28a	705026.199	3435087.215
203	P29	705037.833	3435082.216
204	P29	705036.999	3435080.380
205	P29	705035.439	3435083.349
206	P29	705037.302	3435083.367
207	P30	705053.913	3435064.342
208	P30	705057.547	3435062.992
209	P30	705052.682	3435063.228
210	P30	705053.750	3435064.522
211	P31	705133.443	3435071.251
212	P31	705069.627	3435083.684
213	P31	705133.371	3435084.309
214	P31	705106.712	3435060.610
215	P32	705160.467	3435066.729
216	P32	705151.824	3435058.425
217	P32	705146.333	3435058.691
218	P32	705150.349	3435060.947
219	P32	705160.181	3435071.727
220	P32	705165.251	3435071.817
221	P33	705261.248	3435095.476
222	P33	705211.982	3435060.541
223	P33	705221.513	3435072.819
224	P33	705260.205	3435096.842
225	P34	705200.518	3435067.724
226	P34	705209.774	3435060.463
227	P34	705164.024	3435058.854
228	P34	705179.754	3435067.787
229	P34	705197.528	3435070.743
230	P35	705202.331	3435062.755
231	P35	705205.523	3435060.314
232	P35	705170.130	3435059.069
233	P35	705179.498	3435064.423
234	P35	705179.927	3435065.019
235	P35	705196.445	3435067.764

Legend

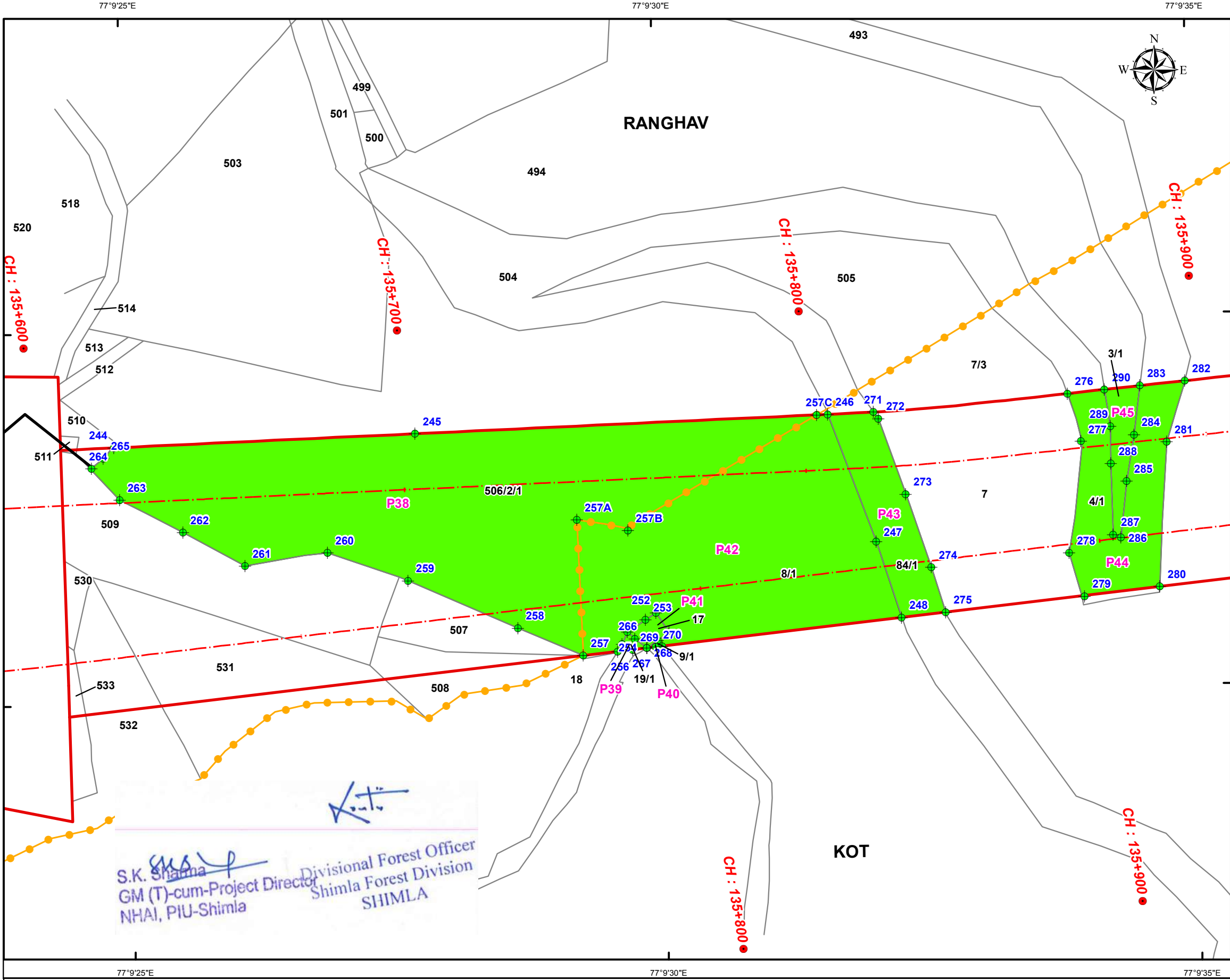
◆ GPS Pillar — PROW — Acquired ROW - - - Proposed Centreline - - - Muck Site — Khasra boundary ● Village boundary ■ Forest area



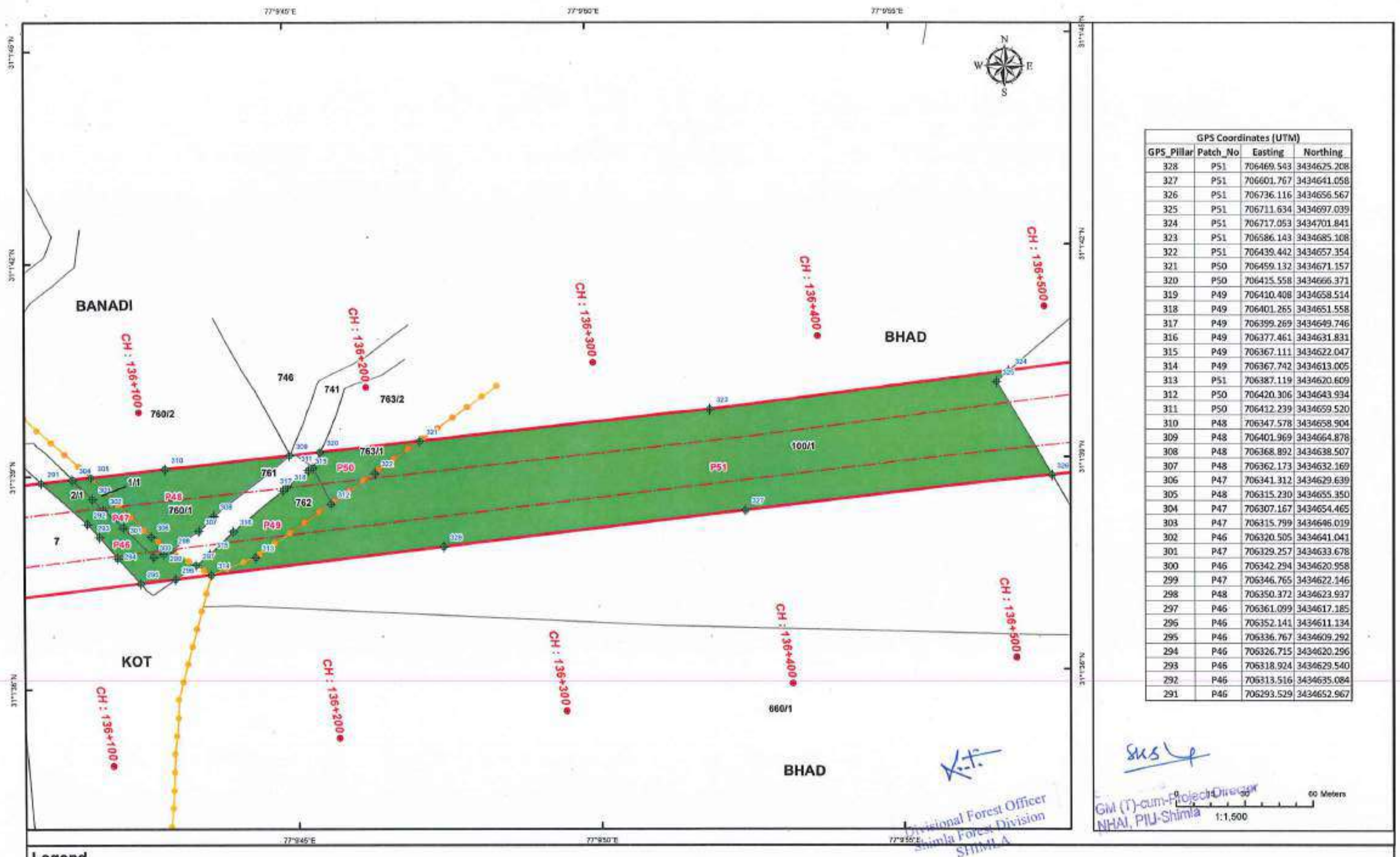


Legend

GPS Pillar PROW Acquired ROW Proposed Centreline Muck Site Khasra boundary Village boundary Forest area



GPS Coordinates (UTM)			
GPS_Pillar	Patch_No	Easting	Northing
290	P44	706116.32	3434633.502
289	P45	706117.8	3434624.387
288	P45	706117.93	3434615.139
287	P44	706118.52	3434597.366
286	P44	706120.43	3434596.717
285	P45	706121.84	3434610.714
284	P45	706123.66	3434622.339
283	P44	706125.1	3434634.466
282	P44	706136.29	3434635.695
281	P44	706131.88	3434620.462
280	P44	706130.11	3434584.519
279	P44	706111.43	3434582.021
278	P44	706107.59	3434592.822
277	P44	706110.48	3434620.679
276	P44	706107.1	3434632.489
275	P43	706076.87	3434578.136
274	P43	706073.26	3434589.239
273	P43	706066.93	3434607.425
272	P43	706060.1	3434626.279
271	P43	706058.91	3434627.899
270	P40	706004.68	3434569.483
269	P39	705998.99	3434568.801
268	P40	706002.45	3434569.216
267	P41	706002.56	3434569.287
266	P41	705999.55	3434571.498
265	P38	705867.31	3434616.278
264	P38	705864.39	3434613.771
263	P38	705871.38	3434605.992
262	P38	705887.09	3434597.952
261	P38	705902.56	3434589.538
260	P38	705923.1	3434592.790
259	P38	705943.16	3434585.923
258	P38	705970.46	3434574.156
257C	P42	706044.79	3434627.199
257B	P42	705997.79	3434598.427
257A	P42	705985.1	3434601.071
257	P42	705986.69	3434567.327
256	P42	705995.22	3434568.349
255	P39	705996.39	3434570.207
254	P42	705997.66	3434573.179
253	P41	706002.18	3434576.168
252	P42	706004.76	3434578.014
251	P42	706008.08	3434572.981
250	P41	706005.22	3434571.095
249	P42	706006.33	3434569.680
248	P42	706065.91	3434576.823
247	P43	706059.55	3434595.722
246	P42	706047.53	3434627.328
245	P38	705944.89	3434622.490
244	P38	705869.97	3434618.959



Legend

GPS Pillar PROW Acquired ROW Proposed Centreline Muck Site Khasra boundary Village boundary Forest area



Intercontinental Consultants
and Technocrats Pvt. Ltd.

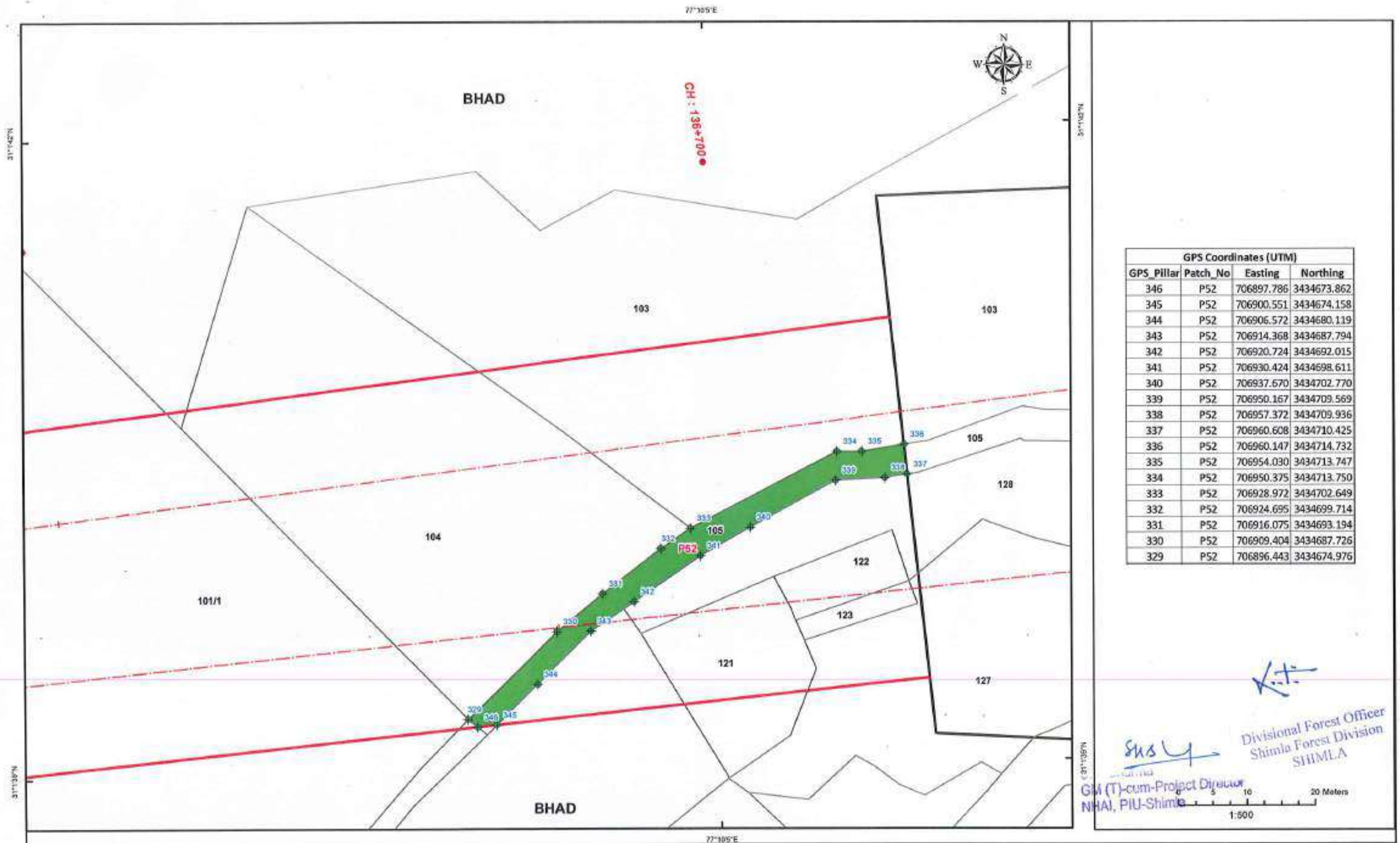


NATIONAL HIGHWAY AUTHORITY OF INDIA

Project:

Additional Forest land requirement of 11,7936 ha. for four laning of proposed Shimla Bypass from Kaithlighat to Shakral Section (Package-I) of NH-22 (Chainage from Km. 128.835 to Km. 146.300) in already approved FCA case of the entire section from Kaithlighat to Dhalli (Chainage from Km. 128.835 to Km. 156.660) of NH-22 for 40.3 Ha in the State of Himachal Pradesh.

DGPS Mapping
Tehsil: Shimla Rural, District: Shimla
SHEET: 12



Legend

◆ GPS Pillar — PROW — Acquired ROW - - - Proposed Centreline - - - Muck Site — Khasra boundary - - - Village boundary ■ Forest area



Intercontinental Consultants
and Technocrats Pvt. Ltd.

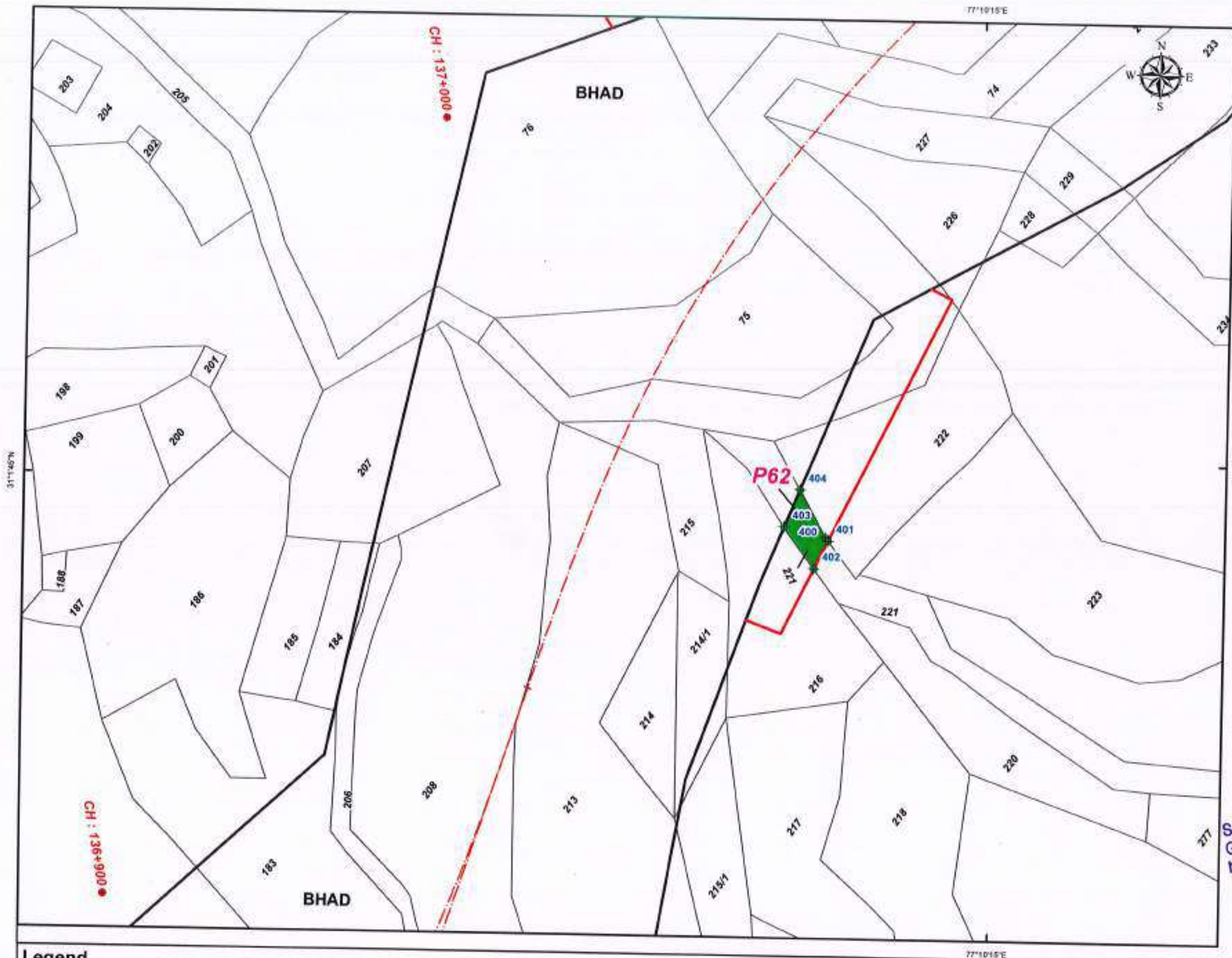


NATIONAL HIGHWAY AUTHORITY OF INDIA

Project:

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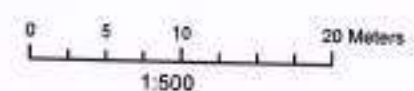
DGPS Mapping
 Tehsil: Shimla Rural, District: Shimla
 SHEET: 14



GPS Coordinates (UTM)			
GPS_Pillar	Patch_No	Easting	Northing
400	P62	707174.388	3434848.876
401	P62	707174.702	3434848.467
402	P62	707172.948	3434844.899
403	P62	707169.086	3434850.158
404	P62	707171.037	3434854.937

S.K. Sharma
GM (T)-cum-Project Director
NHAI, PIU-Shimla

Divisional Forest Officer
Shimla Forest Division
SHIMLA



Legend

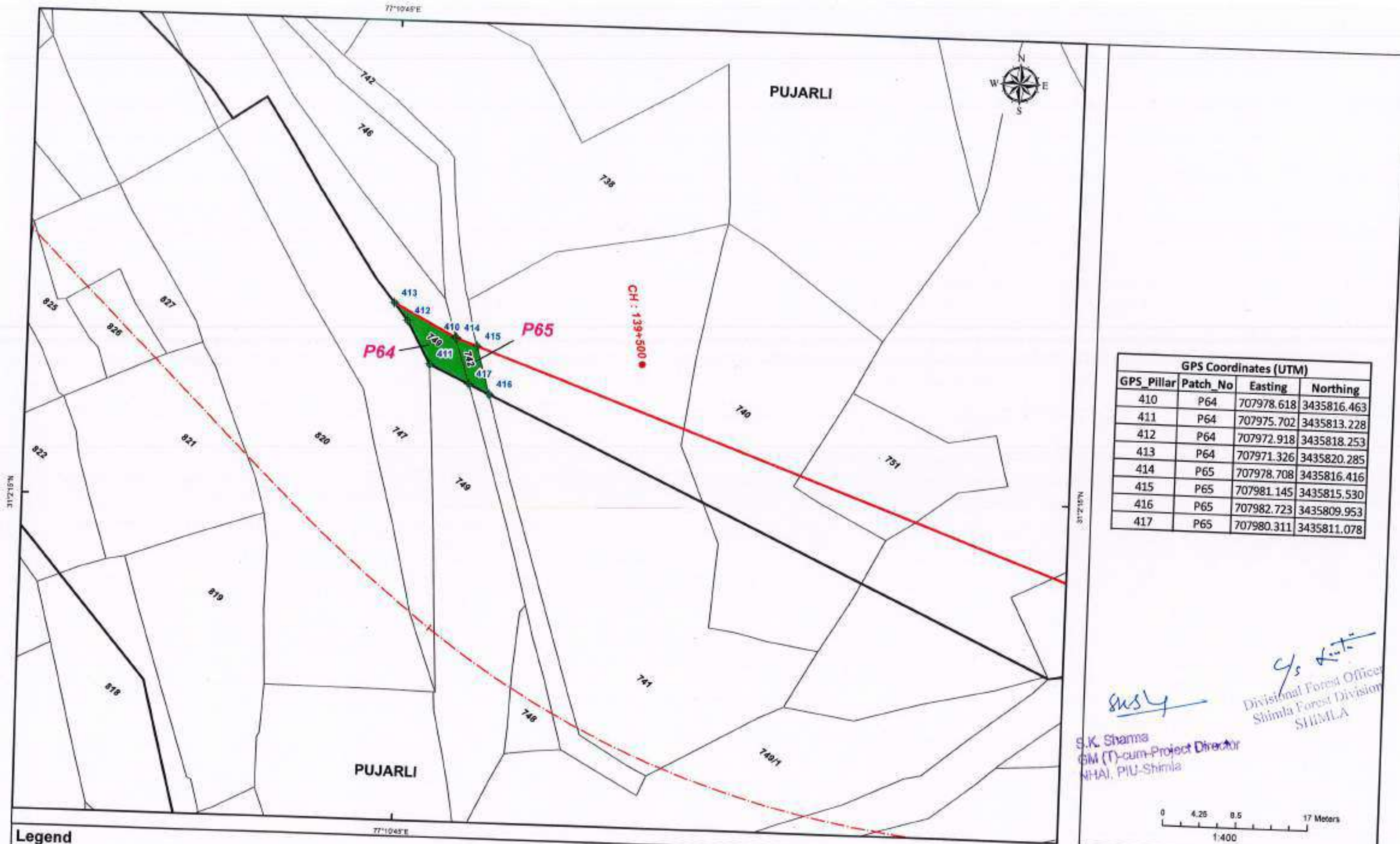
- GPS Pillar
- PROW
- Acquired ROW
- Proposed Centreline
- Muck Site
- Khasra boundary
- Village boundary
- Forest area

Intercontinental Consultants
and Technocrats Pvt. Ltd.

NATIONAL HIGHWAY AUTHORITY OF INDIA

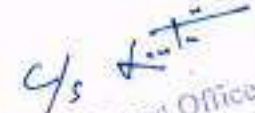
Project: Additional Forest land requirement of 11.7944 ha. for four laning of proposed Shimla Bypass from Kaithlighat to Shakral Section (Package-I) of NH-22 (Chainage from Km. 128.835 to Km. 146.300) in already approved FCA case of the entire section from Kaithlighat to Dhalli (Chainage from Km. 128.835 to Km. 156.560) of NH-22 for 40.3 Ha in the State of Himachal Pradesh.

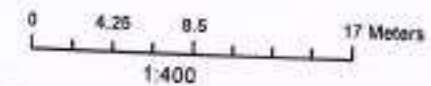
DGPS Mapping
Tehsil: Shimla Rural, District: Shimla
SHEET: 15



GPS Coordinates (UTM)			
GPS Pillar	Patch_No	Easting	Northing
410	P64	707978.618	3435816.463
411	P64	707975.702	3435813.228
412	P64	707972.918	3435818.253
413	P64	707971.326	3435820.285
414	P65	707978.708	3435816.416
415	P65	707981.145	3435815.530
416	P65	707982.723	3435809.953
417	P65	707980.311	3435811.078


 S.K. Sharma
 GM (T)-cum-Project Director
 NHAI, PIU-Shimla


 Divisional Forest Officer
 Shimla Forest Division
 SHIMLA



Legend

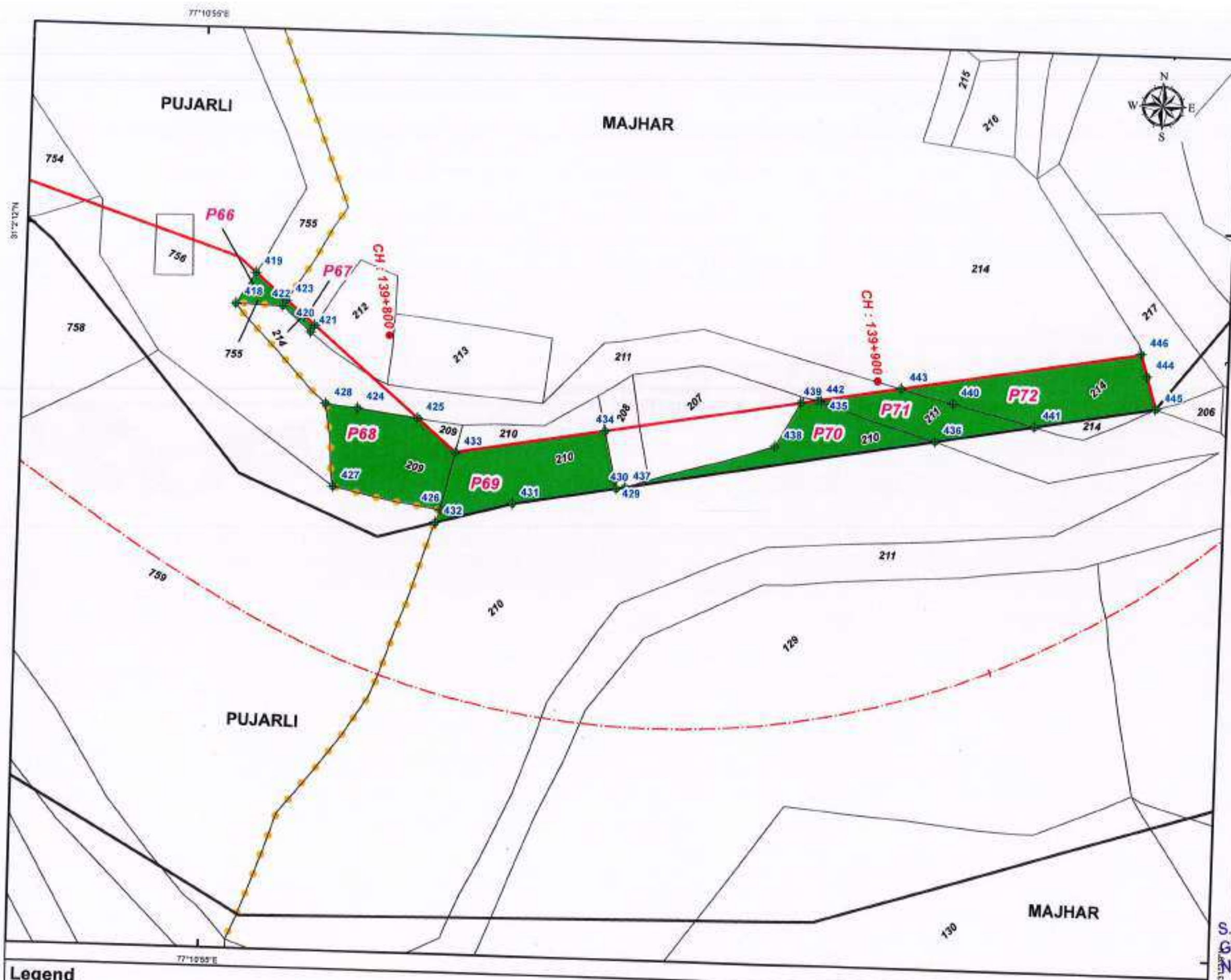
- ◆ GPS Pillar
- PROW
- Acquired ROW
- - - Proposed Centreline
- - - Muck Site
- Khasra boundary
- Village boundary
- Forest area

 Intercontinental Consultants
 and Technocrats Pvt. Ltd.

 NATIONAL HIGHWAY AUTHORITY OF INDIA

Project: Additional Forest land requirement of 11.7944 ha. for four laning of proposed Shimla Bypass from Kaithlighat to Shakral Section (Package-I) of NH-22 (Chainage from Km. 128.835 to Km. 146.300) in already approved FCA case of the entire section from Kaithlighat to Dhalli (Chainage from Km. 128.835 to Km. 156.560) of NH-22 for 40.3 Ha in the State of Himachal Pradesh.

DGPS Mapping
 Tehsil: Shimla Rural, District: Shimla
 SHEET: 17



GPS Coordinates (UTM)			
GPS Pillar	Patch No	Easting	Northing
418	P66	708243.417	3435700.393
419	P66	708245.841	3435704.346
420	P67	708253.463	3435697.858
421	P67	708252.940	3435697.023
422	P67	708249.374	3435700.217
423	P67	708249.831	3435700.950
424	P68	708259.237	3435687.530
425	P68	708266.878	3435686.439
426	P68	708270.138	3435674.858
427	P68	708256.431	3435677.433
428	P68	708255.164	3435687.962
429	P69	708292.054	3435679.337
430	P69	708292.287	3435678.256
431	P69	708279.253	3435675.906
432	P69	708269.546	3435673.257
433	P69	708271.833	3435682.222
434	P69	708290.659	3435685.528
435	P70	708318.012	3435690.170
436	P70	708332.547	3435685.516
437	P70	708293.392	3435678.455
438	P70	708312.327	3435684.248
439	P70	708315.429	3435689.878
440	P71	708334.645	3435690.392
441	P71	708345.147	3435687.788
442	P71	708317.577	3435690.255
443	P71	708328.053	3435692.095
444	P72	708359.229	3435694.692
445	P72	708360.450	3435690.548
446	P72	708358.417	3435697.503

Legend

- GPS Pillar
- PROW
- Acquired ROW
- Proposed Centreline
- Muck Site
- Khasra boundary
- Village boundary
- Forest area

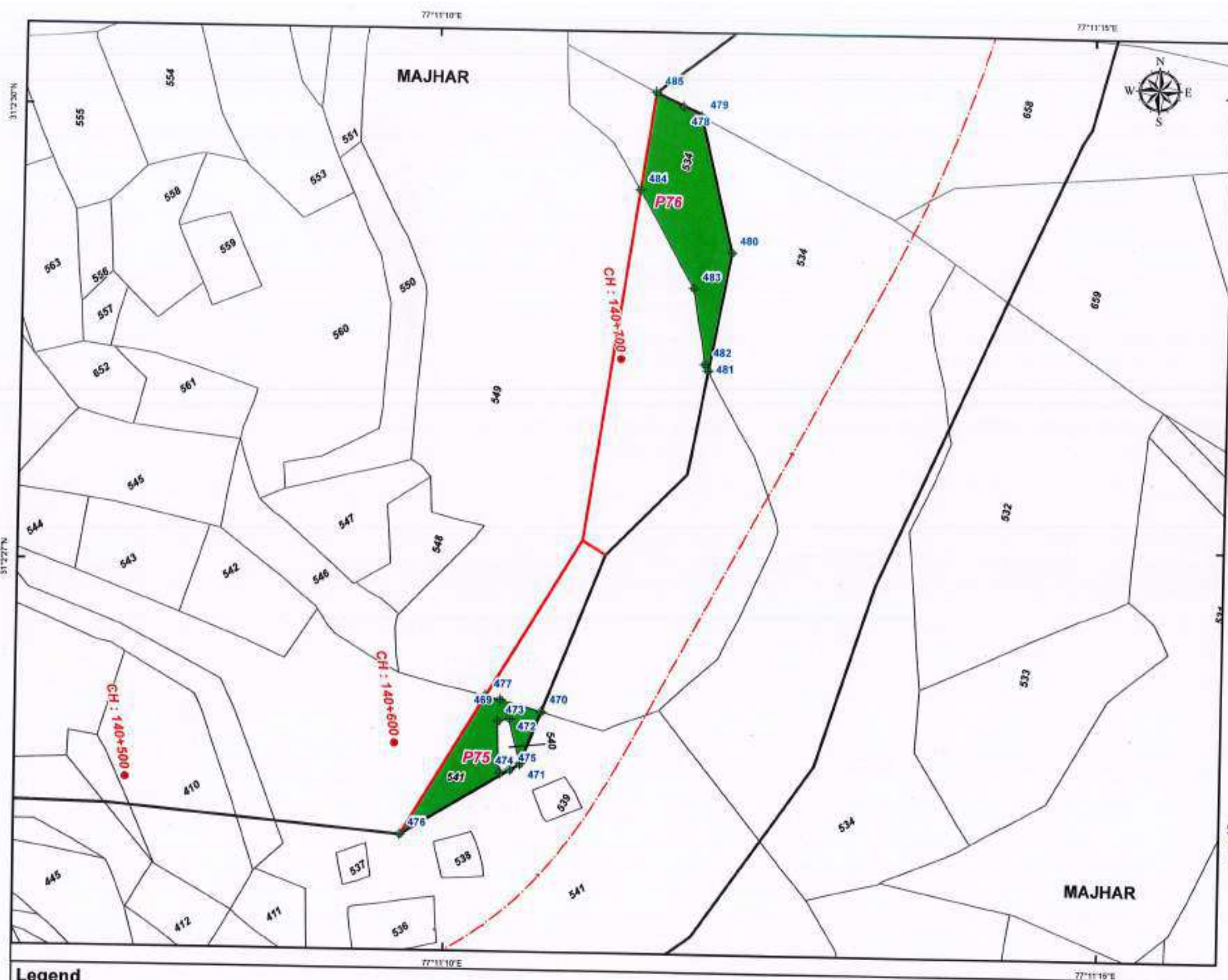
Intercontinental Consultants and Technocrats Pvt. Ltd.

NATIONAL HIGHWAY AUTHORITY OF INDIA

Project: Additional Forest land requirement of 11.7944 ha. for four laning of proposed Shimla Bypass from Kaithlighat to Shakral Section (Package-I) of NH-22 (Chainage from Km. 128.835 to Km. 146.300) in already approved FCA case of the entire section from Kaithlighat to Dhalli (Chainage from Km. 128.835 to Km. 156.560) of NH-22 for 40.3 Ha in the State of Himachal Pradesh.

DGPS Mapping
Tehsil: Shimla Rural, District: Shimla
SHEET: 18

S.K. Sharma
GM (T)-cum-Project Director
NHAI, PIU-Shimla
Divisional Forest Officer
Shimla Forest Division
SHIMLA
10
20 Meters
1:500



GPS Coordinates (UTM)			
GPS_Pillar	Patch_No	Easting	Northing
469	P75	708640.348	3436151.130
470	P75	708648.583	3436148.823
471	P75	708644.432	3436138.177
472	P75	708642.255	3436147.247
473	P75	708639.842	3436146.672
474	P75	708640.455	3436136.328
475	P75	708642.451	3436136.973
476	P75	708620.381	3436123.564
477	P75	708637.318	3436151.879
478	P76	708675.120	3436272.137
479	P76	708678.804	3436270.230
480	P76	708685.441	3436242.628
481	P76	708681.108	3436218.535
482	P76	708680.426	3436219.841
483	P76	708677.978	3436235.211
484	P76	708666.723	3436255.051
485	P76	708669.623	3436274.986

S.K. Sharma
GM (T)-cum-Project Director
NHAI, PIU-Shimla

Divisional Forest Officer
Shimla Forest Division
SHIMLA

0 5 10 20 Meters
1:800

Legend

◆ GPS Pillar — PROW — Acquired ROW — Proposed Centreline - - - Muck Site — Khasra boundary — Village boundary ■ Forest area



Intercontinental Consultants
and Technocrats Pvt. Ltd.

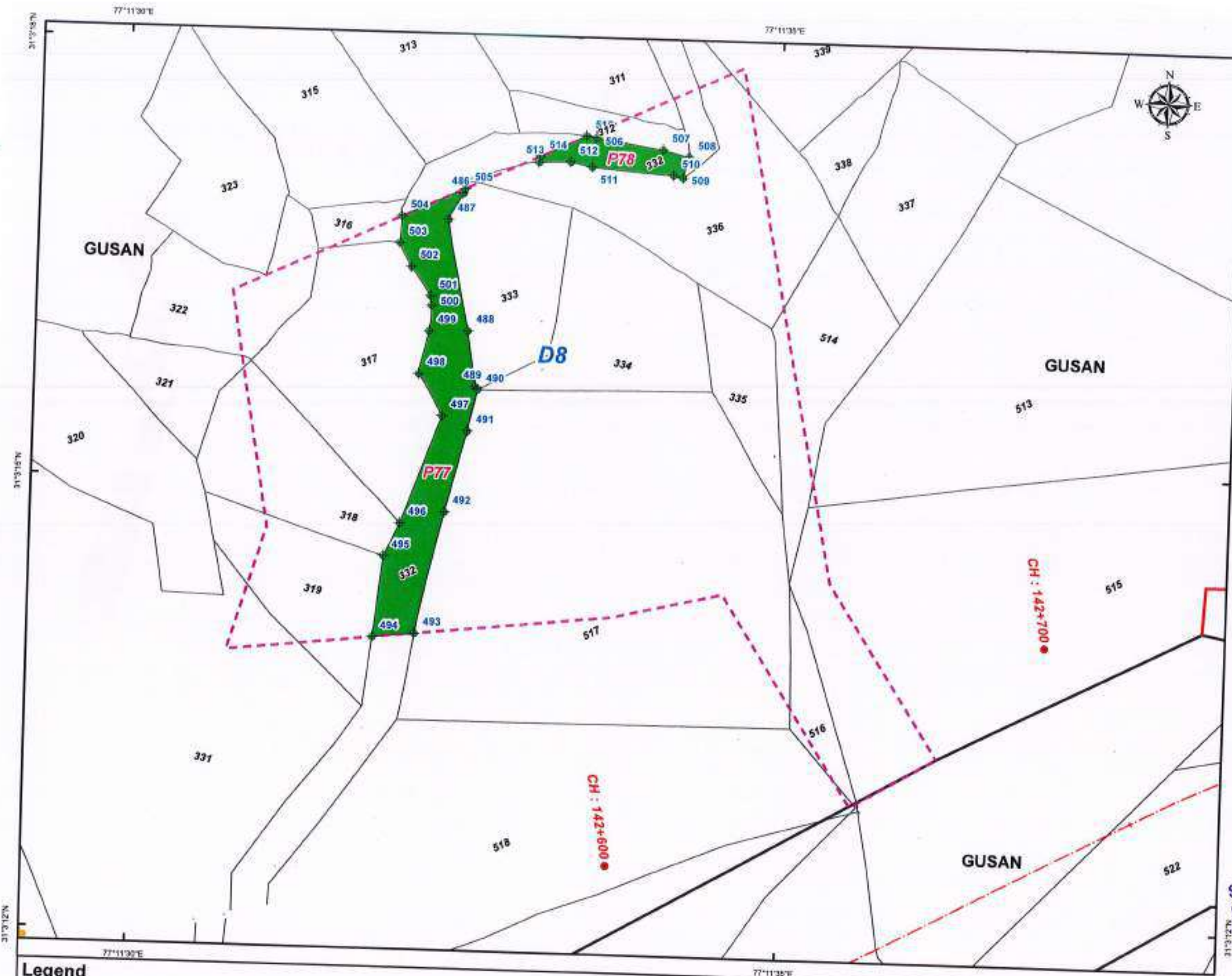


NATIONAL HIGHWAY AUTHORITY OF INDIA

Project:

Additional Forest land requirement of 11.7944 ha. for four laning of proposed Shimla Bypass from Kaithlighat to Shakral Section (Package-I) of NH-22 (Chainage from Km. 128.835 to Km. 146.300) in already approved FCA case of the entire section from Kaithlighat to Dhalli (Chainage from Km. 128.835 to Km. 156.560) of NH-22 for 40.3 Ha in the State of Himachal Pradesh.

DGPS Mapping
Tehsil: Shimla Rural, District: Shimla
SHEET: 19



GPS Coordinates (UTM)			
GPS_Pillar	Patch_No	Easting	Northing
486	P77	709195.745	3437727.771
487	P77	709192.924	3437722.316
488	P77	709197.509	3437699.696
489	P77	709199.400	3437688.283
490	P77	709199.836	3437687.715
491	P77	709198.041	3437679.223
492	P77	709193.860	3437662.570
493	P77	709188.507	3437637.622
494	P77	709179.887	3437636.675
495	P77	709181.744	3437653.235
496	P77	709184.918	3437660.031
497	P77	709192.827	3437682.182
498	P77	709187.807	3437690.678
499	P77	709189.685	3437699.481
500	P77	709190.076	3437704.677
501	P77	709189.782	3437706.582
502	P77	709185.697	3437712.480
503	P77	709183.224	3437717.315
504	P77	709183.463	3437722.758
505	P77	709196.169	3437728.729
506	P78	709222.531	3437739.884
507	P78	709236.089	3437737.769
508	P78	709241.374	3437736.406
509	P78	709240.324	3437732.160
510	P78	709238.337	3437732.616
511	P78	709221.772	3437733.865
512	P78	709217.427	3437734.799
513	P78	709210.908	3437734.588
514	P78	709211.160	3437735.773
515	P78	709220.456	3437740.142

S.K. Sharma
 GM (T)-cum-Project Director
 NHAI, PIU-Shimla
 Divisional Forest Officer
 Shimla Forest Division
 SHIMLA
 Scale: 0 5 10 20 Meters
 1:800

77°12'0"E



CH : 143+600

P79

P80

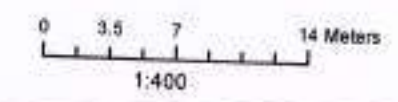
JALAF

JALAF

GPS Coordinates (UTM)			
GPS_Pillar	Patch_No	Easting	Northing
516	P79	709944.949	3437913.432
517	P79	709944.703	3437912.676
518	P79	709943.623	3437913.863
519	P80	709943.444	3437908.800
520	P80	709942.020	3437909.263

S.K. Sharma
S.K. Sharma
GM (T)-cum-Project Director
NHAI, PIU-Shimla

G. K. Sharma
Divisional Forest Officer
Shimla Forest Division
SHIMLA



Legend

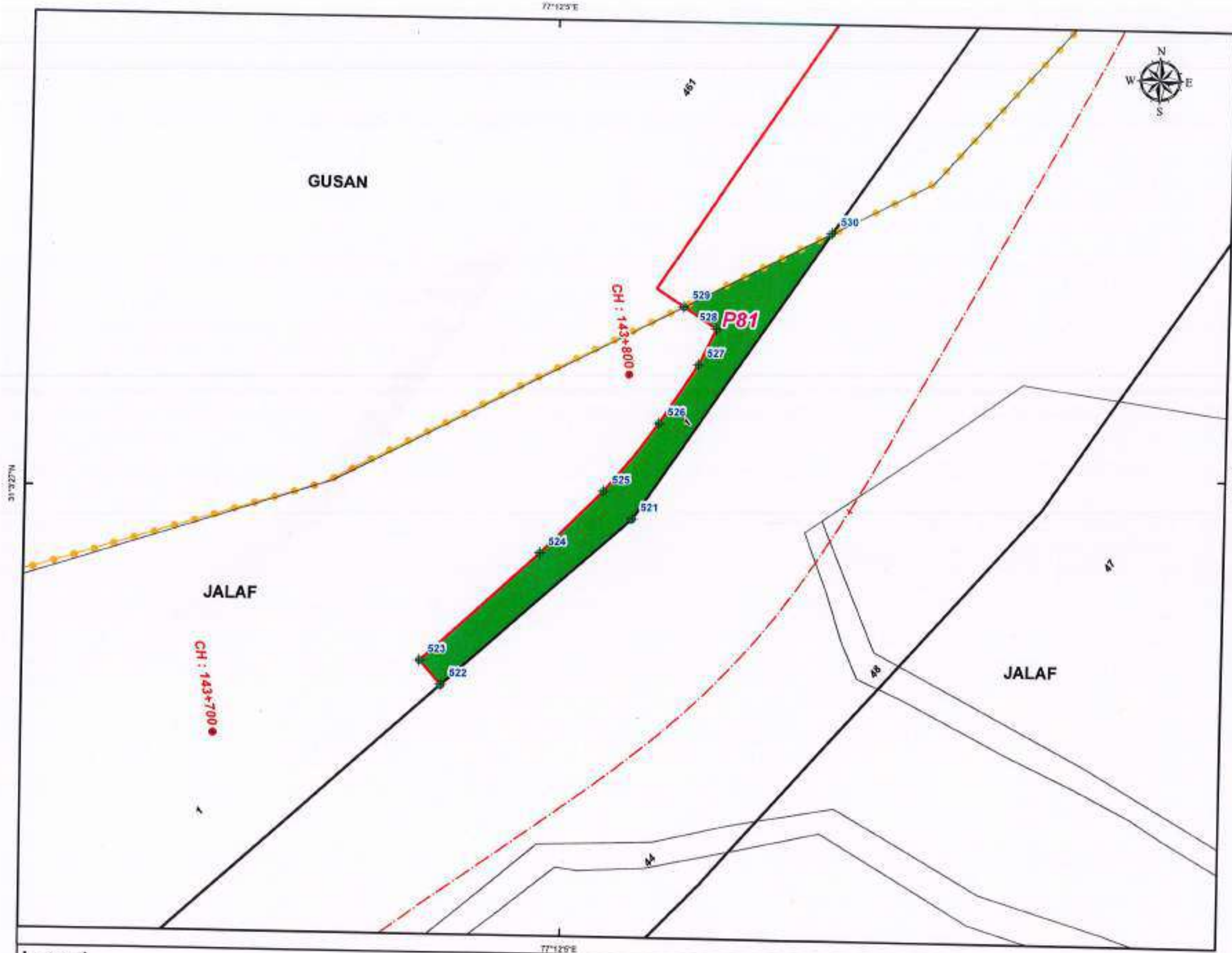
- ◆ GPS Pillar
- PROW
- Acquired ROW
- - - Proposed Centreline
- - - Muck Site
- Khasra boundary
- Village boundary
- Forest area

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Intercontinental Consultants
and Technocrats Pvt. Ltd.

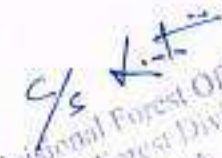
NATIONAL HIGHWAY AUTHORITY OF INDIA

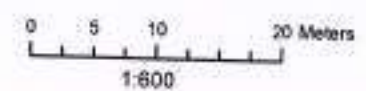
Project: Additional Forest land requirement of 11.7944 ha. for four laning of proposed Shimla Bypass from Kalthighat to Shakral Section (Package-I) of NH-22 (Chainage from Km. 128.835 to Km. 146.300) in already approved FCA case of the entire section from Kalthighat to Dhalli (Chainage from Km. 128.835 to Km. 156.560) of NH-22 for 40.3 Ha in the State of Himachal Pradesh.

DGPS Mapping
Tehsil: Shimla Rural, District: Shimla
SHEET: 21



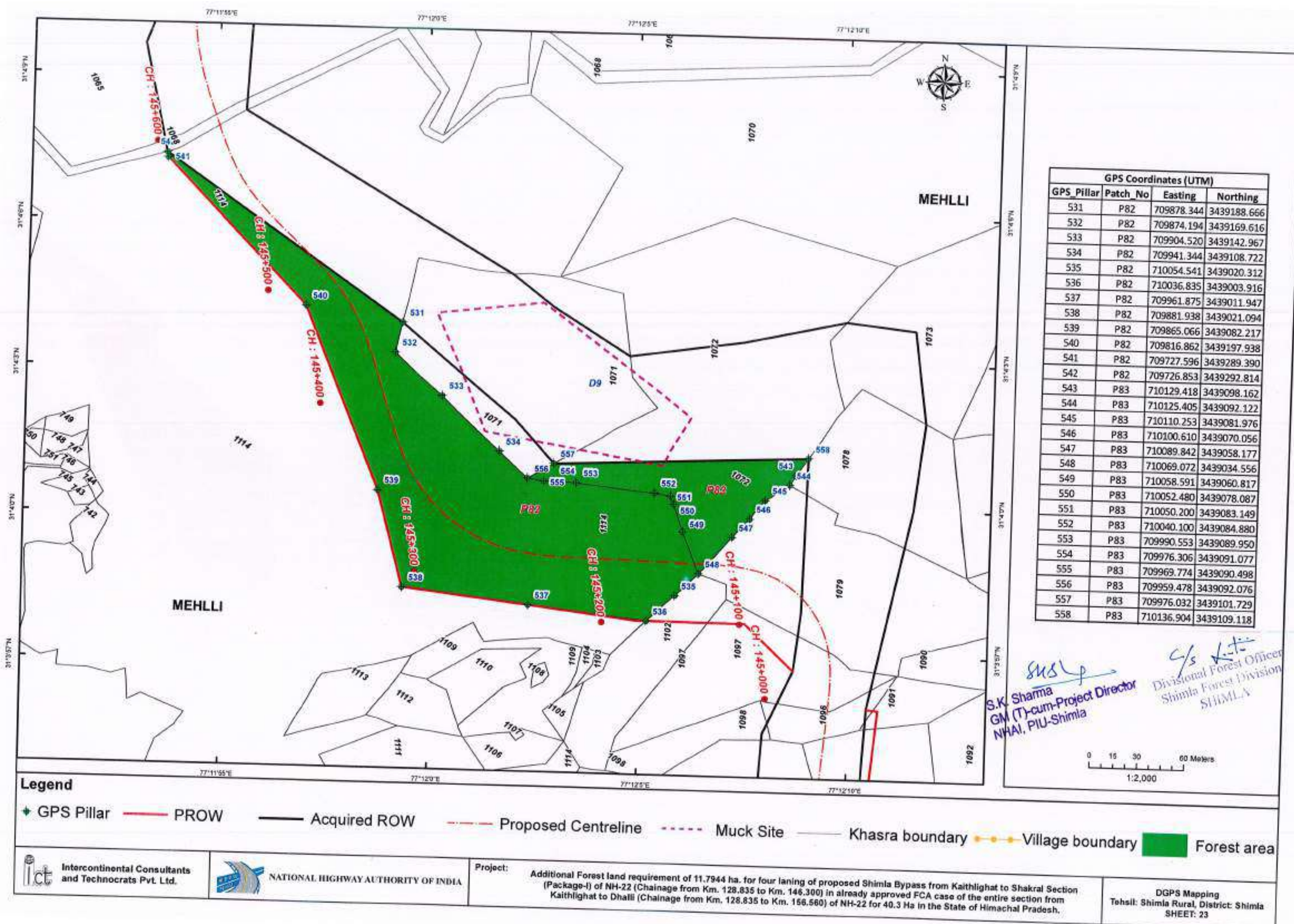
GPS Coordinates (UTM)			
GPS_Pillar	Patch_No	Easting	Northing
521	P81	710061.054	3438051.324
522	P81	710032.334	3438025.447
523	P81	710029.030	3438029.151
524	P81	710047.152	3438045.831
525	P81	710056.622	3438055.487
526	P81	710064.852	3438066.037
527	P81	710070.750	3438075.112
528	P81	710073.433	3438080.655
529	P81	710068.300	3438083.990
530	P81	710090.764	3438095.623

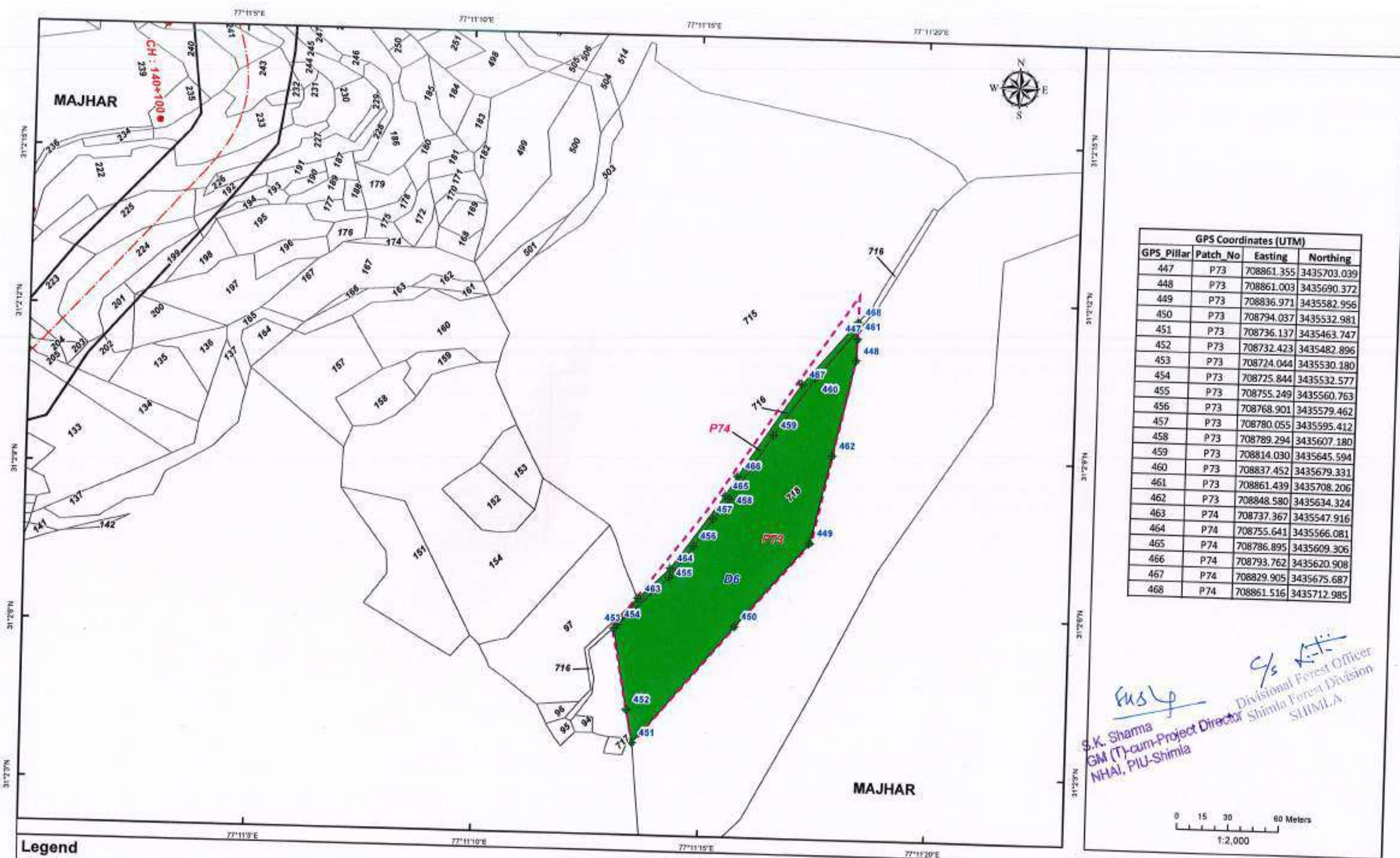

 S.K. Sharma
 GM (T)-cum-Project Director
 NHAI, PIU-Shimla

 G/S Kishor
 Divisional Forest Officer
 Shimla Forest Division
 SHIMLA

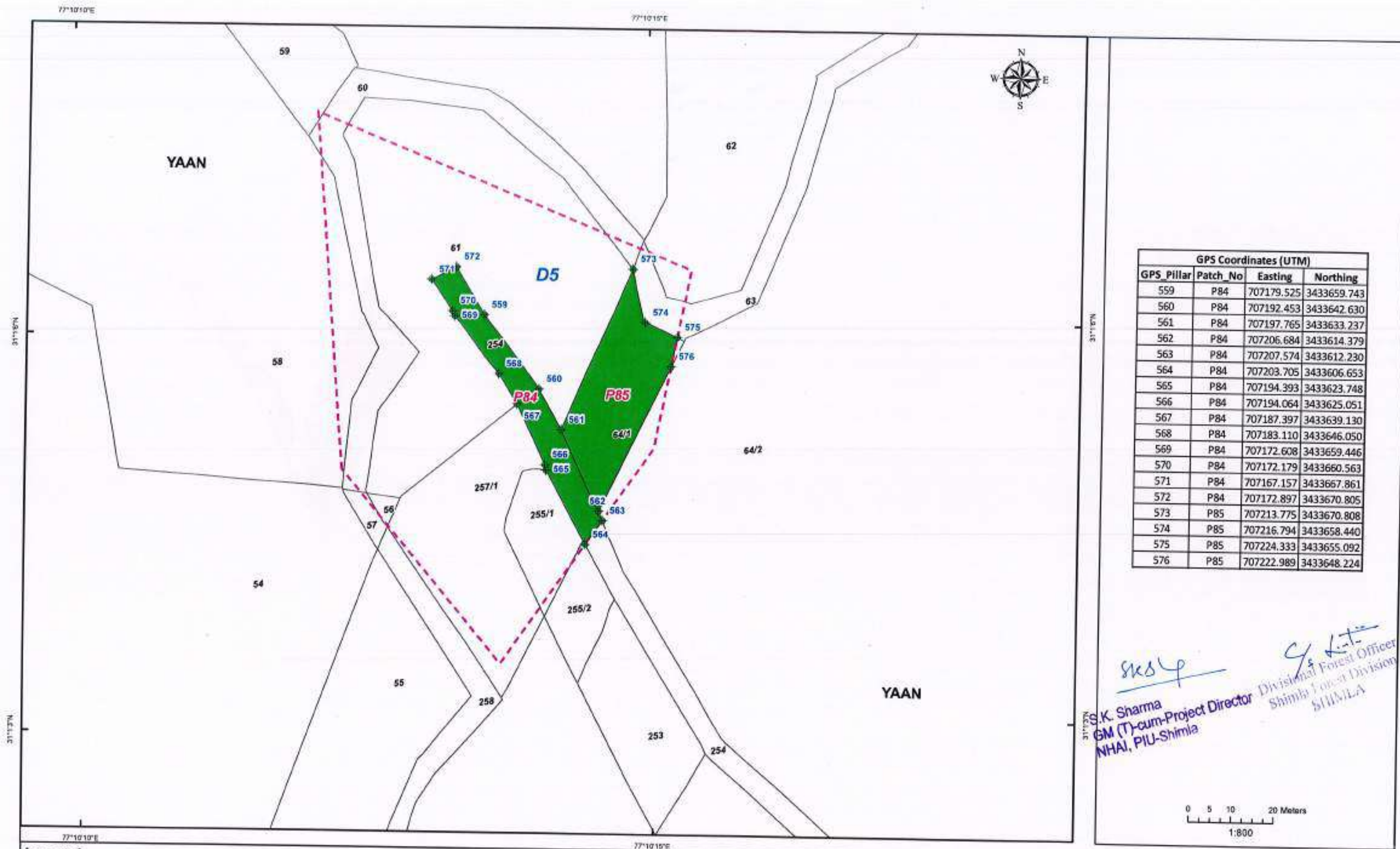


Legend

+ GPS Pillar — PROW — Acquired ROW - - - Proposed Centreline - - - Muck Site — Khasra boundary - - - Village boundary ■ Forest area







GPS Coordinates (UTM)			
GPS Pillar	Patch No	Easting	Northing
559	P84	707179.525	3433659.743
560	P84	707192.453	3433642.630
561	P84	707197.765	3433633.237
562	P84	707206.684	3433614.379
563	P84	707207.574	3433612.230
564	P84	707203.705	3433606.653
565	P84	707194.393	3433623.748
566	P84	707194.064	3433625.051
567	P84	707187.397	3433639.130
568	P84	707183.110	3433646.050
569	P84	707172.608	3433659.446
570	P84	707172.179	3433660.563
571	P84	707167.157	3433667.861
572	P84	707172.897	3433670.805
573	P85	707213.775	3433670.808
574	P85	707216.794	3433658.440
575	P85	707224.333	3433655.092
576	P85	707222.989	3433648.224


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 SHIMLA

0 5 10 20 Meters
 1:800

Legend
 ◆ GPS Pillar — PROW — Acquired ROW - - - Proposed Centreline - - - Muck Site — Khasra boundary — Village boundary ■ Forest area