

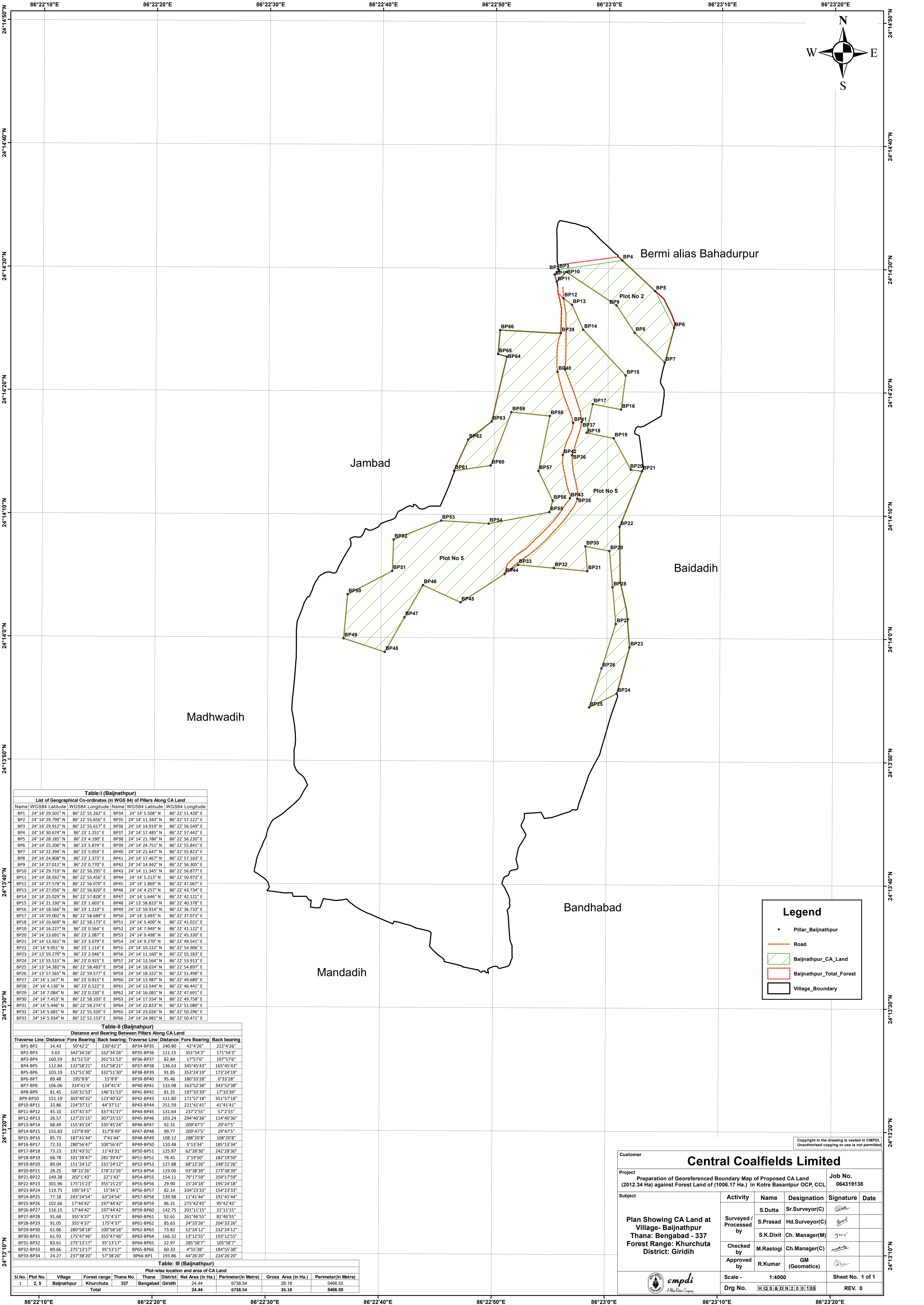


Table-I (Bajinathpur)				
List of Geographical Co-ordinates (in WGS 84) of Pillars Along CA Land				
Name	WGS84 Latitude	WGS84 Longitude	Name	WGS84 Latitude
BP1	24° 14' 29.501" N	86° 22' 55.262" E	BP34	24° 14' 5.508" N
BP2	24° 14' 29.799" N	86° 22' 55.656" E	BP35	24° 14' 11.343" N
BP3	24° 14' 29.912" N	86° 22' 55.617" E	BP36	24° 14' 14.919" N
BP4	24° 14' 30.674" N	86° 23' 1.251" E	BP37	24° 14' 17.485" N
BP5	24° 14' 28.185" N	86° 23' 4.190" E	BP38	24° 14' 21.786" N
BP6	24° 14' 25.206" N	86° 23' 5.874" E	BP39	24° 14' 24.751" N
BP7	24° 14' 22.394" N	86° 23' 5.059" E	BP40	24° 14' 21.647" N
BP8	24° 14' 24.808" N	86° 23' 2.373" E	BP41	24° 14' 17.467" N
BP9	24° 14' 27.011" N	86° 23' 0.770" E	BP42	24° 14' 14.942" N
BP10	24° 14' 29.719" N	86° 22' 56.295" E	BP43	24° 14' 11.345" N
BP11	24° 14' 28.932" N	86° 22' 55.656" E	BP44	24° 14' 5.213" N
BP12	24° 14' 27.578" N	86° 22' 56.070" E	BP45	24° 14' 2.869" N
BP13	24° 14' 27.056" N	86° 22' 56.820" E	BP46	24° 14' 4.257" N
BP14	24° 14' 25.029" N	86° 22' 57.828" E	BP47	24° 14' 1.646" N
BP15	24° 14' 21.330" N	86° 23' 1.603" E	BP48	24° 13' 58.823" N
BP16	24° 14' 18.566" N	86° 23' 1.210" E	BP49	24° 13' 59.914" N
BP17	24° 14' 19.002" N	86° 22' 58.689" E	BP50	24° 14' 3.493" N
BP18	24° 14' 16.669" N	86° 22' 58.173" E	BP51	24° 14' 5.400" N
BP19	24° 14' 16.227" N	86° 23' 0.564" E	BP52	24° 14' 7.940" N
BP20	24° 14' 13.691" N	86° 23' 2.087" E	BP53	24° 14' 9.498" N
BP21	24° 14' 13.561" N	86° 23' 3.079" E	BP54	24° 14' 9.270" N
BP22	24° 14' 9.051" N	86° 23' 1.114" E	BP55	24° 14' 10.222" N
BP23	24° 13' 59.270" N	86° 23' 2.046" E	BP56	24° 14' 11.160" N
BP24	24° 13' 55.515" N	86° 23' 0.925" E	BP57	24° 14' 13.564" N
BP25	24° 13' 54.382" N	86° 22' 58.483" E	BP58	24° 14' 18.024" N
BP26	24° 13' 57.565" N	86° 22' 59.577" E	BP59	24° 14' 18.322" N
BP27	24° 14' 1.167" N	86° 23' 0.815" E	BP60	24° 14' 13.987" N
BP28	24° 14' 4.136" N	86° 23' 0.522" E	BP61	24° 14' 13.544" N
BP29	24° 14' 7.084" N	86° 23' 0.230" E	BP62	24° 14' 16.081" N
BP30	24° 14' 7.453" N	86° 22' 58.103" E	BP63	24° 14' 17.554" N
BP31	24° 14' 5.446" N	86° 22' 58.274" E	BP64	24° 14' 22.823" N
BP32	24° 14' 5.681" N	86° 22' 55.320" E	BP65	24° 14' 23.026" N
BP33	24° 14' 5.934" N	86° 22' 52.153" E	BP66	24° 14' 24.981" N

Table-II (Bajinathpur)							
Distance and Bearing Between Pillars Along CA Land							
Traverse Line	Distance	Fore Bearing	Back bearing	Traverse Line	Distance	Fore Bearing	Back bearing
BP1-BP2	14.43	50°42'2"	230°42'2"	BP34-BP35	240.80	42°4'26"	222°4'26"
BP2-BP3	3.63	342°34'26"	162°34'26"	BP35-BP36	111.15	351°54'3"	171°54'3"
BP3-BP4	160.59	81°51'53"	261°51'53"	BP36-BP37	82.84	175°7'6"	197°5'6"
BP4-BP5	112.64	132°58'21"	312°58'21"	BP37-BP38	136.63	345°45'43"	165°45'43"
BP5-BP6	103.19	152°51'30"	332°51'30"	BP38-BP39	91.85	353°24'19"	173°24'19"
BP6-BP7	89.48	195°8'8"	15°8'8"	BP39-BP40	95.46	180°33'28"	0°33'28"
BP7-BP8	106.06	314°41'4"	134°41'4"	BP40-BP41	133.98	163°52'38"	343°52'38"
BP8-BP9	81.45	326°31'53"	146°31'53"	BP41-BP42	81.35	197°33'39"	17°33'39"
BP9-BP10	151.19	303°40'32"	123°40'32"	BP42-BP43	111.80	171°57'18"	351°57'18"
BP10-BP11	33.86	224°37'11"	44°37'11"	BP43-BP44	251.59	221°41'41"	41°41'41"
BP11-BP12	45.10	157°41'37"	337°41'37"	BP44-BP45	131.64	237°2'55"	57°2'55"
BP12-BP13	26.57	127°25'15"	307°25'15"	BP45-BP46	103.24	294°40'36"	114°40'36"
BP13-BP14	68.49	155°45'24"	335°45'24"	BP46-BP47	92.31	209°47'5"	29°47'5"
BP14-BP15	155.83	137°8'40"	317°8'40"	BP47-BP48	99.77	209°47'5"	29°47'5"
BP15-BP16	85.73	187°41'44"	7°41'44"	BP48-BP49	108.12	288°20'8"	108°20'8"
BP16-BP17	72.33	280°56'47"	100°56'47"	BP49-BP50	110.48	5°13'34"	185°13'34"
BP17-BP18	73.23	191°43'31"	11°43'31"	BP50-BP51	125.87	62°28'30"	242°28'30"
BP18-BP19	68.78	101°39'47"	281°39'47"	BP51-BP52	78.45	2°19'50"	182°19'50"
BP19-BP20	89.04	151°24'12"	331°24'12"	BP52-BP53	127.88	68°22'26"	248°22'26"
BP20-BP21	28.25	98°22'26"	278°22'26"	BP53-BP54	119.00	93°38'39"	273°38'39"
BP21-BP22	149.38	202°1'43"	22°1'43"	BP54-BP55	154.11	79°17'59"	259°17'59"
BP22-BP23	301.96	175°15'23"	355°15'23"	BP55-BP56	29.90	15°24'18"	195°24'18"
BP23-BP24	119.75	195°34'1"	15°34'1"	BP56-BP57	82.14	334°23'33"	154°23'33"
BP24-BP25	77.18	243°24'54"	63°24'54"	BP57-BP58	139.98	11°41'44"	191°41'44"
BP25-BP26	102.64	174°44'2"	197°44'2"	BP58-BP59	96.31	275°42'45"	95°42'45"
BP26-BP27	116.15	17°44'42"	197°44'42"	BP59-BP60	142.75	201°11'15"	21°11'15"
BP27-BP28	91.68	355°43'7"	175°43'7"	BP60-BP61	92.61	261°46'55"	81°46'55"
BP28-BP29	91.05	355°43'7"	175°43'7"	BP61-BP62	85.63	24°33'26"	204°33'26"
BP29-BP30	61.06	280°58'18"	100°58'18"	BP62-BP63	73.82	52°24'12"	232°24'12"
BP30-BP31	61.93	175°47'46"	355°47'46"	BP63-BP64	166.32	13°12'55"	193°12'55"
BP31-BP32	83.61	275°13'17"	95°13'17"	BP64-BP65	22.97	285°58'7"	105°58'7"
BP32-BP33	89.66	275°13'17"	95°13'17"	BP65-BP66	60.33	4°55'38"	184°55'38"
BP33-BP34	24.27	237°38'20"	57°38'20"	BP66-BP67	193.86	44°26'20"	224°26'20"

Table-III (Bajinathpur)							
Plot-wise location and area of CA Land							
Sl.No.	Plot No.	Village	Forest range	Thana No.	District	Net Area (in Ha.)	Perimeter(in Metre)
1	2, 5	Bajinathpur	Khurchuta	337	Bengalad	Giridih	24.44
Total						24.44	6738.54
						26.18	5466.55

Customer

Project

Subject

Central Coalfields Limited

Preparation of Georeferenced Boundary Map of Proposed CA Land (2012.34 Ha) against Forest Land of (1006.17 Ha.) in Kotre Basantpur OCP, CCL

Plan Showing CA Land at Village- Bajinathpur Thana: Bengalad - 337 Forest Range: Khurchuta District: Giridih

Job No.

064319138

Activity

Surveyed / Processed by

Checked by

Approved by

Name

S.Dutta

S.K.Dixit

M.Rastogi

R.Kumar

Designation

Sr.Surveyor(C)

Hd.Surveyor(C)

Ch. Manager(M)

Ch. Manager(C)

GM (Geomatics)

Signature

Date

Scale -

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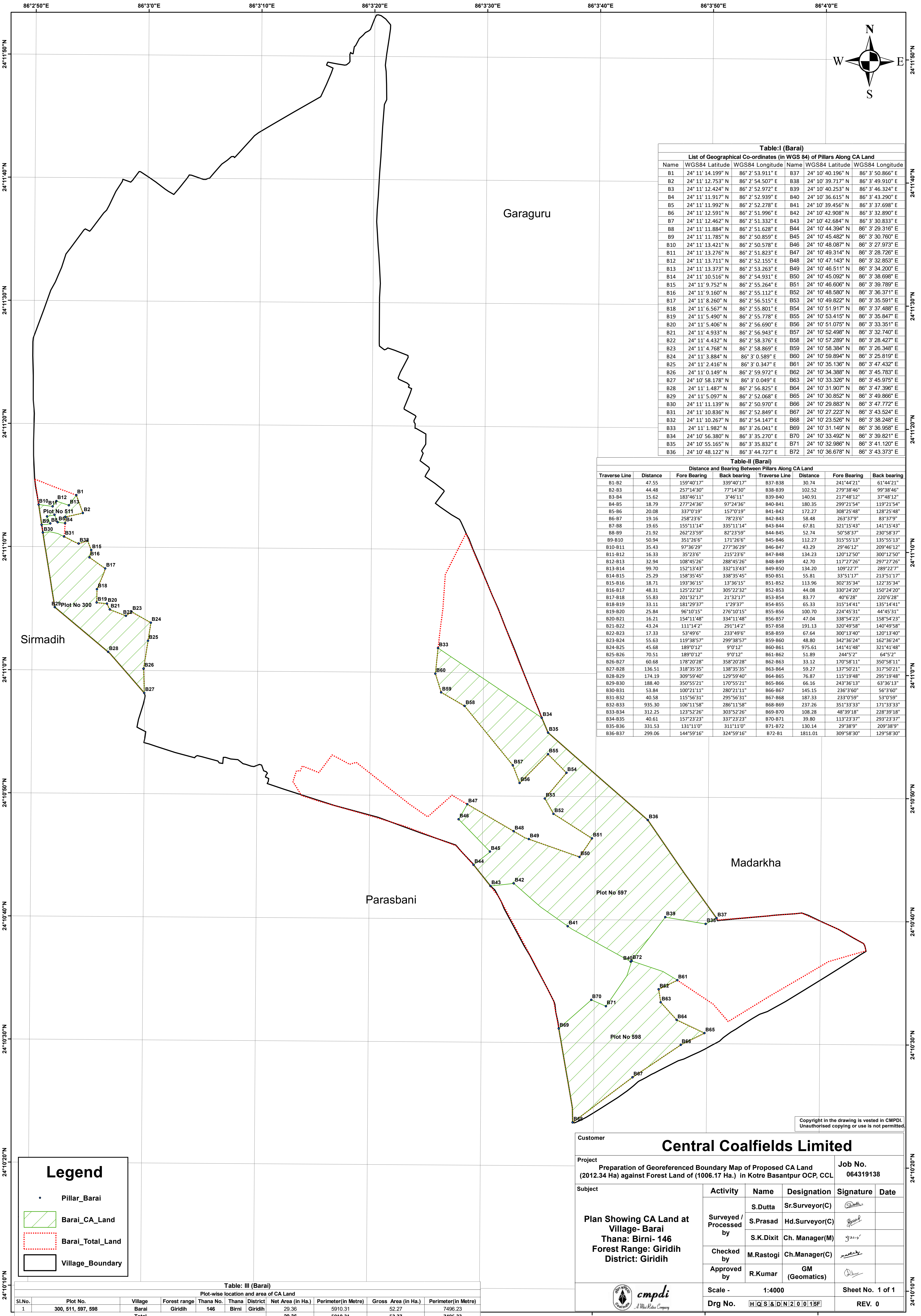
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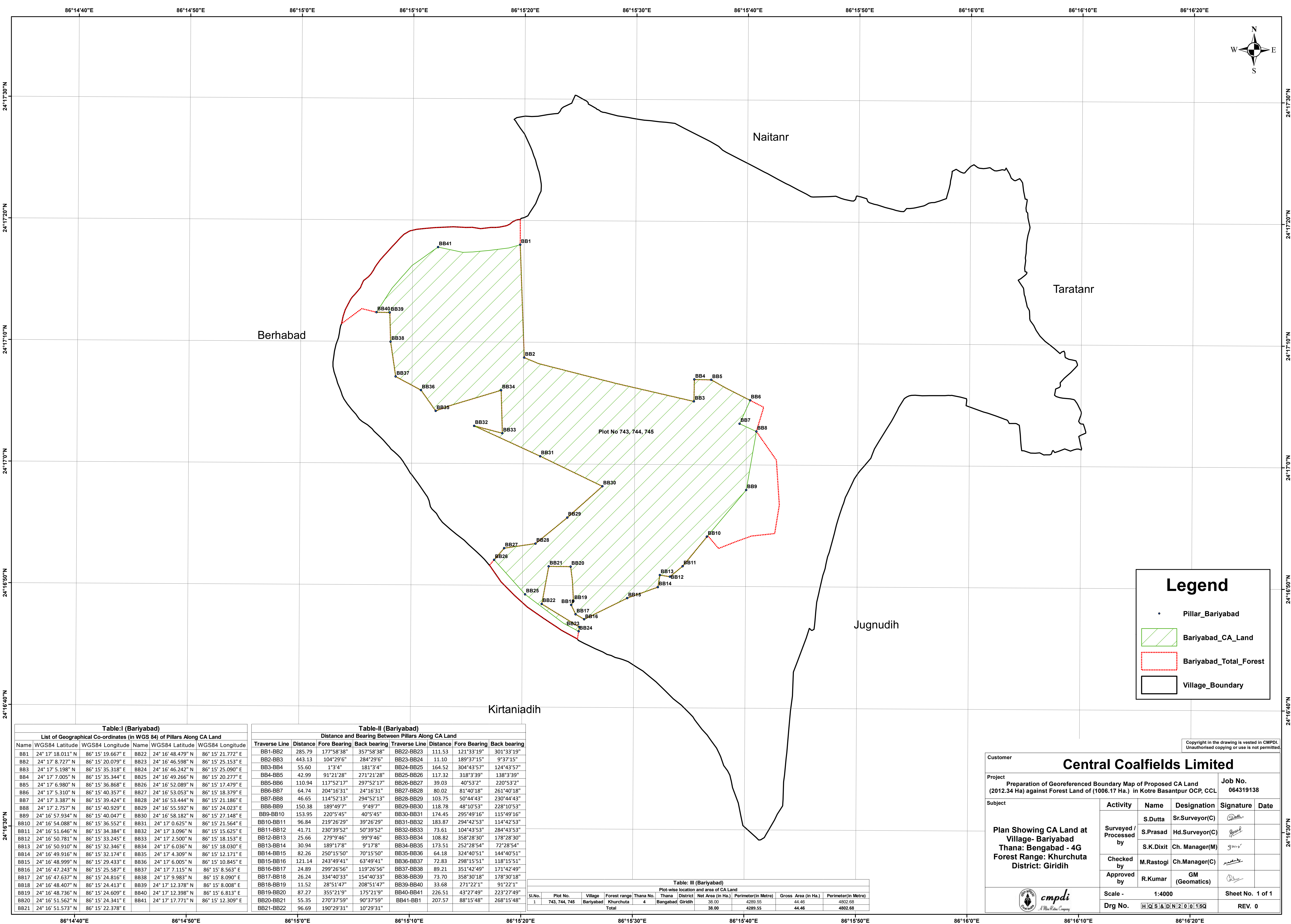
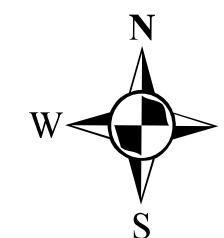
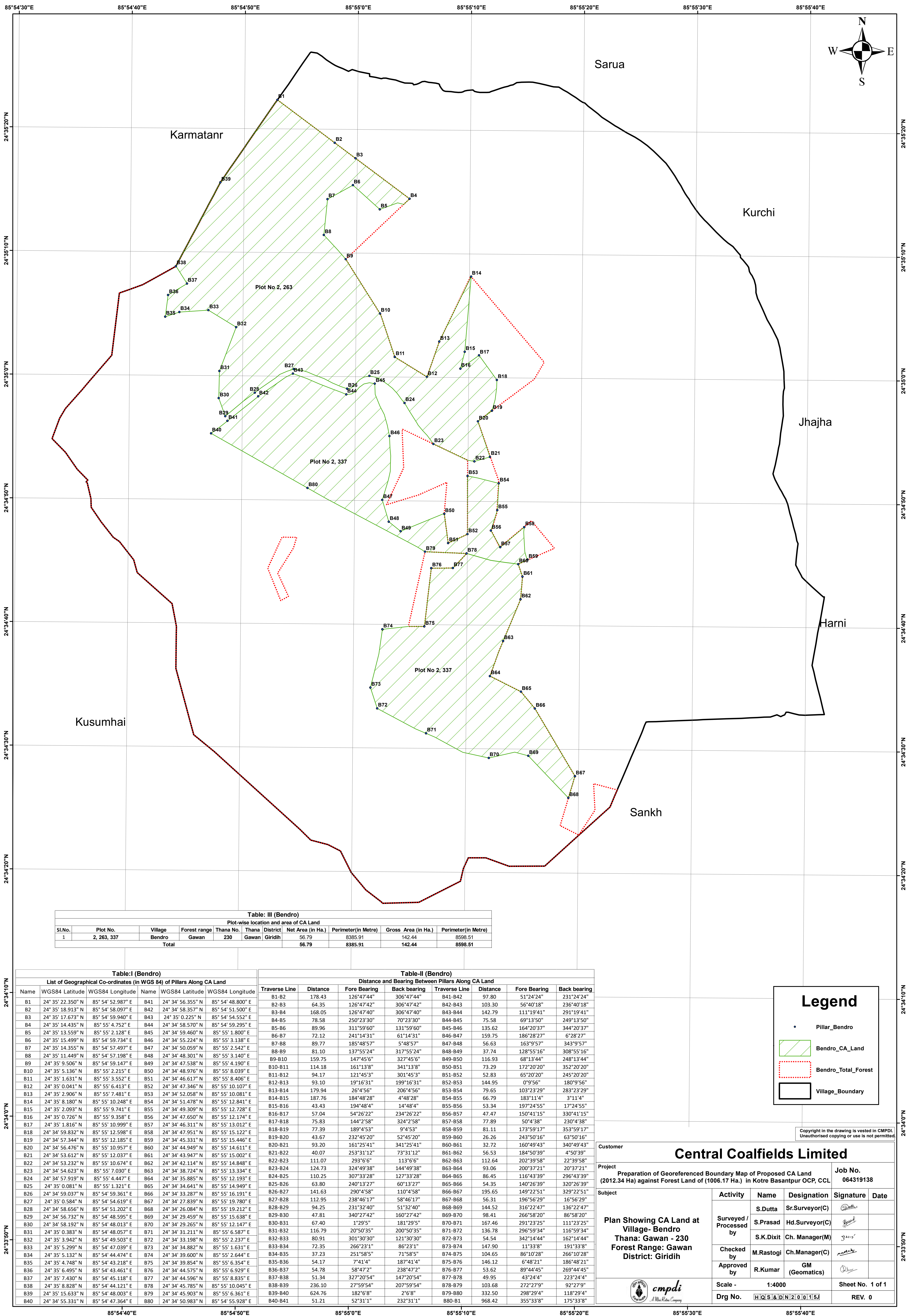


Table-1: (Bariyabad)					
List of Geographical Co-ordinates (in WGS 84) of Pillars Along CA Land					
Name	WGS84 Latitude	WGS84 Longitude	Name	WGS84 Latitude	WGS84 Longitude
BB1	24° 17' 18.011" N	86° 15' 19.667" E	BB22	24° 16' 48.479" N	86° 15' 21.772" E
BB2	24° 17' 8.727" N	86° 15' 20.079" E	BB23	24° 16' 46.598" N	86° 15' 25.153" E
BB3	24° 17' 5.108" N	86° 15' 35.318" E	BB24	24° 16' 46.242" N	86° 15' 25.090" E
BB4	24° 17' 5.005" N	86° 15' 35.344" E	BB25	24° 16' 49.266" N	86° 15' 20.777" E
BB5	24° 17' 6.980" N	86° 15' 36.868" E	BB26	24° 16' 52.089" N	86° 15' 17.479" E
BB6	24° 17' 5.310" N	86° 15' 40.357" E	BB27	24° 16' 53.053" N	86° 15' 18.379" E
BB7	24° 17' 3.387" N	86° 15' 39.244" E	BB28	24° 16' 53.444" N	86° 15' 21.186" E
BB8	24° 17' 2.757" N	86° 15' 40.929" E	BB29	24° 16' 55.529" N	86° 15' 24.023" E
BB9	24° 16' 57.934" N	86° 15' 40.074" E	BB30	24° 16' 58.182" N	86° 15' 27.148" E
BB10	24° 16' 54.088" N	86° 15' 36.552" E	BB31	24° 17' 0.625" N	86° 15' 21.564" E
BB11	24° 16' 51.646" N	86° 15' 34.384" E	BB32	24° 17' 3.096" N	86° 15' 15.625" E
BB12	24° 16' 50.781" N	86° 15' 33.245" E	BB33	24° 17' 2.500" N	86° 15' 18.153" E
BB13	24° 16' 50.910" N	86° 15' 32.346" E	BB34	24° 17' 6.036" N	86° 15' 18.030" E
BB14	24° 16' 49.916" N	86° 15' 32.174" E	BB35	24° 17' 4.309" N	86° 15' 12.171" E
BB15	24° 16' 48.999" N	86° 15' 29.433" E	BB36	24° 17' 6.005" N	86° 15' 10.845" E
BB16	24° 16' 47.243" N	86° 15' 25.587" E	BB37	24° 17' 7.115" N	86° 15' 8.563" E
BB17	24° 16' 47.637" N	86° 15' 24.816" E	BB38	24° 17' 9.983" N	86° 15' 8.090" E
BB18	24° 16' 48.407" N	86° 15' 24.413" E	BB39	24° 17' 12.378" N	86° 15' 8.008" E
BB19	24° 16' 48.736" N	86° 15' 24.609" E	BB40	24° 17' 12.398" N	86° 15' 6.813" E
BB20	24° 16' 51.562" N	86° 15' 24.341" E	BB41	24° 17' 17.771" N	86° 15' 12.309" E
BB21	24° 16' 51.573" N	86° 15' 22.378" E			

Table-II (Bariyabad)							
Distance and Bearing Between Pillars Along CA Land							
Traverse Line	Distance	Fore Bearing	Back bearing	Traverse Line	Distance	Fore Bearing	Back bearing
BB1-BB2	285.79	177°58'38"	357°58'38"	B822-BB23	111.53	121°33'19"	301°33'19"
BB2-BB3	443.13	104°29'6"	284°29'6"	BB23-BB24	11.10	189°37'15"	9°37'15"
BB3-BB4	55.60	1°3'4"	181°3'4"	B824-BB25	164.52	304°43'57"	124°43'57"
BB4-BB5	42.99	91°21'28"	271°21'28"	BB25-BB26	117.32	318°3'39"	138°3'39"
BB5-BB6	110.94	117°52'17"	297°52'17"	B826-BB27	39.03	40°53'2"	220°53'2"
BB6-BB7	64.74	204°16'31"	24°16'31"	B827-BB28	80.02	81°40'18"	261°40'18"
BB7-BB8	46.65	114°52'13"	294°52'13"	B828-BB29	103.75	50°44'43"	304°44'43"
BB8-BB9	150.38	189°49'7"	9°49'7"	B829-BB30	118.78	48°10'53"	228°10'53"
BB9-BB10	153.93	250°25'45"	40°5'45"	B830-BB31	174.45	295°49'16"	115°49'16"
BB10-BB11	96.84	219°26'29"	39°26'29"	B831-BB32	184.78	294°42'53"	114°42'53"
BB11-BB12	41.71	230°39'52"	50°39'52"	B832-BB33	73.61	104°43'53"	284°43'53"
B812-BB13	25.66	279°9'46"	99°9'46"	B833-BB34	108.82	358°28'30"	178°28'30"
B813-BB14	30.94	189°17'8"	9°17'8"	B834-BB35	173.51	252°28'54"	72°28'54"
B814-BB15	82.26	250°15'50"	70°15'50"	B835-BB36	64.18	324°40'51"	144°40'51"
BB15-BB16	121.14	243°49'41"	63°49'41"	B836-BB37	72.83	298°15'51"	118°15'51"
BB16-BB17	24.89	299°26'56"	119°26'56"	B837-BB38	89.21	351°42'49"	171°42'49"
BB17-BB18	26.24	334°40'33"	154°40'33"	B838-BB39	73.70	358°30'18"	178°30'18"
BB18-BB19	11.52	285°51'47"	108°51'47"	B839-BB40	33.68	271°22'11"	91°22'11"
BB19-BB20	87.27	355°21'19"	175°21'19"	B840-BB41	226.51	43°27'49"	223°27'49"
B820-BB21	55.35	270°37'59"	90°37'59"	B841-BB1	207.57	88°15'48"	268°15'48"
B821-B822	96.69	120°29'31"	10°29'31"				

Table: III (Bariyabad)										
Plot-wise location and area of CA Land										
Sl.No.	Plot No.	Village	Forest range	Thana No.	Thana	District	Net Area (in Ha.)	Perimeter(in Metre)	Gross Area (in Ha.)	Perimeter(in Metre)
1	743, 744, 745	Bariyabad	Khurchuta	4	Bangabad	Giridih	38.00	4289.55	44.46	4802.68
			Total				38.00	4289.55	44.46	4802.68

Customer	Central Coalfields Limited				
Project	Preparation of Georeferenced Boundary Map of Proposed CA Land (2012.34 Ha) against Forest Land of (1006.17 Ha.) in Kotre Basantpur OCP, CCL			Job No. 064319138	
Subject	Activity	Name	Designation	Signature	Date
Plan Showing CA Land at Village- Baryabad Thana: Bengabad - 4G Forest Range: Khurchuta District: Giridih	Surveyed / Processed by	S.Dutta	Sr.Surveyor(C)	<i>[Signature]</i>	
		S.Prasad	Hd.Surveyor(C)	<i>[Signature]</i>	
		S.K.Dixit	Ch. Manager(M)	2015	
	Checked by	M.Rastogi	Ch.Manager(C)	<i>[Signature]</i>	
	Approved by	R.Kumar	GM (Geomatics)	<i>[Signature]</i>	
 <i>A Min. Rctra. Company</i>			Scale -	1:4000	Sheet No. 1 of 1
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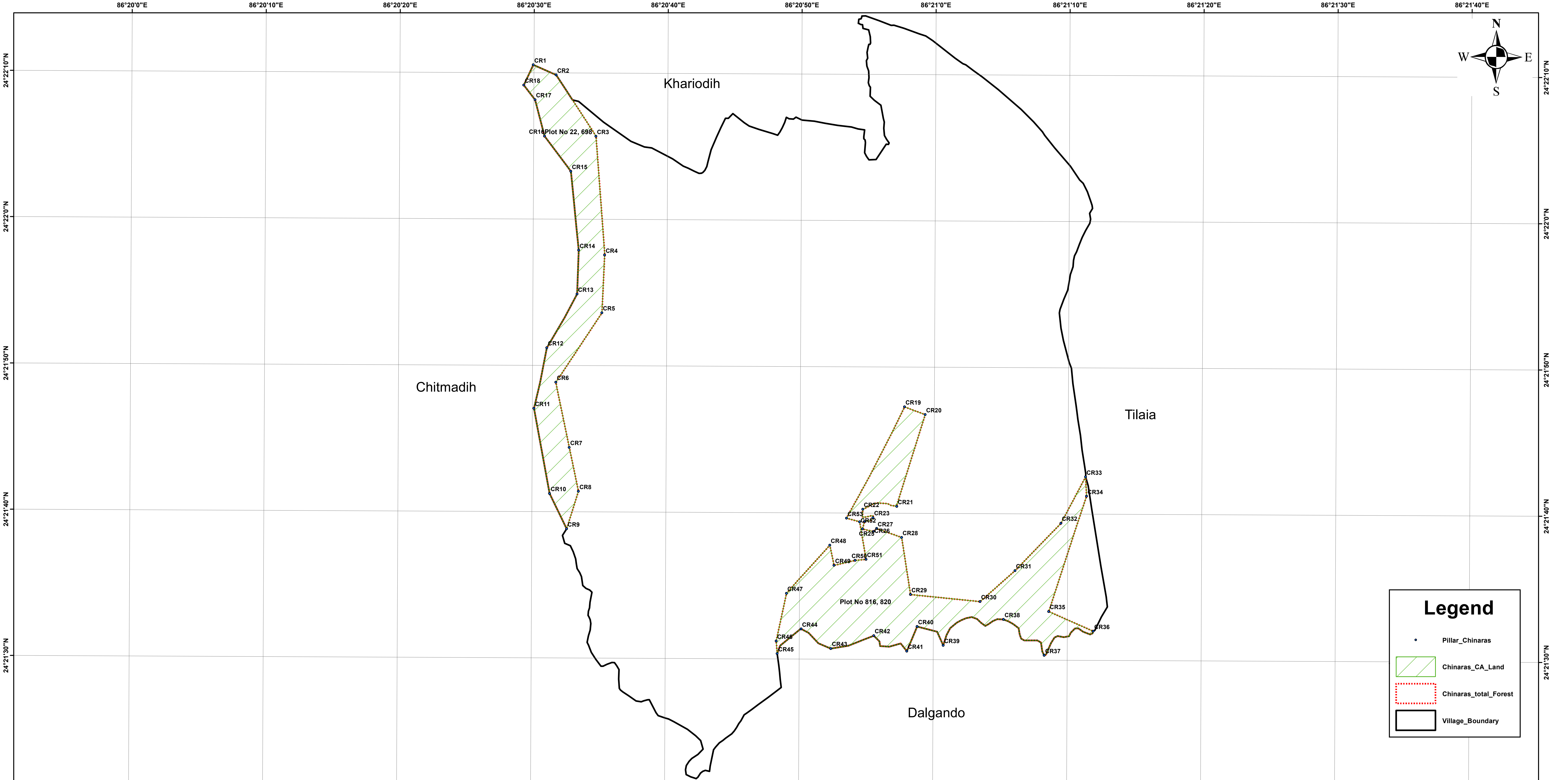


Table-I (Chinaras)					
List of Geographical Co-ordinates (in WGS 84) of Pillars Along CA Land					
Name	WGS84 Latitude	WGS84 Longitude	Name	WGS84 Latitude	WGS84 Longitude
CR1	24° 22' 10.547" N	86° 20' 29.954" E	CR28	24° 21' 38.354" N	86° 20' 57.610" E
CR2	24° 22' 9.867" N	86° 20' 31.658" E	CR29	24° 21' 34.449" N	86° 20' 58.294" E
CR3	24° 22' 5.684" N	86° 20' 34.657" E	CR30	24° 21' 33.988" N	86° 21' 3.486" E
CR4	24° 21' 57.566" N	86° 20' 35.344" E	CR31	24° 21' 36.114" N	86° 21' 6.080" E
CR5	24° 21' 53.615" N	86° 20' 35.164" E	CR32	24° 21' 39.374" N	86° 21' 9.499" E
CR6	24° 21' 48.850" N	86° 20' 31.749" E	CR33	24° 21' 42.551" N	86° 21' 11.316" E
CR7	24° 21' 44.403" N	86° 20' 32.772" E	CR34	24° 21' 41.226" N	86° 21' 11.394" E
CR8	24° 21' 41.402" N	86° 20' 33.473" E	CR35	24° 21' 33.334" N	86° 21' 8.617" E
CR9	24° 21' 38.834" N	86° 20' 32.606" E	CR36	24° 21' 31.999" N	86° 21' 11.943" E
CR10	24° 21' 41.245" N	86° 20' 31.322" E	CR37	24° 21' 30.328" N	86° 21' 8.292" E
CR11	24° 21' 47.059" N	86° 20' 30.124" E	CR38	24° 21' 32.775" N	86° 21' 5.241" E
CR12	24° 21' 51.203" N	86° 20' 31.064" E	CR39	24° 21' 30.982" N	86° 21' 0.754" E
CR13	24° 21' 54.896" N	86° 20' 33.305" E	CR40	24° 21' 32.267" N	86° 20' 58.800" E
CR14	24° 21' 57.894" N	86° 20' 33.405" E	CR41	24° 21' 30.578" N	86° 20' 58.036" E
CR15	24° 22' 3.285" N	86° 20' 32.795" E	CR42	24° 21' 31.626" N	86° 20' 55.565" E
CR16	24° 22' 5.677" N	86° 20' 30.811" E	CR43	24° 21' 30.732" N	86° 20' 52.364" E
CR17	24° 22' 8.168" N	86° 20' 30.093" E	CR44	24° 21' 32.063" N	86° 20' 50.138" E
CR18	24° 22' 9.156" N	86° 20' 29.244" E	CR45	24° 21' 30.369" N	86° 20' 48.364" E
CR19	24° 21' 47.277" N	86° 20' 57.785" E	CR46	24° 21' 31.229" N	86° 20' 48.280" E
CR20	24° 21' 46.760" N	86° 20' 59.325" E	CR47	24° 21' 34.495" N	86° 20' 49.038" E
CR21	24° 21' 40.474" N	86° 20' 57.234" E	CR48	24° 21' 37.796" N	86° 20' 52.251" E
CR22	24° 21' 40.259" N	86° 20' 54.702" E	CR49	24° 21' 36.424" N	86° 20' 52.577" E
CR23	24° 21' 39.699" N	86° 20' 55.469" E	CR50	24° 21' 36.771" N	86° 20' 54.149" E
CR24	24° 21' 39.425" N	86° 20' 54.827" E	CR51	24° 21' 36.842" N	86° 20' 54.961" E
CR25	24° 21' 38.916" N	86° 20' 54.688" E	CR52	24° 21' 39.408" N	86° 20' 54.470" E
CR26	24° 21' 38.748" N	86° 20' 55.506" E	CR53	24° 21' 39.655" N	86° 20' 53.488" E
CR27	24° 21' 38.953" N	86° 20' 55.740" E			

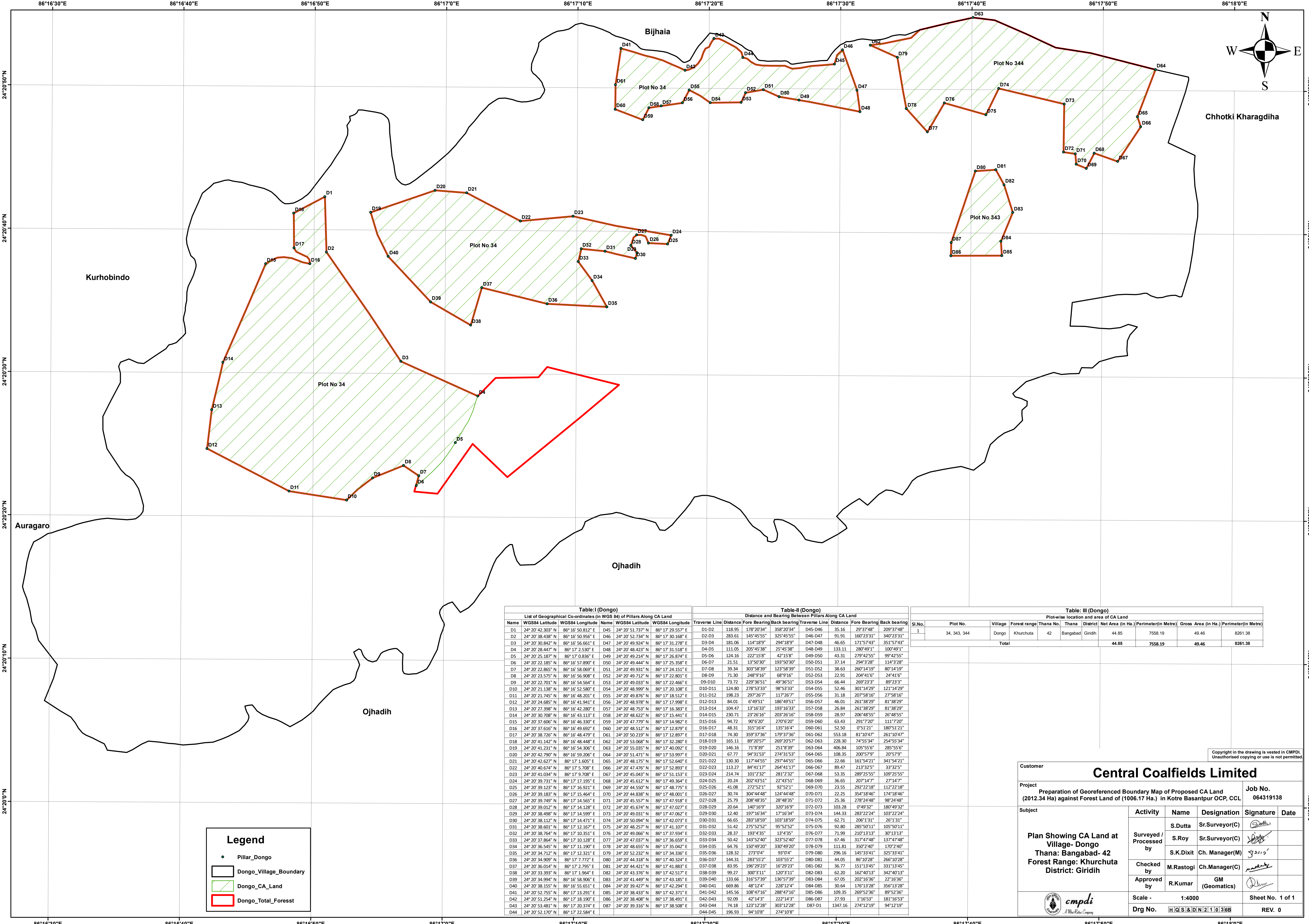
Table-II (Chinaras)							
Distance and Bearing Between Pillars Along CA Land							
Traverse Line	Distance	Fore Bearing	Back bearing	Traverse Line	Distance	Fore Bearing	Back bearing
CR1-CR2	52.38	113°48'33"	293°48'33"	CR28-CR29	121.7	171°9'4"	351°9'4"
CR2-CR3	153.93	146°58'53"	326°58'53"	CR29-CR30	147.0	95°47'42"	275°47'42"
CR3-CR4	250.43	175°50'15"	355°50'15"	CR30-CR31	98.1	48°27'54"	228°27'54"
CR4-CR5	121.61	182°39'42"	2°39'42"	CR31-CR32	139.0	44°6'42"	224°6'42"
CR5-CR6	175.32	213°33'15"	33°33'15"	CR32-CR33	110.3	27°55'38"	207°55'38"
CR6-CR7	139.79	168°22'25"	348°22'25"	CR33-CR34	40.8	177°12'8"	357°12'8"
CR7-CR8	94.39	168°12'4"	348°12'4"	CR34-CR35	255.0	198°8'6"	18°8'6"
CR8-CR9	82.67	197°27'43"	17°27'43"	CR35-CR36	102.3	113°55'57"	293°55'57"
CR9-CR10	82.52	334°15'58"	154°15'58"	CR36-CR37	115.0	243°43'6"	63°43'6"
CR10-CR11	181.96	349°35'12"	169°35'12"	CR37-CR38	114.2	311°28'20"	131°28'20"
CR11-CR12	130.19	12°0'41"	192°0'41"	CR38-CR39	137.9	246°41'59"	66°41'59"
CR12-CR13	129.95	29°20'15"	209°20'15"	CR39-CR40	67.8	305°57'12"	125°57'12"
CR13-CR14	92.25	2°1'6"	182°1'6"	CR40-CR41	56.2	202°45'45"	22°45'45"
CR14-CR15	166.70	354°21'10"	174°21'10"	CR41-CR42	76.7	295°5'39"	115°5'39"
CR15-CR16	92.38	323°2'48"	143°2'48"	CR42-CR43	94.3	253°19'4"	73°19'4"
CR16-CR17	79.25	345°28'51"	165°28'51"	CR43-CR44	74.9	303°23'40"	123°23'40"
CR17-CR18	38.68	322°3'55"	142°3'55"	CR44-CR45	72.2	224°5'39"	44°5'39"
CR18-CR19	1048.55	130°11'42"	310°11'42"	CR45-CR46	26.6	355°8'46"	175°8'46"
CR19-CR20	46.19	110°22'48"	290°22'48"	CR46-CR47	102.7	12°16'5"	192°16'5"
CR20-CR21	202.14	197°12'42"	17°12'42"	CR47-CR48	136.0	41°59'42"	221°59'42"
CR21-CR22	71.63	264°58'57"	84°58'57"	CR48-CR49	43.2	167°58'3"	347°58'3"
CR22-CR23	27.64	128°50'41"	308°50'41"	CR49-CR50	45.6	76°42'22"	256°42'22"
CR23-CR24	19.96	245°18'29"	65°18'29"	CR50-CR51	23.0	84°50'21"	264°50'21"
CR24-CR25	16.14	194°17'29"	14°17'29"	CR51-CR52	80.1	350°19'43"	170°19'43"
CR25-CR26	23.62	102°50'26"	282°50'26"	CR52-CR53	28.7	285°36'29"	105°36'29"
CR26-CR27	9.11	46°33'55"	226°33'55"	CR53-CR1	1158.6	325°21'42"	145°21'42"
CR27-CR28	55.82	109°32'5"	289°32'5"				

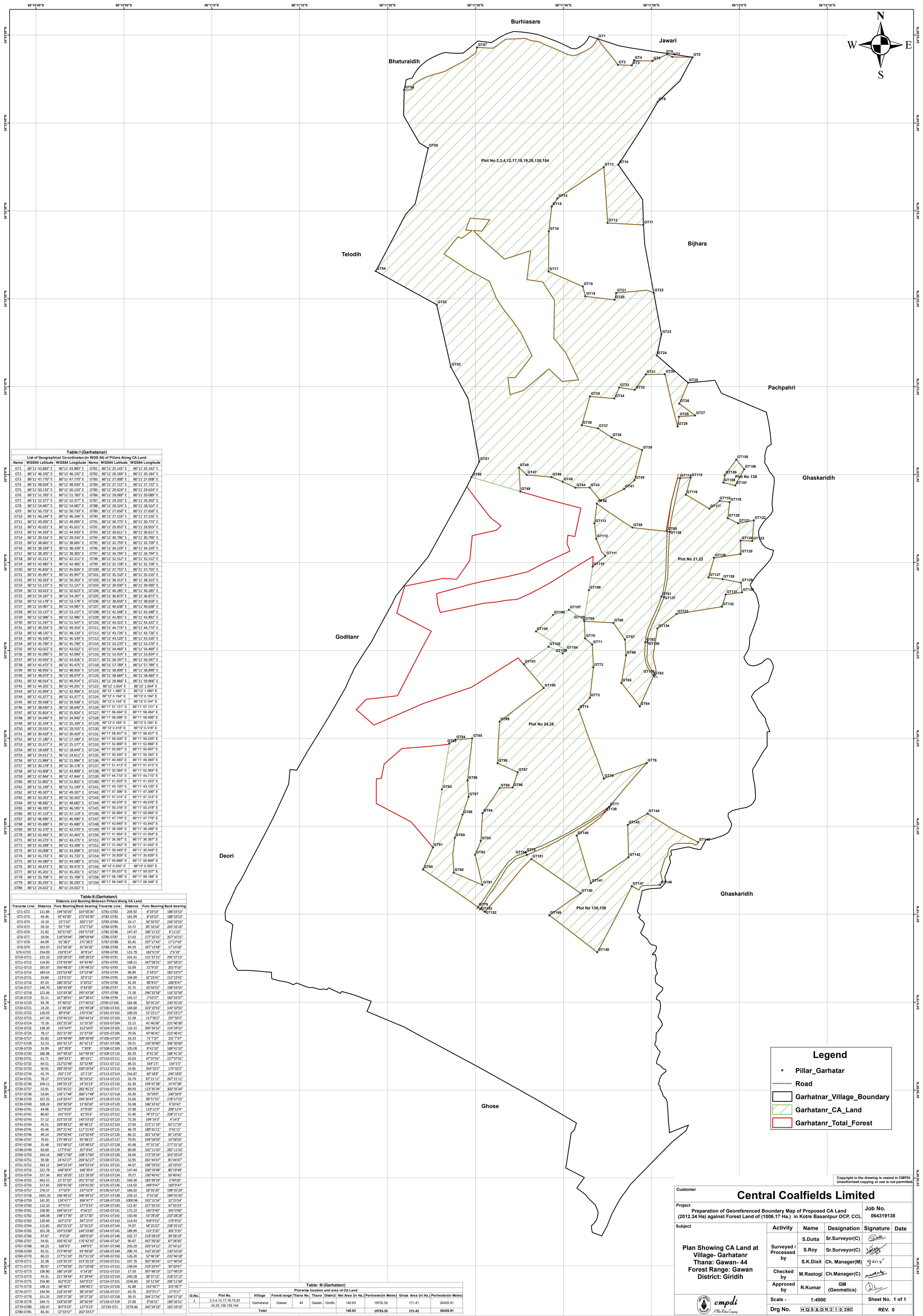
Table: III (Chinaras)									
Plot-wise location and area of CA Land									
Sl.No.	Plot No.	Village	Forest range	Thana No.	Thana	District	Net Area (in Ha.)	Perimeter(in Metre)	Gross Area (in Ha.)
1	22, 698, 816, 820,	Chinaras	Khurchuta	117	Bengabad	Giridih	16.00	5278.88	16.00
	Total						16.00	5278.88	16.00

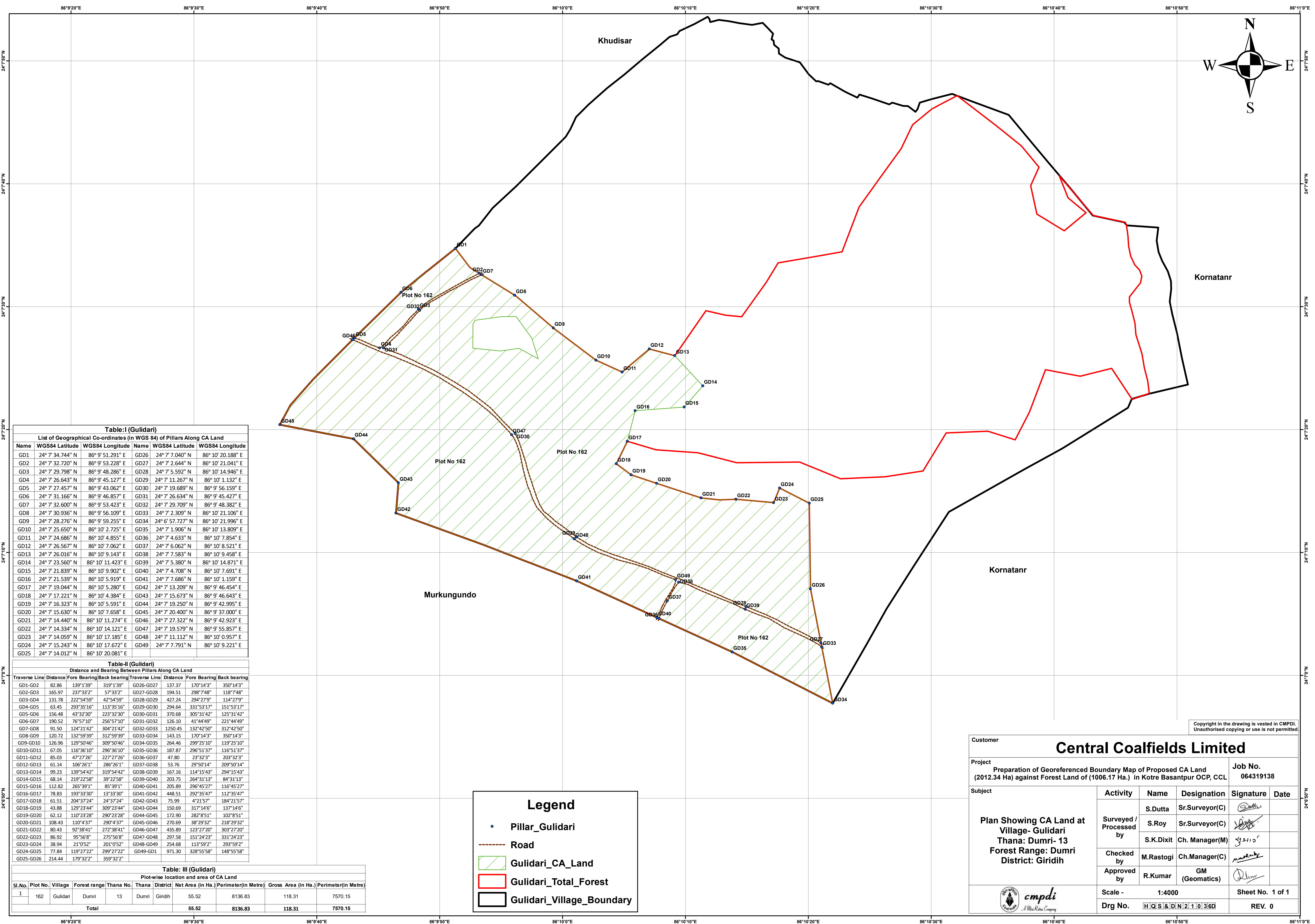
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Customer					
Central Coalfields Limited					
Project					Job No.
Preparation of Georeferenced Boundary Map of Proposed CA Land (2012.34 Ha) against Forest Land of (1006.17 Ha.) in Kotre Basantpur OCP, CCL					064319138
Subject					
Plan Showing CA Land at Village- Chinaras Thana: Bengabad - 117 Forest Range: Khurchuta District: Giridih	Activity	Name	Designation	Signature	Date
	Surveyed / Processed by	S.Dutta	Sr.Surveyor(C)		
		S.Prasad	Hd.Surveyor(C)		
		S.K.Dixit	Ch. Manager(M)		
Checked by	M.Rastogi	Ch.Manager(C)			
Approved by	R.Kumar	GM (Geomatics)			
Scale - 1:4000					Sheet No. 1 of 1
Drg No. H.Q.S.&D.N.2.0.0.1.50					REV. 0









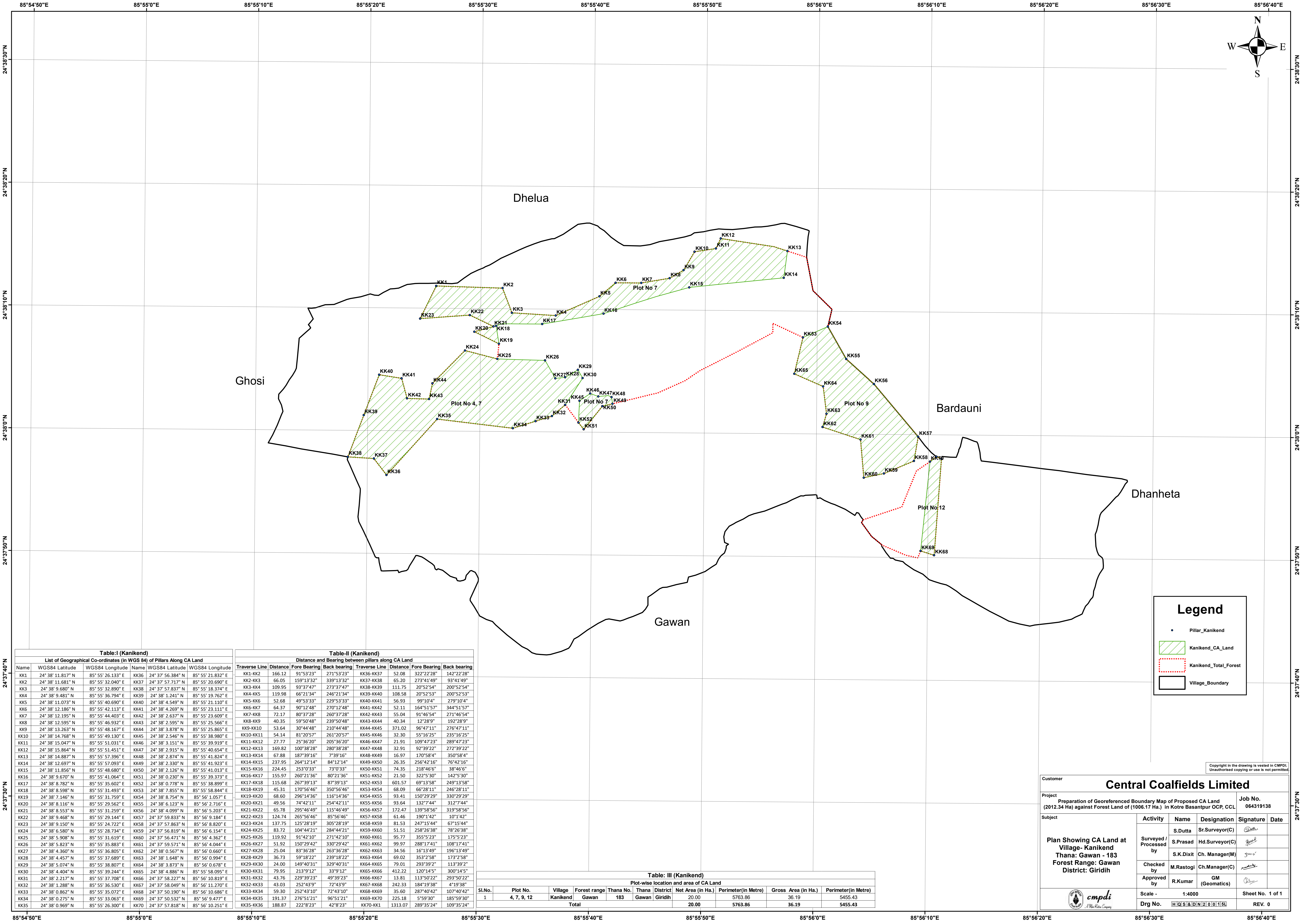


Table-I (Kanikend)				
List of Geographical Co-ordinates (in WGS 84) of Pillars Along CA Land				
Name	WGS84 Latitude	WGS84 Longitude	Name	WGS84 Latitude
KK1	24° 38' 11.817" N	85° 55' 26.133" E	KK36	24° 37' 56.384" N
KK2	24° 38' 11.681" N	85° 55' 32.040" E	KK37	24° 37' 57.717" N
KK3	24° 38' 9.680" N	85° 55' 32.890" E	KK38	24° 37' 57.837" N
KK4	24° 38' 9.481" N	85° 55' 36.794" E	KK39	24° 38' 1.241" N
KK5	24° 38' 11.073" N	85° 55' 40.690" E	KK40	24° 38' 4.549" N
KK6	24° 38' 12.186" N	85° 55' 42.113" E	KK41	24° 38' 4.269" N
KK7	24° 38' 12.195" N	85° 55' 44.403" E	KK42	24° 38' 2.637" N
KK8	24° 38' 12.595" N	85° 55' 46.932" E	KK43	24° 38' 2.595" N
KK9	24° 38' 13.263" N	85° 55' 48.167" E	KK44	24° 38' 3.878" N
KK10	24° 38' 14.768" N	85° 55' 49.130" E	KK45	24° 38' 2.546" N
KK11	24° 38' 15.047" N	85° 55' 51.031" E	KK46	24° 38' 3.151" N
KK12	24° 38' 15.864" N	85° 55' 51.451" E	KK47	24° 38' 2.915" N
KK13	24° 38' 14.887" N	85° 55' 57.396" E	KK48	24° 38' 2.874" N
KK14	24° 38' 12.697" N	85° 55' 57.093" E	KK49	24° 38' 2.330" N
KK15	24° 38' 11.856" N	85° 55' 48.680" E	KK50	24° 38' 2.126" N
KK16	24° 38' 9.670" N	85° 55' 41.064" E	KK51	24° 38' 0.230" N
KK17	24° 38' 8.782" N	85° 55' 35.602" E	KK52	24° 38' 0.778" N
KK18	24° 38' 8.598" N	85° 55' 31.493" E	KK53	24° 38' 7.855" N
KK19	24° 38' 7.146" N	85° 55' 31.759" E	KK54	24° 38' 8.754" N
KK20	24° 38' 8.116" N	85° 55' 29.562" E	KK55	24° 38' 6.123" N
KK21	24° 38' 8.553" N	85° 55' 31.259" E	KK56	24° 38' 4.099" N
KK22	24° 38' 9.468" N	85° 55' 29.144" E	KK57	24° 37' 59.833" N
KK23	24° 38' 9.150" N	85° 55' 24.722" E	KK58	24° 37' 57.863" N
KK24	24° 38' 6.580" N	85° 55' 28.734" E	KK59	24° 37' 56.819" N
KK25	24° 38' 5.908" N	85° 55' 31.619" E	KK60	24° 37' 56.471" N
KK26	24° 38' 5.823" N	85° 55' 35.883" E	KK61	24° 37' 59.571" N
KK27	24° 38' 4.360" N	85° 55' 36.805" E	KK62	24° 38' 0.567" N
KK28	24° 38' 4.457" N	85° 55' 37.689" E	KK63	24° 38' 1.648" N
KK29	24° 38' 5.074" N	85° 55' 38.807" E	KK64	24° 38' 3.873" N
KK30	24° 38' 4.204" N	85° 55' 39.244" E	KK65	24° 38' 4.886" N
KK31	24° 38' 2.217" N	85° 55' 37.708" E	KK66	24° 37' 58.227" N
KK32	24° 38' 1.288" N	85° 55' 36.530" E	KK67	24° 37' 58.049" N
KK33	24° 38' 0.862" N	85° 55' 35.072" E	KK68	24° 37' 50.100" N
KK34	24° 38' 0.275" N	85° 55' 33.063" E	KK69	24° 37' 50.532" N
KK35	24° 38' 0.969" N	85° 55' 26.300" E	KK70	24° 37' 57.818" N

Table-II (Kanikend)							
Distance and Bearing between pillars along CA Land							
Traverse Line	Distance	Fore Bearing	Back bearing	Traverse Line	Distance	Fore Bearing	Back bearing
KK1-KK2	166.12	91°53'23"	271°53'23"	KK36-KK37	52.08	322°22'28"	142°22'28"
KK2-KK3	66.05	159°13'32"	339°13'32"	KK37-KK38	65.20	273°41'49"	93°41'49"
KK3-KK4	109.95	93°37'47"	273°37'47"	KK38-KK39	111.75	20°52'54"	200°52'54"
KK4-KK5	119.98	66°21'34"	246°21'34"	KK39-KK40	108.58	20°52'53"	200°52'53"
KK5-KK6	52.68	49°53'33"	229°53'33"	KK40-KK41	56.93	99°10'4"	279°10'4"
KK6-KK7	64.37	90°12'48"	270°12'48"	KK41-KK42	52.11	164°51'57"	344°51'57"
KK7-KK8	72.17	80°37'28"	260°37'28"	KK42-KK43	55.04	91°46'54"	271°46'54"
KK8-KK9	40.35	59°50'48"	239°50'48"	KK43-KK44	40.34	12°28'9"	192°28'9"
KK9-KK10	53.64	30°44'48"	210°44'48"	KK44-KK45	371.02	96°47'11"	276°47'11"
KK10-KK11	54.14	81°20'57"	261°20'57"	KK45-KK46	32.30	55°16'25"	235°16'25"
KK11-KK12	27.77	25°36'20"	205°36'20"	KK46-KK47	21.91	109°47'23"	289°47'23"
KK12-KK13	169.82	100°38'28"	280°38'28"	KK47-KK48	32.91	92°39'22"	272°39'22"
KK13-KK14	67.88	187°39'16"	7°39'16"	KK48-KK49	16.97	170°58'4"	350°58'4"
KK14-KK15	237.95	264°12'14"	84°12'14"	KK49-KK50	26.35	256°42'16"	76°42'16"
KK15-KK16	224.45	253°03'3"	73°03'3"	KK50-KK51	74.35	218°46'6"	38°46'6"
KK16-KK17	155.97	260°21'36"	80°21'36"	KK51-KK52	21.50	322°5'30"	142°5'30"
KK17-KK18	115.68	267°39'13"	87°39'13"	KK52-KK53	601.57	69°13'58"	249°13'58"
KK18-KK19	45.31	170°56'46"	350°56'46"	KK53-KK54	68.09	66°28'11"	246°28'11"
KK19-KK20	68.60	296°14'36"	116°14'36"	KK54-KK55	93.41	150°29'29"	330°29'29"
KK20-KK21	49.56	74°42'11"	254°42'11"	KK55-KK56	93.64	132°7'44"	312°7'44"
KK21-KK22	65.78	295°46'49"	115°46'49"	KK56-KK57	172.47	139°58'56"	319°58'56"
KK22-KK23	124.74	265°56'46"	85°56'46"	KK57-KK58	61.46	190°1'42"	10°1'42"
KK23-KK24	137.75	125°28'19"	305°28'19"	KK58-KK59	81.53	247°15'44"	67°15'44"
KK24-KK25	83.72	104°44'21"	284°44'21"	KK59-KK60	51.51	258°26'38"	78°26'38"
KK25-KK26	119.92	91°42'10"	271°42'10"	KK60-KK61	95.77	355°5'23"	175°5'23"
KK26-KK27	51.92	150°29'42"	330°29'42"	KK61-KK62	99.97	288°17'41"	108°17'41"
KK27-KK28	25.04	83°36'28"	263°36'28"	KK62-KK63	34.56	16°13'49"	196°13'49"
KK28-KK29	36.73	59°18'22"	239°18'22"	KK63-KK64	69.02	353°2'58"	173°2'58"
KK29-KK30	24.00	149°40'31"	329°40'31"	KK64-KK65	79.01	293°39'2"	113°39'2"
KK30-KK31	79.95	213°9'12"	33°9'12"	KK65-KK66	412.22	120°14'5"	300°14'5"
KK31-KK32	43.76	229°39'23"	49°39'23"	KK66-KK67	13.81	113°50'22"	293°50'22"
KK32-KK33	43.03	252°43'9"	72°43'9"	KK67-KK68	242.33	184°19'38"	419°19'38"
KK33-KK34	59.30	252°43'10"	72°43'10"	KK68-KK69	35.60	287°40'42"	107°40'42"
KK34-KK35	191.37	276°51'21"	96°51'21"	KK69-KK70	225.18	5°59'30"	185°59'30"
KK35-KK36	188.87	222°8'23"	42°8'23"	KK70-KK1	1313.07	289°35'24"	109°35'24"

Table: III (Kanikend)									
Plot-wise location and area of CA Land									
Sl.No.	Plot No.	Village	Forest range	Thana No.	Thana /District	Net Area (in Ha.)	Perimeter(in Metre)	Gross Area (in Ha.)	Perimeter(in Metre)
1	4, 7, 9, 12	Kanikend	Gawan	183	Gawan Girdih	20.00	5763.86	36.19	5455.43
Total						20.00	5763.86	36.19	5455.43

Customer

Central Coalfields Limited

Project

Preparation of Georeferenced Boundary Map of Proposed CA Land (2012.34 Ha) against Forest Land of (1006.17 Ha.) in Kotre Basantpur OCP, CCL

Job No.

064319138

Subject

Plan Showing CA Land at Village- Kanikend Thana- Gawan - 183 Forest Range: Gawan District: Girdih

Activity

Surveyed / Processed by

Name

S.Dutta

Designation

Sr.Surveyor(C)

Signature

Date

Checked by

M.Rastogi

Designation

Ch.Manager(C)

Signature

Approved by

R.Kumar

Designation

GM (Geomatics)

Signature

Scale -

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Sheet No.

1 of 1

Drg No.

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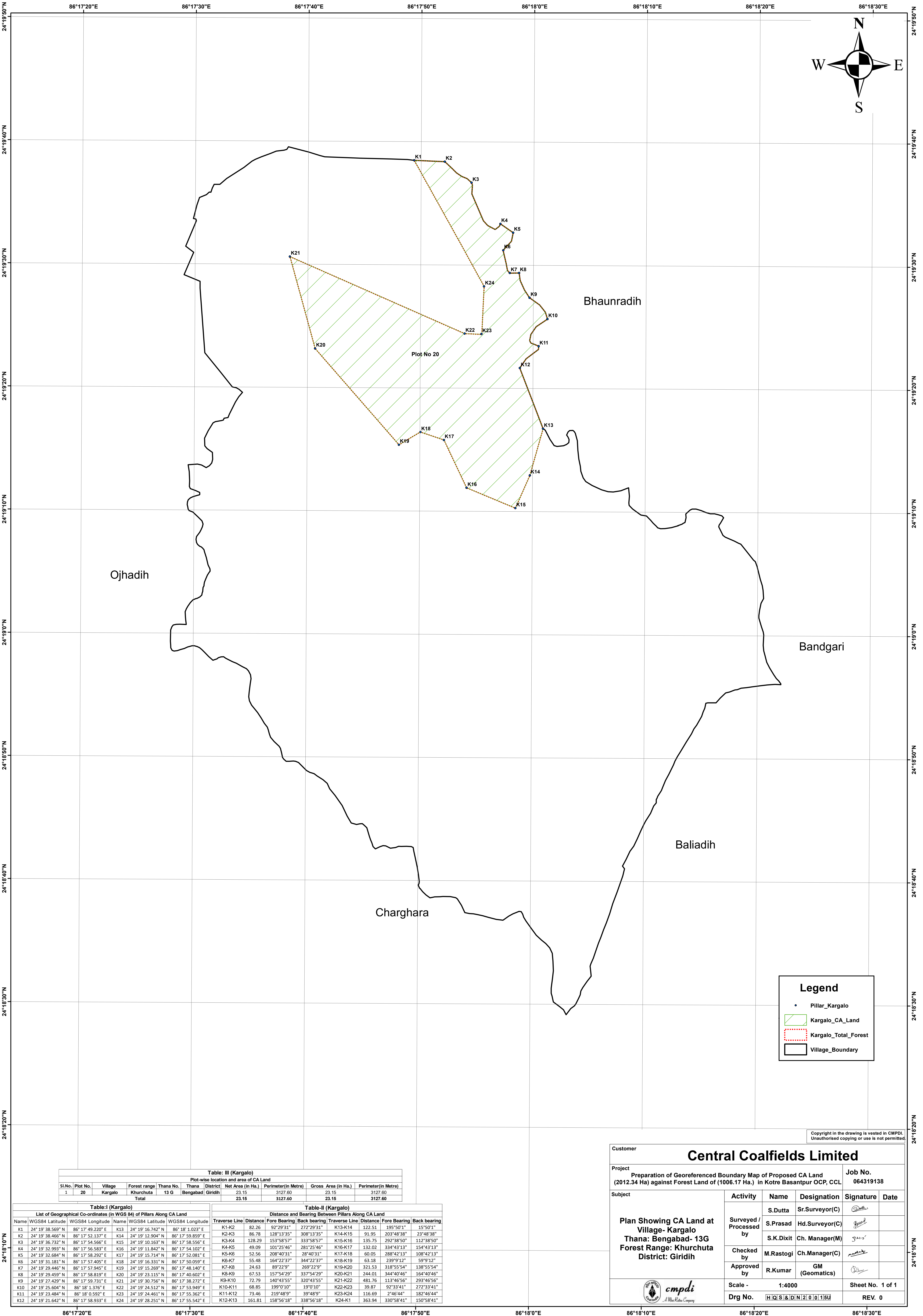


Table: III (Kargalo)								
Plot-wise location and area of CA Land								
Sl.No.	Plot No.	Village	Forest range	Thana No.	Thana	District	Net Area (in Ha.)	Perimeter(in Metre)
1	20	Kargalo	Khurchuta	13 G	Bengabad	Girdih	23.15	3127.60
Total							23.15	3127.60

Table-I (Kargalo)				Table-II (Kargalo)			
List of Geographical Co-ordinates (in WGS 84) of Pillars Along CA Land				Distance and Bearing Between Pillars Along CA Land			
Name	WGS84 Latitude	WGS84 Longitude		Traverse Line	Distance	Fore Bearing	Back bearing
K1	24° 19' 38.569" N	86° 17' 49.220" E	K13	24° 19' 16.742" N	86° 18' 1.023" E		
K2	24° 19' 38.466" N	86° 17' 52.137" E	K14	24° 19' 12.904" N	86° 17' 59.859" E		
K3	24° 19' 36.732" N	86° 17' 54.566" E	K15	24° 19' 10.163" N	86° 17' 58.556" E		
K4	24° 19' 32.993" N	86° 17' 56.583" E	K16	24° 19' 11.842" N	86° 17' 54.102" E		
K5	24° 19' 31.181" N	86° 17' 57.405" E	K17	24° 19' 15.331" N	86° 17' 50.059" E		
K6	24° 19' 29.446" N	86° 17' 57.945" E	K18	24° 19' 15.269" N	86° 17' 48.140" E		
K7	24° 19' 29.459" N	86° 17' 58.819" E	K19	24° 19' 23.115" N	86° 17' 40.602" E		
K8	24° 19' 27.429" N	86° 17' 59.731" E	K20	24° 19' 30.756" N	86° 17' 38.272" E		
K9	24° 19' 25.604" N	86° 18' 1.276" E	K21	24° 19' 24.512" N	86° 17' 53.949" E		
K10	24° 19' 23.484" N	86° 18' 0.592" E	K22	24° 19' 24.461" N	86° 17' 55.362" E		
K11	24° 19' 21.642" N	86° 17' 58.933" E	K23	24° 19' 28.251" N	86° 17' 55.542" E		
K12			K24				

Customer

Central Coalfields Limited

Project

Preparation of Georeferenced Boundary Map of Proposed CA Land (2012.34 Ha) against Forest Land of (1006.17 Ha.) in Kotre Basantpur OCP, CCL

Job No.
064319138

Subject

Plan Showing CA Land at Village- Kargalo Thana: Bengabad- 13G Forest Range: Khurchuta District: Girdih

Activity

Surveyed / Processed by

S.Dutta

S.Prasad

S.K.Dixit

Checked by

M.Rastogi

Approved by

R.Kumar

Name

Sr.Surveyor(C)

Hd.Surveyor(C)

Ch. Manager(M)

Ch.Manager(C)

GM (Geomatics)

Designation

Sr.Surveyor(C)

Hd.Surveyor(C)

Ch. Manager(M)

Ch.Manager(C)

GM (Geomatics)

Signature

Date

Scale -

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Sheet No. 1 of 1

Drg No.

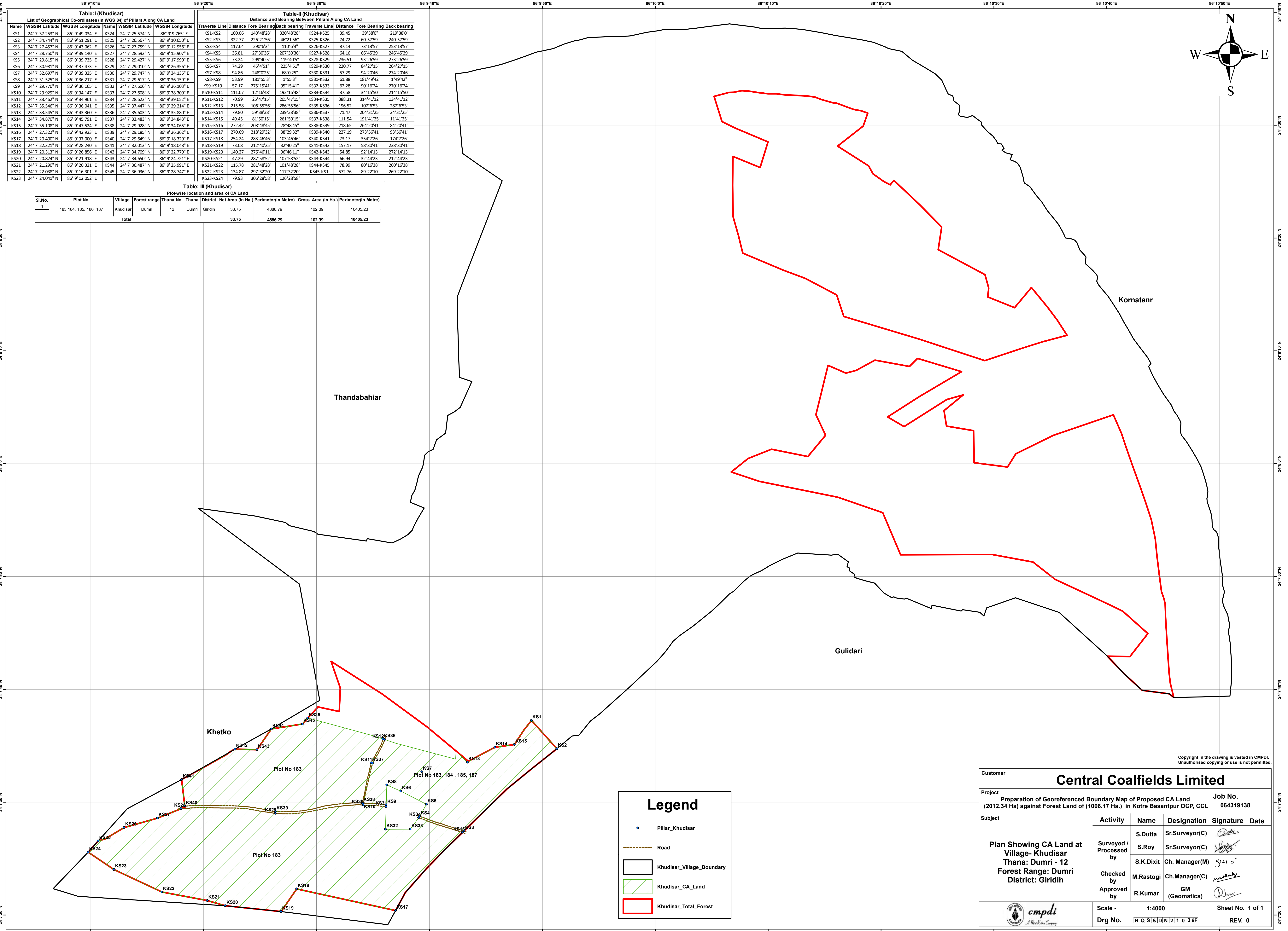
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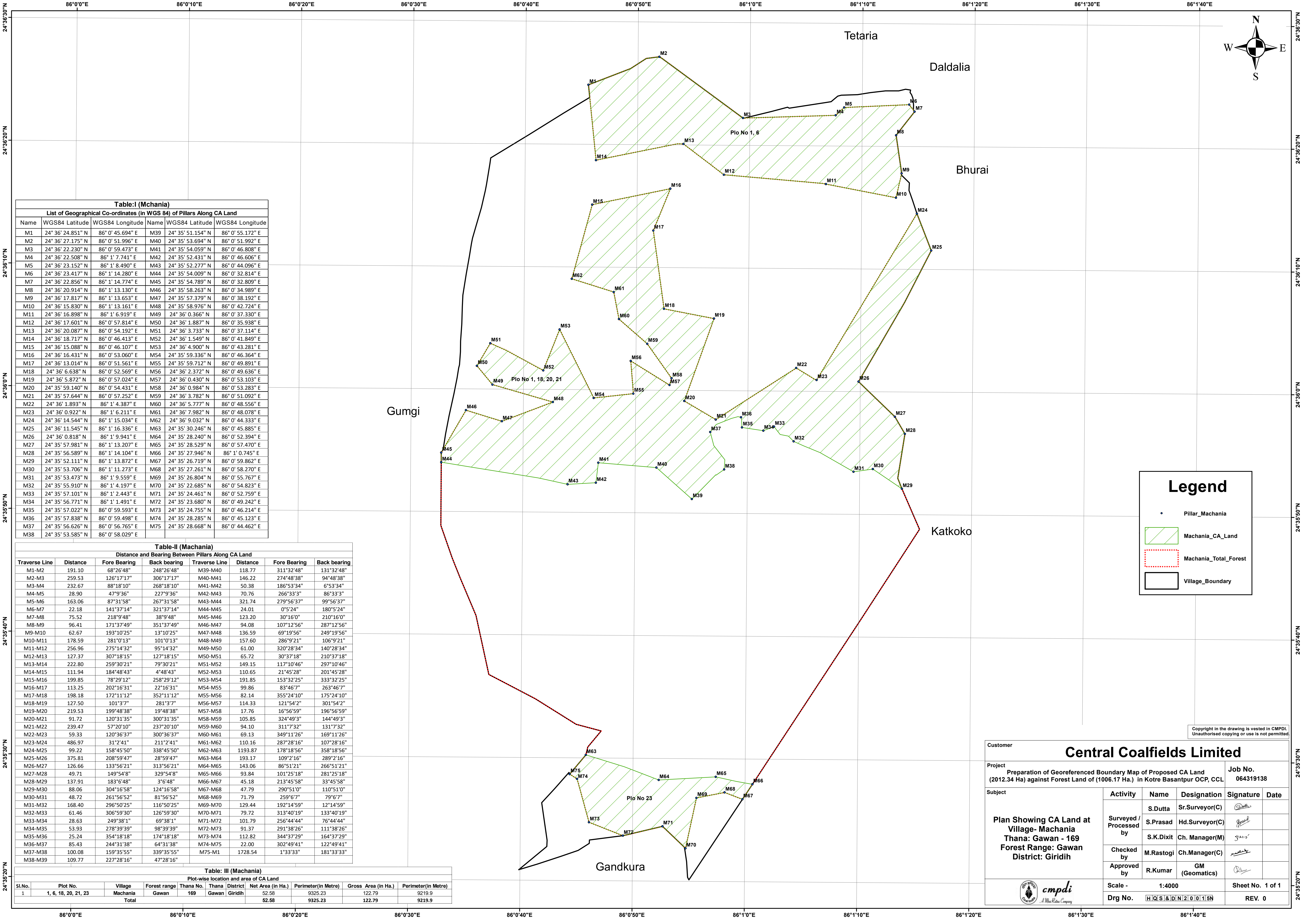


Table:I (Mchania)					
List of Geographical Co-ordinates (in WGS 84) of Pillars Along CA Land					
Name	WGS84 Latitude	WGS84 Longitude	Name	WGS84 Latitude	WGS84 Longitude
M1	24° 36' 24.851" N	86° 0' 45.694" E	M39	24° 35' 51.154" N	86° 0' 55.172" E
M2	24° 36' 27.175" N	86° 0' 51.996" E	M40	24° 35' 53.694" N	86° 0' 51.992" E
M3	24° 36' 22.230" N	86° 0' 59.473" E	M41	24° 35' 54.059" N	86° 0' 46.808" E
M4	24° 36' 22.508" N	86° 1' 7.741" E	M42	24° 35' 52.431" N	86° 0' 46.606" E
M5	24° 36' 23.152" N	86° 1' 8.490" E	M43	24° 35' 52.277" N	86° 0' 44.096" E
M6	24° 36' 23.417" N	86° 1' 14.280" E	M44	24° 35' 54.009" N	86° 0' 32.814" E
M7	24° 36' 22.856" N	86° 1' 14.774" E	M45	24° 35' 54.789" N	86° 0' 32.809" E
M8	24° 36' 20.914" N	86° 1' 13.130" E	M46	24° 35' 58.263" N	86° 0' 34.989" E
M9	24° 36' 17.817" N	86° 1' 13.653" E	M47	24° 35' 57.379" N	86° 0' 38.192" E
M10	24° 36' 15.830" N	86° 1' 13.161" E	M48	24° 35' 58.976" N	86° 0' 42.724" E
M11	24° 36' 16.898" N	86° 1' 6.919" E	M49	24° 36' 0.366" N	86° 0' 37.330" E
M12	24° 36' 17.601" N	86° 0' 57.814" E	M50	24° 36' 1.887" N	86° 0' 35.938" E
M13	24° 36' 20.087" N	86° 0' 54.192" E	M51	24° 36' 3.733" N	86° 0' 37.114" E
M14	24° 36' 18.717" N	86° 0' 46.413" E	M52	24° 36' 1.549" N	86° 0' 41.849" E
M15	24° 36' 15.088" N	86° 0' 46.107" E	M53	24° 36' 4.900" N	86° 0' 43.281" E
M16	24° 36' 16.431" N	86° 0' 53.060" E	M54	24° 35' 59.336" N	86° 0' 46.364" E
M17	24° 36' 13.014" N	86° 0' 51.561" E	M55	24° 35' 59.712" N	86° 0' 49.891" E
M18	24° 36' 6.638" N	86° 0' 52.569" E	M56	24° 36' 2.372" N	86° 0' 49.636" E
M19	24° 36' 5.872" N	86° 0' 57.024" E	M57	24° 36' 0.430" N	86° 0' 53.103" E
M20	24° 35' 59.140" N	86° 0' 54.431" E	M58	24° 36' 0.984" N	86° 0' 53.283" E
M21	24° 35' 57.644" N	86° 0' 57.252" E	M59	24° 36' 3.782" N	86° 0' 51.092" E
M22	24° 36' 1.893" N	86° 1' 4.387" E	M60	24° 36' 5.777" N	86° 0' 48.556" E
M23	24° 36' 0.922" N	86° 1' 6.211" E	M61	24° 36' 7.982" N	86° 0' 48.078" E
M24	24° 36' 14.544" N	86° 1' 15.034" E	M62	24° 36' 9.032" N	86° 0' 44.333" E
M25	24° 36' 11.545" N	86° 1' 16.336" E	M63	24° 35' 30.246" N	86° 0' 45.885" E
M26	24° 36' 0.818" N	86° 1' 9.941" E	M64	24° 35' 28.240" N	86° 0' 52.394" E
M27	24° 35' 57.981" N	86° 1' 13.207" E	M65	24° 35' 28.529" N	86° 0' 57.470" E
M28	24° 35' 56.589" N	86° 1' 14.104" E	M66	24° 35' 27.946" N	86° 1' 0.745" E
M29	24° 35' 52.111" N	86° 1' 13.872" E	M67	24° 35' 26.719" N	86° 0' 59.862" E
M30	24° 35' 53.706" N	86° 1' 11.273" E	M68	24° 35' 27.261" N	86° 0' 58.270" E
M31	24° 35' 53.473" N	86° 1' 9.559" E	M69	24° 35' 26.804" N	86° 0' 55.767" E
M32	24° 35' 55.910" N	86° 1' 4.197" E	M70	24° 35' 22.685" N	86° 0' 54.823" E
M33	24° 35' 57.101" N	86° 1' 2.443" E	M71	24° 35' 24.461" N	86° 0' 52.759" E
M34	24° 35' 56.771" N	86° 1' 1.491" E	M72	24° 35' 23.680" N	86° 0' 49.242" E
M35	24° 35' 57.022" N	86° 0' 59.593" E	M73	24° 35' 24.755" N	86° 0' 46.214" E
M36	24° 35' 57.838" N	86° 0' 59.498" E	M74	24° 35' 28.285" N	86° 0' 45.123" E
M37	24° 35' 56.626" N	86° 0' 56.765" E	M75	24° 35' 28.668" N	86° 0' 44.462" E
M38	24° 35' 53.585" N	86° 0' 58.029" E			

Table-II (Machania)							
Distance and Bearing Between Pillars Along CA Land							
Traverse Line	Distance	Fore Bearing	Back bearing	Traverse Line	Distance	Fore Bearing	Back bearing
M1-M2	191.10	68°26'48"	248°26'48"	M39-M40	118.77	311°32'48"	131°32'48"
M2-M3	259.53	126°17'17"	306°17'17"	M40-M41	146.22	274°48'38"	94°48'38"
M3-M4	232.67	88°18'10"	268°18'10"	M41-M42	50.38	186°53'34"	6°53'34"
M4-M5	28.90	47°9'36"	227°9'36"	M42-M43	70.76	266°33'3"	86°33'3"
M5-M6	163.06	87°31'58"	267°31'58"	M43-M44	321.74	279°56'37"	99°56'37"
M6-M7	22.18	141°37'14"	321°37'14"	M44-M45	24.01	0°5'24"	180°5'24"
M7-M8	75.52	218°9'48"	38°9'48"	M45-M46	123.20	30°16'0"	210°16'0"
M8-M9	96.41	171°37'49"	351°37'49"	M46-M47	94.08	107°12'56"	287°12'56"
M9-M10	62.67	193°10'25"	13°10'25"	M47-M48	136.59	69°19'56"	249°19'56"
M10-M11	178.59	281°0'13"	101°0'13"	M48-M49	157.60	286°9'21"	106°9'21"
M11-M12	256.96	275°14'32"	95°14'32"	M49-M50	61.00	320°28'34"	140°28'34"
M12-M13	127.37	307°18'15"	127°18'15"	M50-M51	65.72	30°37'18"	210°37'18"
M13-M14	222.80	259°30'21"	79°30'21"	M51-M52	149.15	117°10'46"	297°10'46"
M14-M15	111.94	184°48'43"	4°48'43"	M52-M53	110.65	21°45'28"	201°45'28"
M15-M16	199.85	78°29'12"	258°29'12"	M53-M54	191.85	153°32'25"	333°32'25"
M16-M17	113.25	202°16'31"	22°16'31"	M54-M55	99.86	83°46'7"	263°46'7"
M17-M18	198.18	172°11'12"	352°11'12"	M55-M56	82.14	355°24'10"	175°24'10"
M18-M19	127.50	101°3'7"	281°3'7"	M56-M57	114.33	121°54'2"	301°54'2"
M19-M20	219.53	199°48'38"	19°48'38"	M57-M58	17.76	16°56'59"	196°56'59"
M20-M21	91.72	120°31'35"	300°31'35"	M58-M59	105.85	324°49'3"	144°49'3"
M21-M22	239.47	57°20'10"	237°20'10"	M59-M60	94.10	311°7'32"	131°7'32"
M22-M23	59.33	120°36'37"	300°36'37"	M60-M61	69.13	349°11'26"	169°11'26"
M23-M24	486.97	31°2'41"	211°2'41"	M61-M62	110.16	287°28'16"	107°28'16"
M24-M25	99.22	158°45'50"	338°45'50"	M62-M63	1193.87	178°18'56"	358°18'56"
M25-M26	375.81	208°59'47"	28°59'47"	M63-M64	193.17	109°2'16"	289°2'16"
M26-M27	126.66	133°56'21"	313°56'21"	M64-M65	143.06	86°51'21"	266°51'21"
M27-M28	49.71	149°54'8"	329°54'8"	M65-M66	93.84	101°25'18"	281°25'18"
M28-M29	137.91	183°6'48"	3°6'48"	M66-M67	45.18	213°45'58"	33°45'58"
M29-M30	88.06	304°16'58"	124°16'58"	M67-M68	47.79	290°51'0"	110°51'0"
M30-M31	48.72	261°56'52"	81°56'52"	M68-M69	71.79	259°6'7"	79°6'7"
M31-M32	168.40	296°50'25"	116°50'25"	M69-M70	129.44	192°14'59"	12°14'59"
M32-M33	61.46	306°59'30"	126°59'30"	M70-M71	79.72	313°40'19"	133°40'19"
M33-M34	28.63	249°38'1"	69°38'1"	M71-M72	101.79	256°44'44"	76°44'44"
M34-M35	53.93	278°39'39"	98°39'39"	M72-M73	91.37	291°38'26"	111°38'26"
M35-M36	25.24	354°18'18"	174°18'18"	M73-M74	112.82	344°37'29"	164°37'29"
M36-M37	85.43	244°31'38"	64°31'38"	M74-M75	22.00	302°49'41"	122°49'41"
M37-M38	100.08	159°35'55"	339°35'55"	M75-M1	1728.54	1°33'33"	181°33'33"
M38-M39	109.77	227°28'16"	47°28'16"				

Table: III (Machania)									
Plot-wise location and area of CA Land									
Sl.No.	Plot No.	Village	Forest range	Thana No.	Thana District	Net Area (in Ha.)	Perimeter (in Metro)	Gross Area (in Ha.)	Perimeter (in Metro)
1	1, 6, 18, 20, 21, 23	Machania	Gawan	169	Gawan Giridih	52.58	9325.23	122.79	9219.9
Total						52.58	9325.23	122.79	9219.9

Customer

Central Coalfields Limited

Project

Preparation of Georeferenced Boundary Map of Proposed CA Land (2012.34 Ha) against Forest Land of (1006.17 Ha.) in Kotre Basantpur OCP, CCL

Job No.

064319138

Subject

Plan Showing CA Land at Village- Machania Thana: Gawan - 169 Forest Range: Gawan District: Giridih

Activity	Name	Designation	Signature	Date
Surveyed / Processed by	S.Dutta	Sr.Surveyor(C)		
	S.Prasad	Hd.Surveyor(C)		
	S.K.Dixit	Ch. Manager(M)		
Checked by	M.Rastogi	Ch.Manager(C)		
Approved by	R.Kumar	GM (Geomatics)		

Scale - 1:4000

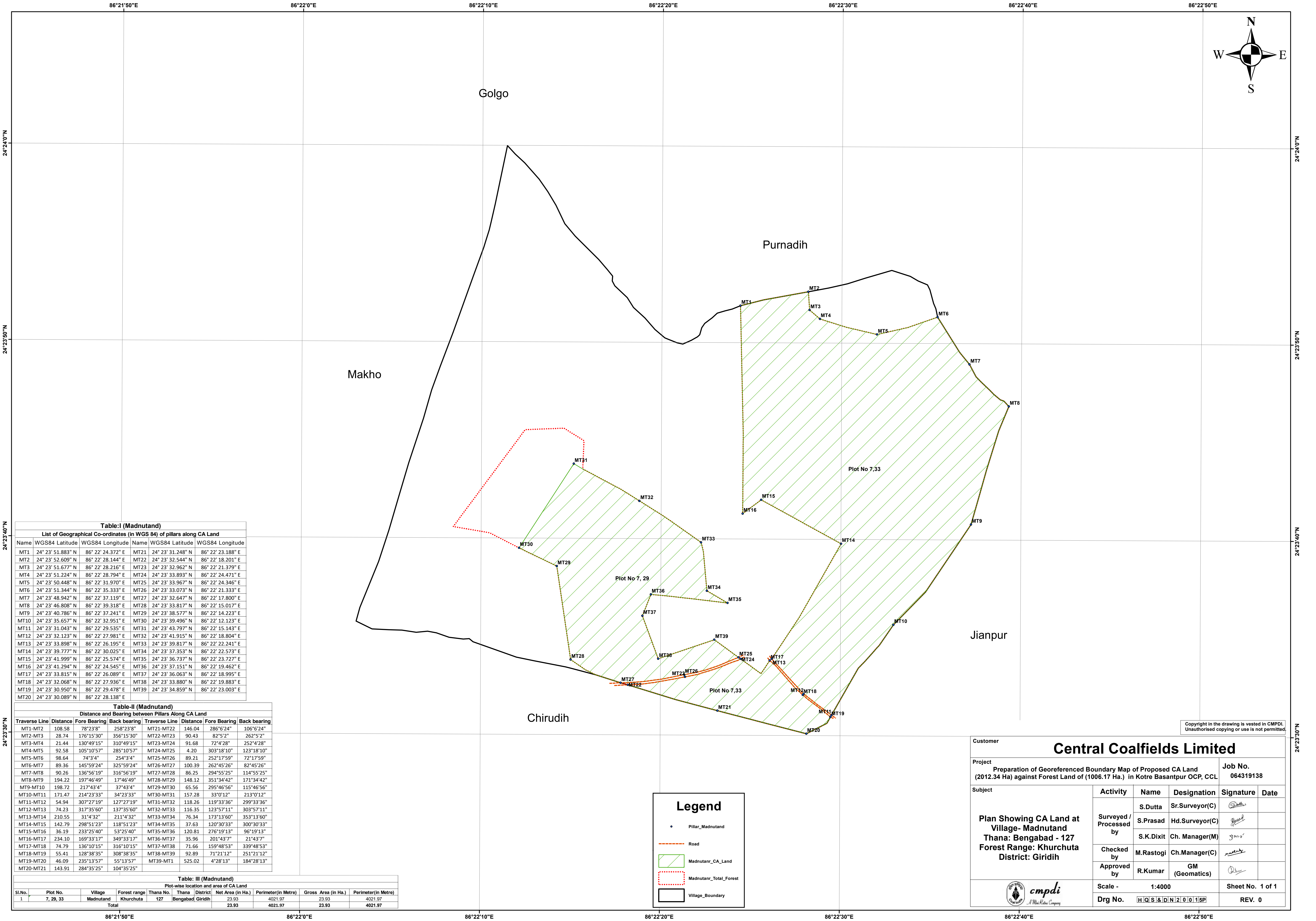
Sheet No. 1 of 1

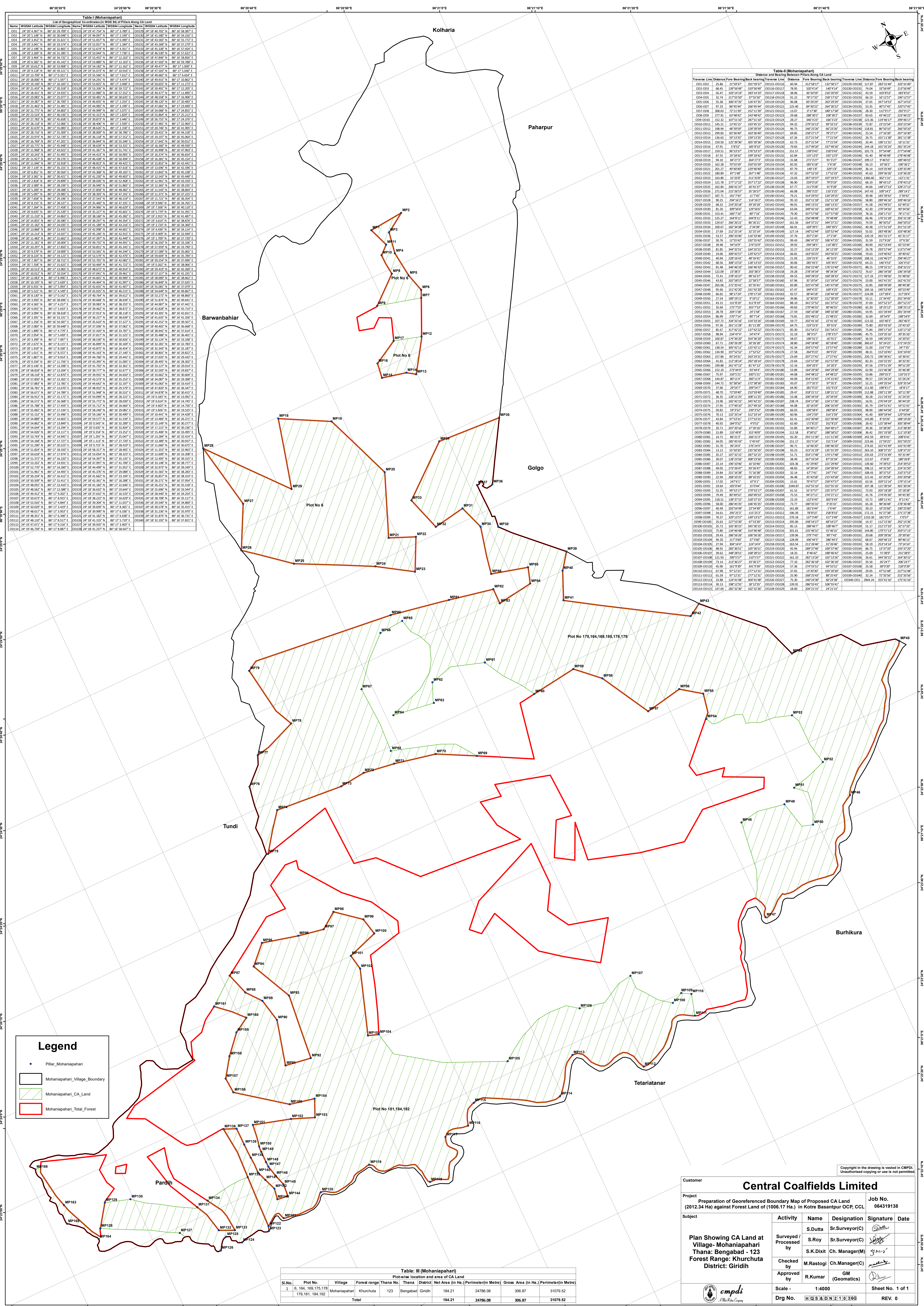
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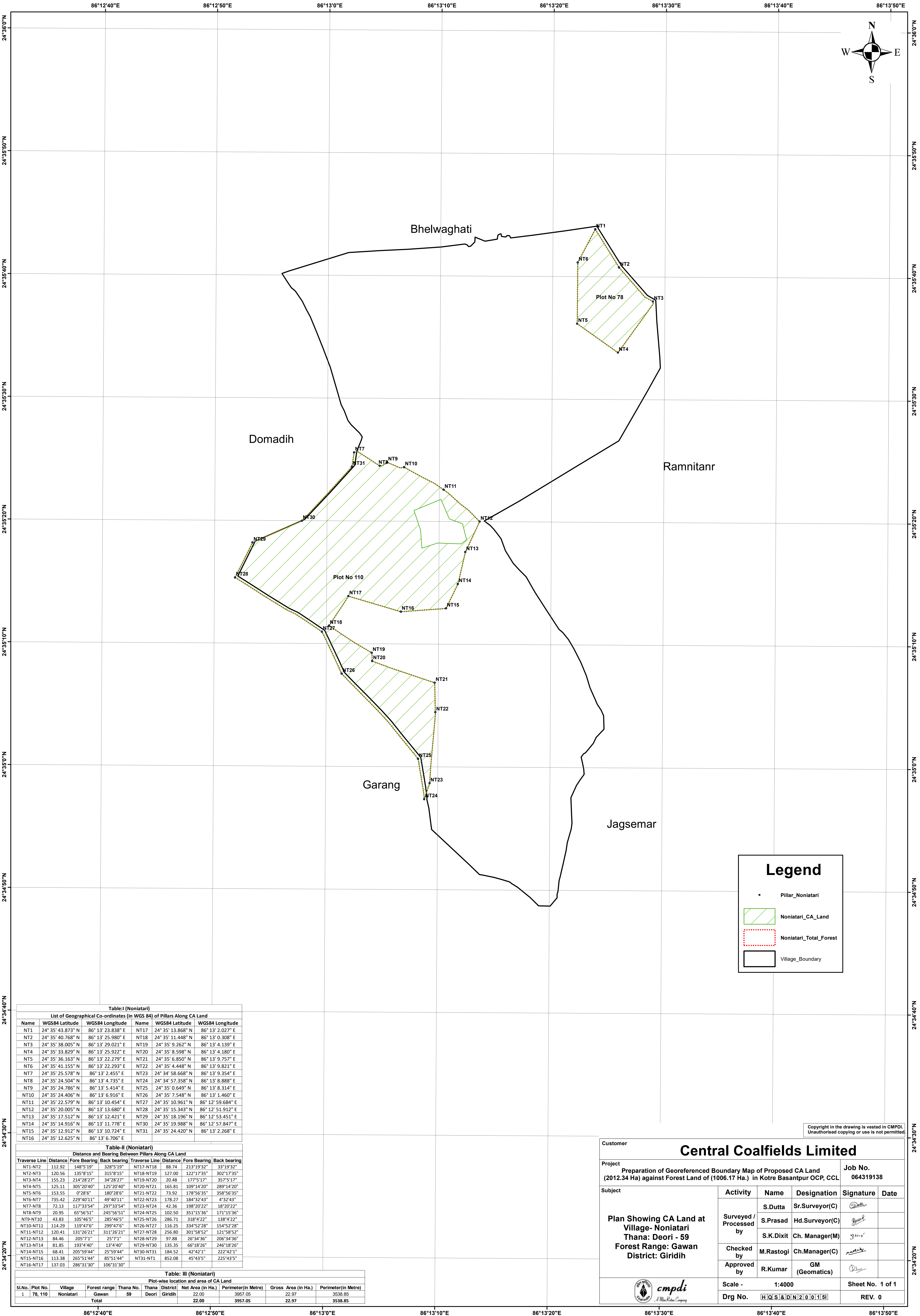
86 20' 25" E

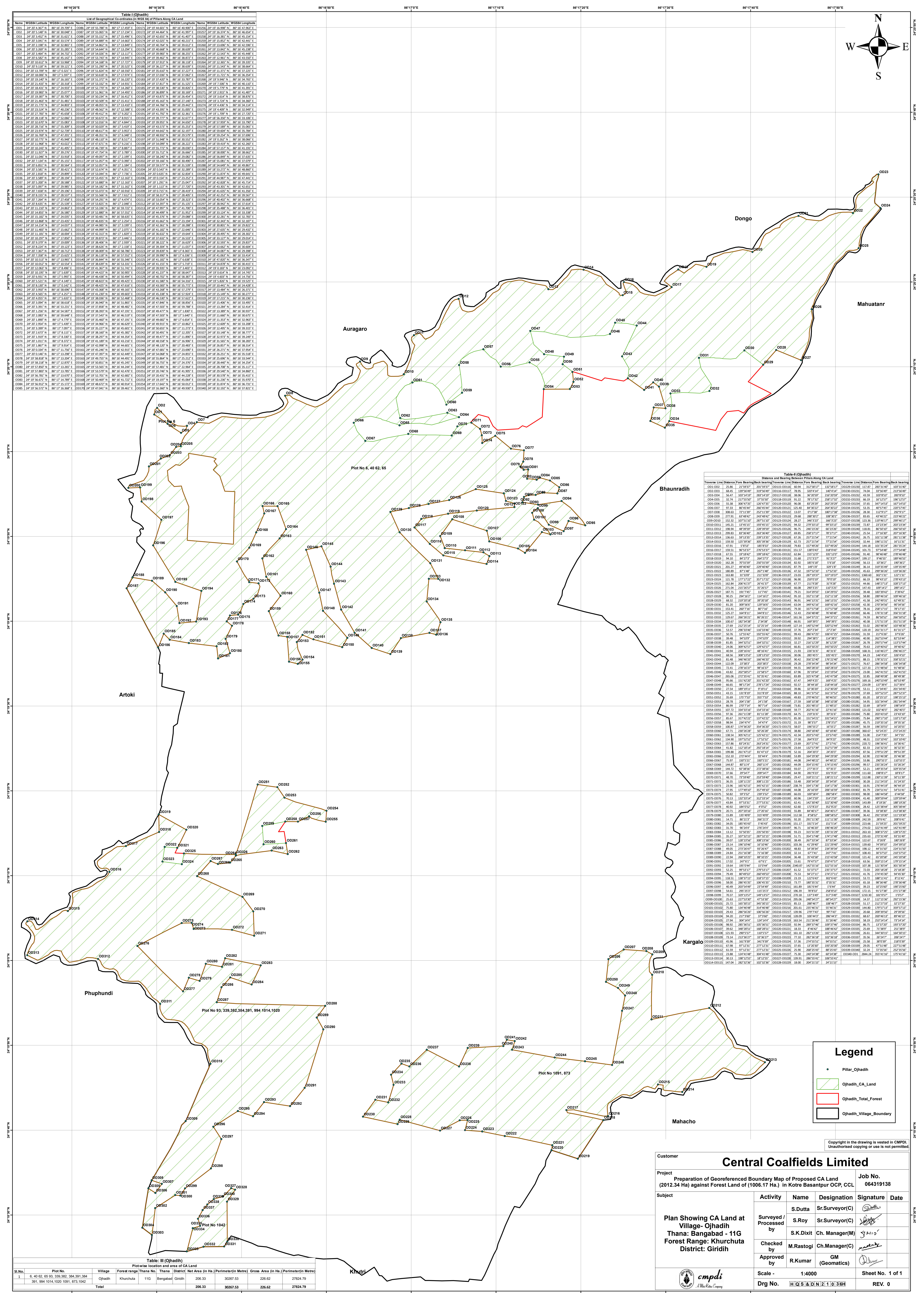
24 25' 30" N

86 20' 25" E

Table: I (Mohaniaphari)

West of Geographical			Coordinates (in WGS 84) of Pillars Along CA Land			West of Geographical		
Name	WGS84 Latitude	WGS84 Longitude	Name	WGS84 Latitude	WGS84 Longitude	Name	WGS84 Latitude	WGS84 Longitude
001	24°20'4.867"E	86°16'29.791"E	0011	24°19'47.541"E	86°17'3.787"E	0021	24°19'48.701"E	86°16'58.387"E
002	24°20'5.480"E	86°16'30.081"E	0012	24°19'48.097"E	86°17'3.197"E	0022	24°19'48.158"E	86°16'54.136"E
003	24°20'5.452"E	86°16'31.621"E	0013	24°19'51.057"E	86°17°0.900"E	0023	24°19'48.581"E	86°16'55.772"E
004	24°20'5.441"E	86°16'33.091"E	0014	24°19'52.074"E	86°17°1.587"E	0024	24°19'48.581"E	86°16'55.772"E
005	24°20'5.438"E	86°16'34.561"E	0015	24°19'53.074"E	86°17°2.274"E	0025	24°19'48.581"E	86°16'55.772"E
006	24°20'5.435"E	86°16'36.031"E	0016	24°19'54.074"E	86°17°2.964"E	0026	24°19'48.581"E	86°16'55.772"E
007	24°20'5.432"E	86°16'37.501"E	0017	24°19'55.074"E	86°17°3.654"E	0027	24°19'48.581"E	86°16'55.772"E
008	24°20'5.429"E	86°16'38.971"E	0018	24°19'56.074"E	86°17°4.344"E	0028	24°19'48.581"E	86°16'55.772"E
009	24°20'5.426"E	86°16'40.441"E	0019	24°19'57.074"E	86°17°5.034"E	0029	24°19'48.581"E	86°16'55.772"E
010	24°20'5.423"E	86°16'41.911"E	0020	24°19'58.074"E	86°17°5.724"E	0030	24°19'48.581"E	86°16'55.772"E
011	24°20'5.420"E	86°16'43.381"E	0021	24°19'59.074"E	86°17°6.414"E	0031	24°19'48.581"E	86°16'55.772"E
012	24°20'5.417"E	86°16'44.851"E	0022	24°19'60.074"E	86°17°7.104"E	0032	24°19'48.581"E	86°16'55.772"E
013	24°20'5.414"E	86°16'46.321"E	0023	24°19'61.074"E	86°17°7.794"E	0033	24°19'48.581"E	86°16'55.772"E
014	24°20'5.411"E	86°16'47.791"E	0024	24°19'62.074"E	86°17°8.484"E	0034	24°19'48.581"E	86°16'55.772"E
015	24°20'5.408"E	86°16'49.261"E	0025	24°19'63.074"E	86°17°9.174"E	0035	24°19'48.581"E	86°16'55.772"E
016	24°20'5.405"E	86°16'50.731"E	0026	24°19'64.074"E	86°17°9.864"E	0036	24°19'48.581"E	86°16'55.772"E
017	24°20'5.402"E	86°16'52.201"E	0027	24°19'65.074"E	86°17°10.554"E	0037	24°19'48.581"E	86°16'55.772"E
018	24°20'5.399"E	86°16'53.671"E	0028	24°19'66.074"E	86°17°11.244"E	0038	24°19'48.581"E	86°16'55.772"E
019	24°20'5.396"E	86°16'55.141"E	0029	24°19'67.074"E	86°17°11.934"E	0039	24°19'48.581"E	86°16'55.772"E
020	24°20'5.393"E	86°16'56.611"E	0030	24°19'68.074"E	86°17°12.624"E	0040	24°19'48.581"E	86°16'55.772"E
021	24°20'5.390"E	86°16'58.081"E	0031	24°19'69.074"E	86°17°13.314"E	0041	24°19'48.581"E	86°16'55.772"E
022	24°20'5.387"E	86°16'59.551"E	0032	24°19'70.074"E	86°17°14.004"E	0042	24°19'48.581"E	86°16'55.772"E
023	24°20'5.384"E	86°17°0.021"E	0033	24°19'71.074"E	86°17°14.694"E	0043	24°19'48.581"E	86°16'55.772"E
024	24°20'5.381"E	86°17°1.491"E	0034	24°19'72.074"E	86°17°15.384"E	0044	24°19'48.581"E	86°16'55.772"E
025	24°20'5.378"E	86°17°2.961"E	0035	24°19'73.074"E	86°17°16.074"E	0045	24°19'48.581"E	86°16'55.772"E
026	24°20'5.375"E	86°17°4.431"E	0036	24°19'74.074"E	86°17°16.764"E	0046	24°19'48.581"E	86°16'55.772"E
027	24°20'5.372"E	86°17°5.901"E	0037	24°19'75.074"E	86°17°17.454"E	0047	24°19'48.581"E	86°16'55.772"E
028	24°20'5.369"E	86°17°7.371"E	0038	24°19'76.074"E	86°17°18.144"E	0048	24°19'48.581"E	86°16'55.772"E
029	24°20'5.366"E	86°17°8.841"E	0039	24°19'77.074"E	86°17°18.834"E	0049	24°19'48.581"E	86°16'55.772"E
030	24°20'5.363"E	86°17°10.311"E	0040	24°19'78.074"E	86°17°19.524"E	0050	24°19'48.581"E	86°16'55.772"E
031	24°20'5.360"E	86°17°11.781"E	0041	24°19'79.074"E	86°17°20.214"E	0051	24°19'48.581"E	86°16'55.772"E
032	24°20'5.357"E	86°17°13.251"E	0042	24°19'80.074"E	86°17°20.904"E	0052	24°19'48.581"E	86°16'55.772"E
033	24°20'5.354"E	86°17°14.721"E	0043	24°19'81.074"E	86°17°21.594"E	0053	24°19'48.581"E	86°16'55.772"E
034	24°20'5.351"E	86°17°16.191"E	0044	24°19'82.074"E	86°17°22.284"E	0054	24°19'48.581"E	86°16'55.772"E
035	24°20'5.348"E	86°17°17.661"E	0045	24°19'83.074"E	86°17°22.974"E	0055	24°19'48.581"E	86°16'55.772"E
036	24°20'5.345"E	86°17°19.131"E	0046	24°19'84.074"E	86°17°23.664"E	0056	24°19'48.581"E	86°16'55.772"E
037	24°20'5.342"E	86°17°20.601"E	0047	24°19'85.074"E	86°17°24.354"E	0057	24°19'48.581"E	86°16'55.772"E
038	24°20'5.339"E	86°17°22.071"E	0048	24°19'86.074"E	86°17°25.044"E	0058	24°19'48.581"E	86°16'55.772"E
039	24°20'5.336"E	86°17°23.541"E	0049	24°19'87.074"E	86°17°25.734"E	0059	24°19'48.581"E	86°16'55.772"E
040	24°20'5.333"E	86°17°25.011"E	0050	24°19'88.074"E	86°17°26.424"E	0060	24°19'48.581"E	86°16'55.772"E
041	24°20'5.330"E	86°17°26.481"E	0051	24°19'89.074"E	86°17°27.114"E	0061	24°19'48.581"E	86°16'55.772"E
042	24°20'5.327"E	86°17°27.951"E	0052	24°19'90.074"E	86°17°27.804"E	0062	24°19'48.581"E	86°16'55.772"E
043	24°20'5.324"E	86°17°29.421"E	0053	24°19'91.074"E	86°17°28.494"E	0063	24°19'48.581"E	86°16'55.772"E
044	24°20'5.321"E	86°17°30.891"E	0054	24°19'92.074"E	86°17°29.184"E	0064	24°19'48.581"E	86°16'55.772"E
045	24°20'5.318"E	86°17°32.361"E	0055	24°19'93.074"E	86°17°29.874"E	0065	24°19'48.581"E	86°16'55.772"E
046	24°20'5.315"E	86°17°33.831"E	0056	24°19'94.074"E	86°17°30.564"E	0066	24°19'48.581"E	86°16'55.772"E
047	24°20'5.312"E	86°17°35.301"E	0057	24°19'95.074"E	86°17°31.254"E	0067	24°19'48.581"E	86°16'55.772"E
048	24°20'5.309"E	86°17°36.771"E	0058	24°19'96.074"E	86°17°31.944"E	0068	24°19'48.581"E	86°16'55.772"E
049	24°20'5.306"E	86°17°38.241"E	0059	24°19'97.074"E	86°17°32.634"E	0069	24°19'48.581"E	86°16'55.772"E
050	24°20'5.303"E	86°17°39.711"E	0060	24°19'98.074"E	86°17°33.324"E	0070	24°19'48.581"E	86°16'55.772"E
051	24°20'5.300"E	86°17°41.181"E	0061	24°19'99.074"E	86°17°34.014"E	0071	24°19'48.581"E	86°16'55.772"E
052	24°20'5.297"E	86°17°42.651"E	0062	24°20'00.074"E	86°17°34.704"E	0072	24°19'48.581"E	86°16'55.772"E
053	24°20'5.294"E	86°17°44.121"E	0063	24°20'01.074"E	86°17°35.394"E	0073	24°19'48.581"E	86°16'55.772"E
054	24°20'5.291"E	86°17°45.591"E	0064	24°20'02.074"E	86°17°36.084"E	0074	24°19'48.581"E	86°16'55.772"E
055	24°20'5.288"E	86°17°47.061"E	0065	24°20'03.074"E	86°17°36.774"E	0075	24°19'48.581"E	86°16'55.772"E
056	24°20'5.285"E	86°17°48.531"E	0066	24°20'04.074"E	86°17°37.464"E	0076	24°19'48.581"E	86°16'55.772"E
057	24°20'5.282"E	86°17°50.001"E	0067	24°20'05.074"E	86°17°38.154"E	0077	24°19'48.581"E	86°16'55.772"E
058	24°20'5.279"E	86°17°51.471"E	0068	24°20'06.074"E	86°17°38.844"E	0078	24°19'48.581"E	86°16'55.772"E
059	24°20'5.276"E	86°17°52.941"E	0069	24°20'07.074"E	86°17°39.534"E	0079	24°19'48.581"E	86°16'55.772"E
060	24°20'5.273"E	86°17°54.411"E	0070	24°20'08.074"E	86°17°40.224"E	0080	24°19'48.581"E	86°16'55.772"E
061	24°20'5.270"E	86°17°55.881"E	0071	24°20'09.074"E	86°17°40.914"E	0081	24°19'48.581"E	86°16'55.772"E
062	24°20'5.267"E	86°17°57.351"E	0072	24°20'10.074"E	86°17°41.604"E	0082	24°19'48.581"E	86°16'55.772"E
063	24°20'5.264"E	86°17°58.821"E	0073	24°20'11.074"E	86°17°42.294"E	0083	24°19'48.581"E	86°16'55.772"E
064	24°20'5.261"E	86°17°60.291"E	0074	24°20'12.074"E	86°17°42.984"E	0084	24°19'48.581"E	86°16'55.772"E
065	24°20'5.258"E	86°17°61.761"E	0075	24°20'13.074"E	86°17°43.674"E	0085	24°19'48.581"E	86°16'55.772"E
066	24°20'5.255"E	86°17°63.231"E	0076	24°20'14.074"E	86°17°44.364"E	0086	24°19'48.581"E	86°16'55.772"E
067	24°20'5.252"E	86°17°64.701"E	0077	24°20'15.074"E	86°17°45.054"E	0087	24°19'48.581"E	86°16'55.772"E
068	24°20'5.249"E	86°17°66.171"E	0078	24°20'16.074"E	86°17°45.744"E	0088	24°19'48.581"E	86°16'55.772"E
069	24°20'5.246"E	86°17°67.641"E	0079	24°20'17.074"E	86°17°46.434"E	0089	24°19'48.581"E	86°16'55.772"E
070	24°20'5.243"E	86°17°69.111"E	0080	24°20'18.074"E	86°17°47.124"E	0090	24°19'48.581"E	86°16'55.772"E
071	24°20'5.240"E	86°17°70.581"E	0081	24°20'19.074"E	86°17°47.814"E	0091	24°19'48.581"E	86°16'55.772"E
072	24°20'5.237"E	86°17°72.051"E	0082	24°20'20.074"E	86°17°48.504"E	0092	24°19'48.581"E	86°16'55.772"E
073	24°20'5.234"E	86°17°73.521"E	0083	24°20'21.074"E	86°17°49.194"E	0093	24°19'48.581"E	86°16'55.772"E
074	24°20'5.231"E	86°17°74.991"E	0084	24°20'22.074"E	86°17°49.884"E	0094	24°19'48.581"E	86°16'55.772"E
075	24°20'5.228"E	86°17°76.461"E	0085	24°20'23.074"E	86°17°50.574"E	0095	24°19'48.581"E	86°16'55.772"E
076	24°20'5.225"E	86°17°77.931"E	0086	24°20'24.074"E	86°17°51.264"E	0096	24°19'48.581"E	86°16'55.772"E
077	24°20'5.222"E	86°17°79.401"E	0087	24°20'25.074"E	86°17°51.954"E	0097	24°19'48.581"E	86°16'55.772"E
078	24°20'5.219"E	86°17°80.871"E	0088	24°20'26.074"E	86°17°52.644"E	0098	24°19'48.581"E	86°16'55.772"E
079	24°20'5.216"E	86°17°82.341"E	0089	24°20'27.074"E	86°17°53.334"E	0099	24°19'48.581"E	86°16'55.772"E
080	24°20'5.213"E	86°17°83.811"E	0090	24°20'28.074"E	86°17°54.024"E	0100	24°19'48.581"E	86°16'55.772"E
081	24°20'5.210"E	86°17°85.281"E	0091	24°20'29.074"E	86°17°54.714"E	0101	24°19'48.581"E	86°16'55.772"E
082	24°20'5.207"E	86°17°86.751"E	0092	24°20'30.074"E	86°17°55.404"E	0102	24°19'48.581"E	86°16'55.772"E
083	24°20'5.204"E	86°17°88.221"E	0093	24°20'31.074"E	86°17°56.094"E	0103	24°19'48.581"E	86°16'55.772"E
084	24°20'5.201"E	86°17°89.691"E	0094	24°20'32.074"E	86°17°56.784"E	0104	24°19'48.581"E	86°16'55.772"E
085	24°20'5.198"E	86°17°91.161"E	0095	24°20'33.074"E	86°17°57.474"E	0105	24°19'48.581"E	86°16'55.772"E
086								





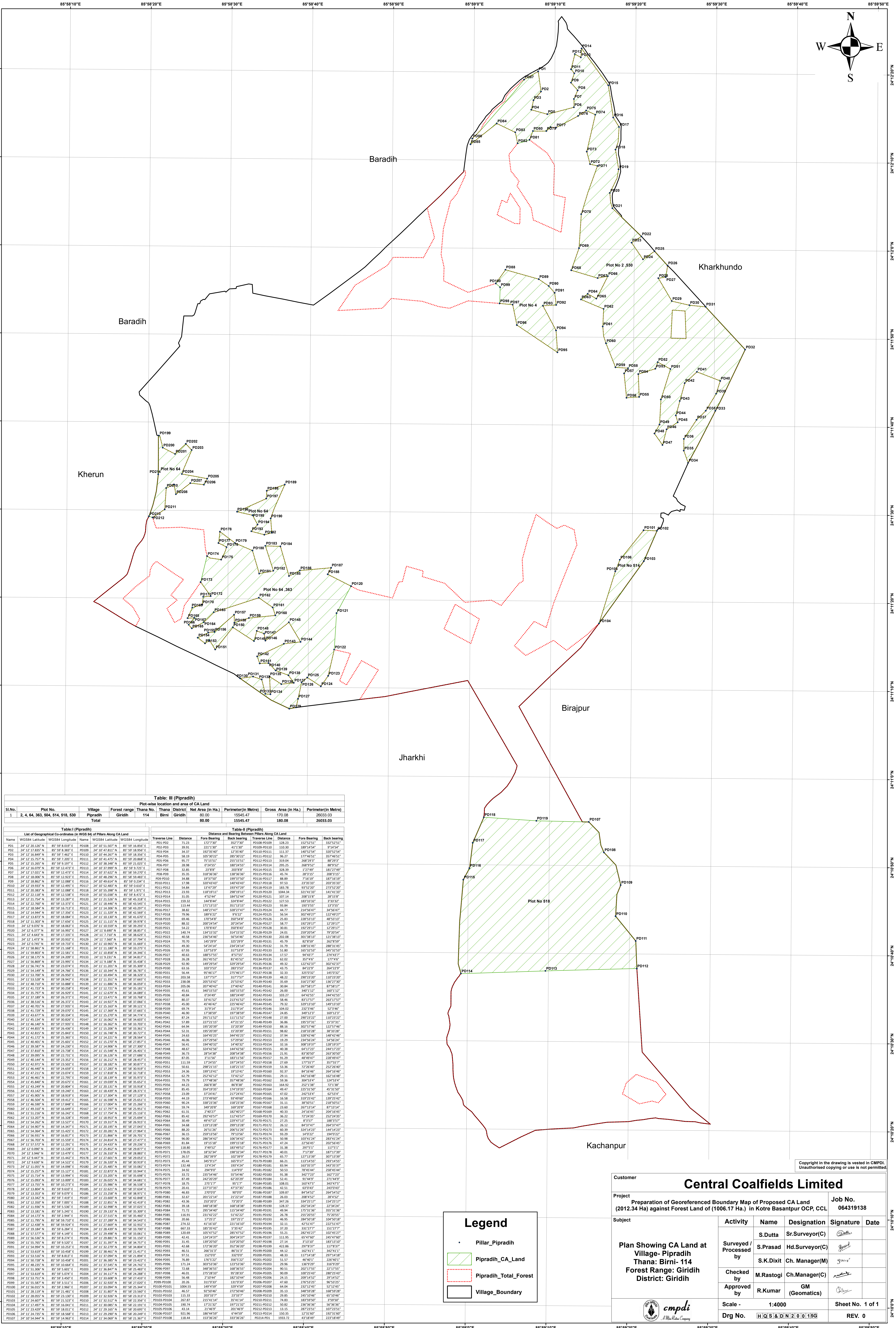
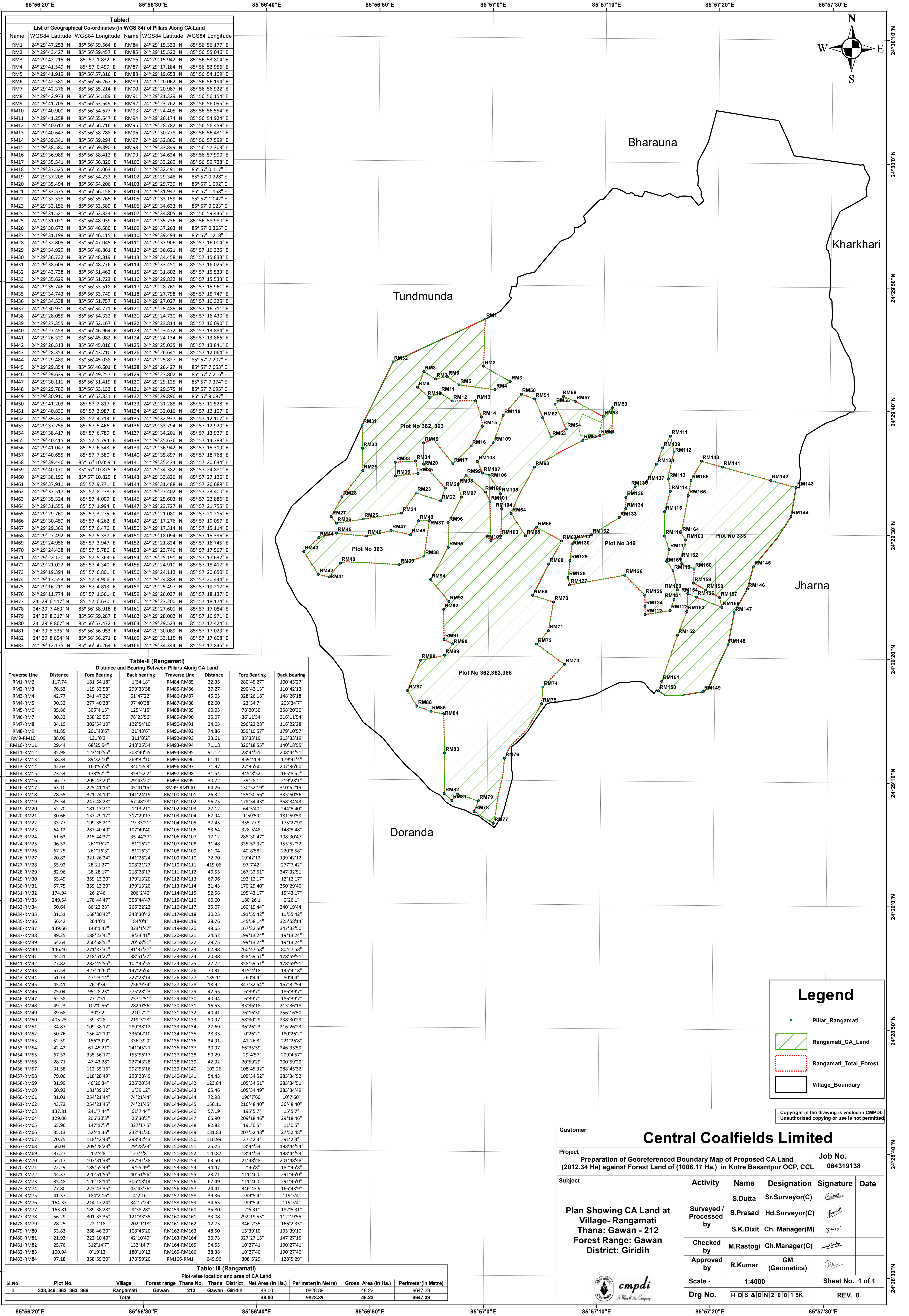
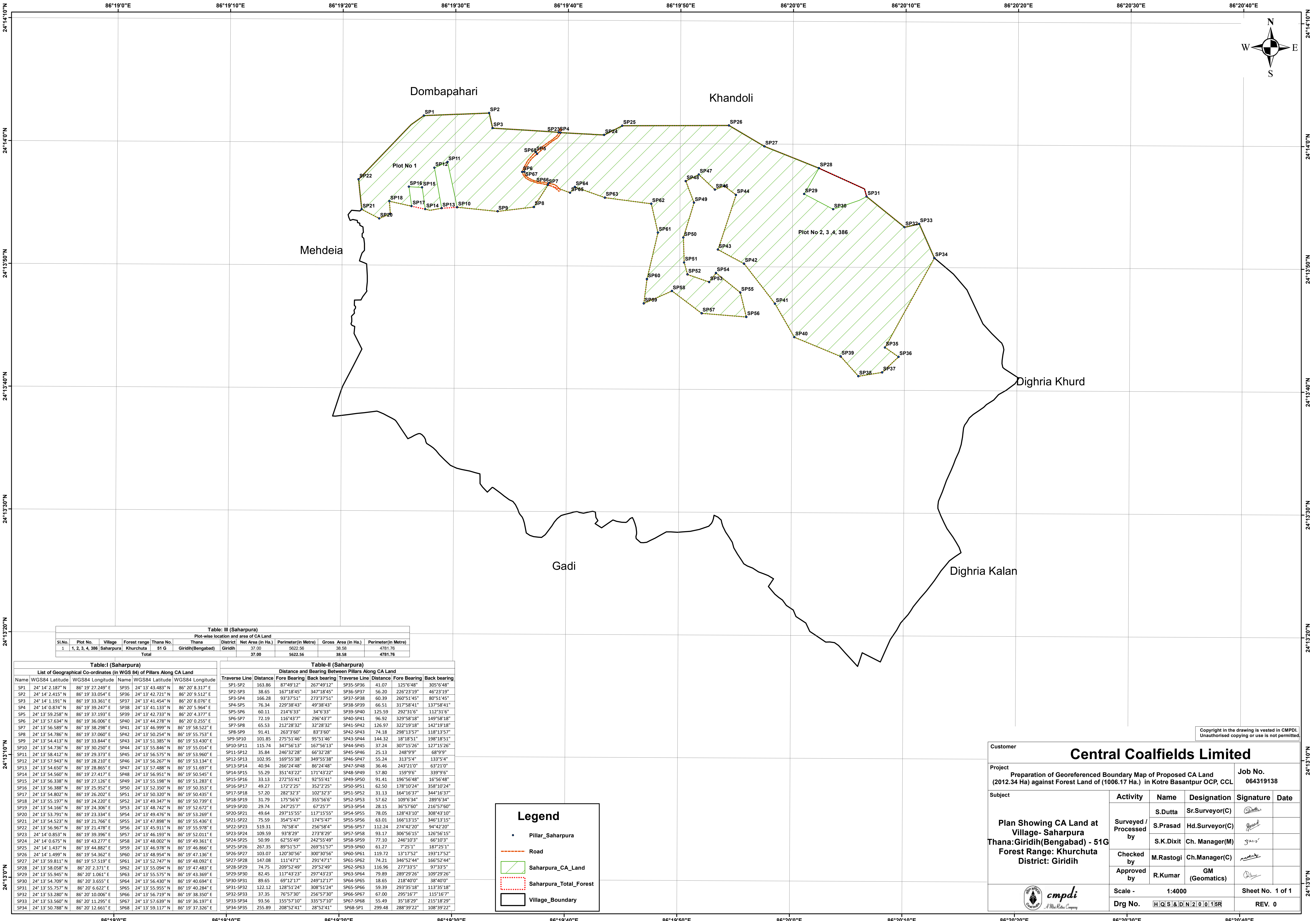


Table-III (Pipradih)													
Plot-wise location and area of CA Land													
Sl.No.	Plot No.	Village	Thana No.		District	Net Area (in Ha.)		Perimeter (in Metre)	Gross Area (in Ha.)	Perimeter (in Metre)			
			Pipradih	Birni		Giridih	Birni						
1	2, 4, 64, 365, 504, 514, 518, 530	Total				114		15545.47	180.08	26033.03			
Table-I (Pipradih)					Table-II (Pipradih)								
List of Geographical Co-ordinates (in WGS 84) of Pillars Along CA Land					Distance and Bearing Between Pillars Along CA Land								
Name	WGSR84 Latitude	WGSR84 Longitude	Name	WGSR84 Latitude	WGSR84 Longitude	Traverse Line	Distance	For Bearing	Back bearing	Traverse Line	Distance	For Bearing	Back bearing
P001	24°12'20.126"N	85°59'18.037"E	P008	24°10'51.507"N	85°59'16.856"E	P001-P008	39.91	221°30'N	41°130'	P008-P001	110.30	189°145'E	91°456'
P002	24°12'20.126"N	85°59'18.037"E	P009	24°10'51.507"N	85°59'16.856"E	P002-P009	39.91	221°30'N	41°130'	P009-P002	110.30	189°145'E	91°456'
P003	24°12'16.849"N	85°59'17.802"E	P010	24°10'44.267"N	85°59'16.356"E	P003-P010	58.10	105°10'N	285°102'	P010-P003	56.27	172°455'E	85°405'
P004	24°12'16.757"N	85°59'17.802"E	P011	24°10'44.267"N	85°59'16.356"E	P004-P011	58.10	105°10'N	285°102'	P011-P004	56.27	172°455'E	85°405'
P005	24°12'16.265"N	85°59'16.979"E	P012	24°10'38.348"N	85°59'15.025"E	P005-P012	93.79	70°15'N	255°153'	P012-P005	139.04	288°28'E	90°281'
P006	24°12'16.079"N	85°59'16.477"E	P013	24°10'37.999"N	85°59'15.725"E	P006-P013	93.79	70°15'N	255°153'	P013-P006	139.04	288°28'E	90°281'
P007	24°12'12.031"N	85°59'14.077"E	P014	24°10'37.999"N	85°59'15.725"E	P007-P014	32.85	23°8'N	203°8'	P014-P007	33.89	172°48'E	101°163'
P008	24°12'18.000"N	85°59'13.177"E	P015	24°10'48.296"N	85°59'14.987"E	P008-P015	35.35	148°36'N	188°36'	P015-P008	45.78	287°15'E	101°163'
P009	24°12'18.000"N	85°59'13.177"E	P016	24°10'48.296"N	85°59'14.987"E	P009-P016	35.35	148°36'N	188°36'	P016-P009	45.78	287°15'E	101°163'
P010	24°12'18.933"N	85°59'12.495"E	P017	24°10'52.483"N	85°59'16.037"E	P010-P017	17.98	300°43'N	140°43'N	P017-P010	95.13	233°33'E	200°33'N
P011	24°12'20.385"N	85°59'12.088"E	P018	24°10'55.298"N	85°59'14.971"E	P011-P018	17.98	300°43'N	140°43'N	P018-P011	95.13	233°33'E	200°33'N
P012	24°12'21.187"N	85°59'12.538"N	P019	24°10'55.038"N	85°59'14.971"E	P012-P019	20.30	116°11'N	206°11'N	P019-P012	104.34	331°31'E	141°31'N
P013	24°12'21.747"N	85°59'12.827"E	P020	24°11'21.526"N	85°59'14.318"E	P013-P020	45.35	42°54'N	184°24'N	P020-P013	107.14	208°15'E	18°15'E
P014	24°12'21.747"N	85°59'12.827"E	P021	24°11'21.526"N	85°59'14.318"E	P014-P021	45.35	42°54'N	184°24'N	P021-P014	107.14	208°15'E	18°15'E
P015	24°12'18.581"N	85°59'16.111"E	P022	24°11'18.506"N	85°59'14.297"E	P015-P022	11.84	173°13'N	351°13'N	P022-P015	93.84	183°15'E	27°15'E
P016	24°12'18.444"N	85°59'17.350"E	P023	24°11'18.329"N	85°59'14.297"E	P016-P023	38.82	148°14'N	328°14'N	P023-P016	48.77	148°14'E	27°15'E
P017	24°12'18.873"N	85°59'18.084"E	P024	24°11'18.329"N	85°59'14.297"E	P017-P024	38.82	148°14'N	328°14'N	P024-P017	48.77	148°14'E	27°15'E
P018	24°12'11.307"N	85°59'17.654"E	P025	24°11'11.115"N	85°59'14.318"E	P018-P025	69.46	170°58'E	300°58'E	P025-P018	68.43	228°13'E	48°13'N
P019	24°12'10.079"N	85°59'16.047"E	P026	24°11'10.079"N	85°59'14.318"E	P019-P026	69.46	170°58'E	300°58'E	P026-P019	68.43	228°13'E	48°13'N
P020	24°12'14.577"N	85°59'16.907"E	P027	24°11'14.577"N	85°59'14.318"E	P020-P027	46.22	170°58'E	300°58'E	P027-P020	45.72	246°17'E	274°17'E
P021	24°12'14.643"N	85°59'17.337"E	P028	24°11'17.710"N	85°59'14.318"E	P021-P028	93.90	148°29'N	329°29'N	P028-P021	80.81	190°27'N	17°27'N
P022	24°12'14.643"N	85°59'17.337"E	P029	24°11'17.710"N	85°59'14.318"E	P022-P029	93.90	148°29'N	329°29'N	P029-P022	80.81	190°27'N	17°27'N
P023	24°12'14.643"N	85°59'17.337"E	P030	24°11'18.065"N	85°59'14.318"E	P023-P030	61.16	101°35'N	281°35'N	P030-P023	43.75	82°39'E	121°38'E
P024	24°12'14.643"N	85°59'17.337"E	P031	24°11'18.065"N	85°59'14.318"E	P024-P031	61.16	101°35'N	281°35'N	P031-P024	43.75	82°39'E	121°38'E
P025	24°12'14.643"N	85°59'17.337"E	P032	24°11'18.577"N	85°59'13.773'E	P025-P032	10.88	137°57'E	317°57'E	P032-P025	48.22	202°17'N	266°17'N
P026	24°12'14.643"N	85°59'17.337"E	P033	24°11'18.577"N	85°59'13.773'E	P026-P033	10.88	137°57'E	317°57'E	P033-P026	48.22	202°17'N	266°17'N
P027	24°12'14.643"N	85°59'17.337"E	P034	24°11'20.907"N	85°59'14.276'E	P027-P034	20.65	209°40'N	27°40'N	P034-P027	30.84	267°51'E	87°51'E
P028	24°12'14.643"N	85°59'17.337"E	P035	24°11'20.907"N	85°59'14.276'E	P028-P035	45.61	304°15'N	106°15'N	P035-P028	60.90	140°12'E	160°12'E
P029	24°12'14.643"N	85°59'17.337"E	P036	24°11'20.907"N	85°59'14.276'E	P029-P036	45.61	304°15'N	106°15'N	P036-P029	60.90	140°12'E	160°12'E
P030	24°12'14.643"N	85°59'17.337"E	P037	24°11'20.907"N	85°59'14.276'E	P030-P037	80.37	334°21'N	213°21'N	P037-P030	84.31	83°17'E	261°17'E
P031	24°12'14.643"N	85°59'17.337"E	P038	24°11'20.907"N	85°59'14.276'E	P031-P038	80.37	334°21'N	213°21'N	P038-P031	79.30	339°13'E	147°13'E
P032	24°12'14.643"N	85°59'17.337"E	P039	24°11'20.907"N	85°59'14.276'E	P032-P039	80.37	334°21'N	213°21'N	P039-P032	79.30	339°13'E	147°13'E
P033	24°12'14.643"N	85°59'17.337"E	P040	24°11'20.907"N	85°59'14.276'E	P033-P040	46.00	178°59'N	57°59'N	P040-P033	46.00	140°13'E	160°13'E
P034	24°12'14.643"N	85°59'17.337"E	P041	24°11'20.907"N	85°59'14.276'E	P034-P041	46.00	178°59'N	57°59'N	P041-P034	46.00	140°13'E	160°13'E
P035	24°12'14.643"N	85°59'17.337"E	P042	24°11'20.907"N	85°59'14.276'E	P035-P042	59.89	227°15'N	177°15'N	P042-P035	28.65	109°17'E	15°17'E
P036	24°12'14.643"N	85°59'17.337"E	P043	24°11'20.907"N	85°59'14.276'E	P036-P043	64.94	159°10'N	15°10'N	P043-P036	88.16	302°47'E	122°47'E
P037	24°12'14.643"N	85°59'17.337"E	P044	24°11'20.907"N	85°59'14.276'E	P037-P044	64.94	159°10'N	15°10'N	P044-P037	88.16	302°47'E	122°47'E
P038	24°12'14.643"N	85°59'17.337"E	P045	24°11'20.907"N	85°59'14.276'E	P038-P045	64.94	159°10'N	15°10'N	P045-P038	88.16	302°47'E	122°47'E
P039	24°12'14.643"N	85°59'17.337"E	P046	24°11'20.907"N	85°59'14.276'E	P039-P046	64.94	159°10'N	15°10'N	P046-P039	88.16	302°47'E	122°47'E
P040	24°12'14.643"N	85°59'17.337"E	P047	24°11'20.907"N	85°59'14.276'E	P040-P047	48.67	342°45'E	144°45'E	P047-P040	48.67	341°23'E	144°23'E
P041	24°12'14.643"N	85°59'17.337"E	P048	24°11'20.907"N	85°59'14.276'E	P041-P048	48.67	342°45'E	144°45'E	P048-P041	48.67	341°23'E	144°23'E
P042	24°12'14.643"N	85°59'17.337"E	P049	24°11'20.907"N	85°59'14.276'E	P042-P049	87.05	313°56'E	181°13'E	P049-P042	51.29	48°40'E	226°40'E
P043	24°12'14.643"N	85°59'17.337"E	P050	24°11'20.907"N	85°59'14.276'E	P043-P050	119.59	17°24'S	359°24'S	P050-P043	67.69	177°57'E	35°57'E
P044	24°12'14.643"N	85°59'17.337"E	P051	24°11'20.907"N	85°59'14.276'E	P044-P051	119.59	17°24'S	359°24'S	P051-P044	67.69	177°57'E	35°57'E
P045	24°12'14.643"N	85°59'17.337"E	P052	24°11'20.907"N	85°59'14.276'E	P045-P052	62.36	199°14'N	19°14'N	P052-P045	62.36	84°16'E	246°16'E
P046	24°12'14.643"N	85°59'17.337"E	P053	24°11'20.907"N	85°59'14.276'E	P046-P053	24.79	242°42'N	72°42'N	P053-P046	29.17	342°42'E	142°42'E
P047	24°12'14.643"N	85°59'17.337"E	P054	24°11'20.907"N	85°59'14.276'E	P047-P054	47.88	174°58'E	174°58'E	P054-P047	47.88	174°58'E	174°58'E
P048	24°12'14.643"N	85°59'17.337"E	P055	24°11'20.907"N	85°59'14.276'E	P048-P055	42.43	266°38'E	86°38'E	P055-P048	42.43	251°38'E	71°38'E
P049	24°12'14.643"N	85°59'17.337"E	P056	24°11'20.907"N	85°59'14.276'E	P049-P056	42.43	266°38'E	86°38'E	P056-P049	42.43	251°38'E	71°38'E
P050	24°12'14.643"N	85°59'17.337"E	P057	24°11'20.907"N	85°59'14.276'E	P050-P057	23.09	372°41'N	217°41'N	P057-P050	16.92	242°13'E	62°13'E
P051	24°12'14.643"N	85°59'17.337"E	P058	24°11'20.907"N	85°59'14.276'E	P051-P058	41.49	279°09'N	93°09'N	P058-P051	41.49	279°09'N	93°09'N
P052	24°12'14.643"N	85°59'17.337"E	P059	24°11'20.907"N	85°59'14.276'E	P052-P059	99.74	360°08'E	180°08'E	P059-P052	99.74	360°08'E	180°08'E
P053	24°12'14.643"N	85°59'17.337"E	P060	24°11'20.907"N	85°59'14.276'E	P053-P060	99.74	360°08'E	180°08'E	P060-P053	99.74	360°08'E	180°08'E
P054	24°12'14.643"N	85°59'17.337"E	P061	24°11'20.907"N	85°59'14.276'E	P054-P061	61.42	48°42'E	128°42'E	P061-P054	61.42	48°42'E	128°42'E
P055	24°12'14.643"N	85°59'17.337"E	P062	24°11'20.907"N	85°59'14.276'E	P055-P062	54.42	293°43'N	113°43'N	P062-P055	36.22	72°43'E	252°43'E
P056	24°12'14.643"N	85°59'17.337"E	P063	24°11'20.907"N	85°59'14.276'E	P056-P063	54.42	293°43'N	113°43'N	P063-P056	36.22	72°43'E	252°43'E
P057	24°12'14.643"N	85°59'17.337"E	P064	24°11'20.907"N	85°59'14.276'E	P057-P064	30.29	45°11'N	229°11'N	P064-P057	27.75	83°15'E	188°15'E
P058	24°12'14.643"N	85°59'17.337"E	P065	24°11'20.907"N	85°59'14.276'E	P058-P065	10.20	265°16'E	205°16'E	P065-P058	40.39	324°12'E	144°12'E
P059	24°12'14.643"N	85°59'17.337"E	P066	24°11'20.907"N	85°59'14.276'E	P059-P066	36.15	227°13'S	79°13'S	P066-P059	36.15	227°13'E	144°12'E
P060	24°12'14.643"N	85°59'17.337"E	P067	24°11'20.907"N	85°59'14.276'E	P060-P067	36.15	227°13'S	79°13'S	P067-P060	36.15	227°13'E	144°12'E
P061	24°12'14.643"N	85°59'17.337"E	P068	24°11'20.907"N	85°59'14.276'E	P061-P068	81.84	191°18'E	199°18'E	P068-P061	42.44	27	





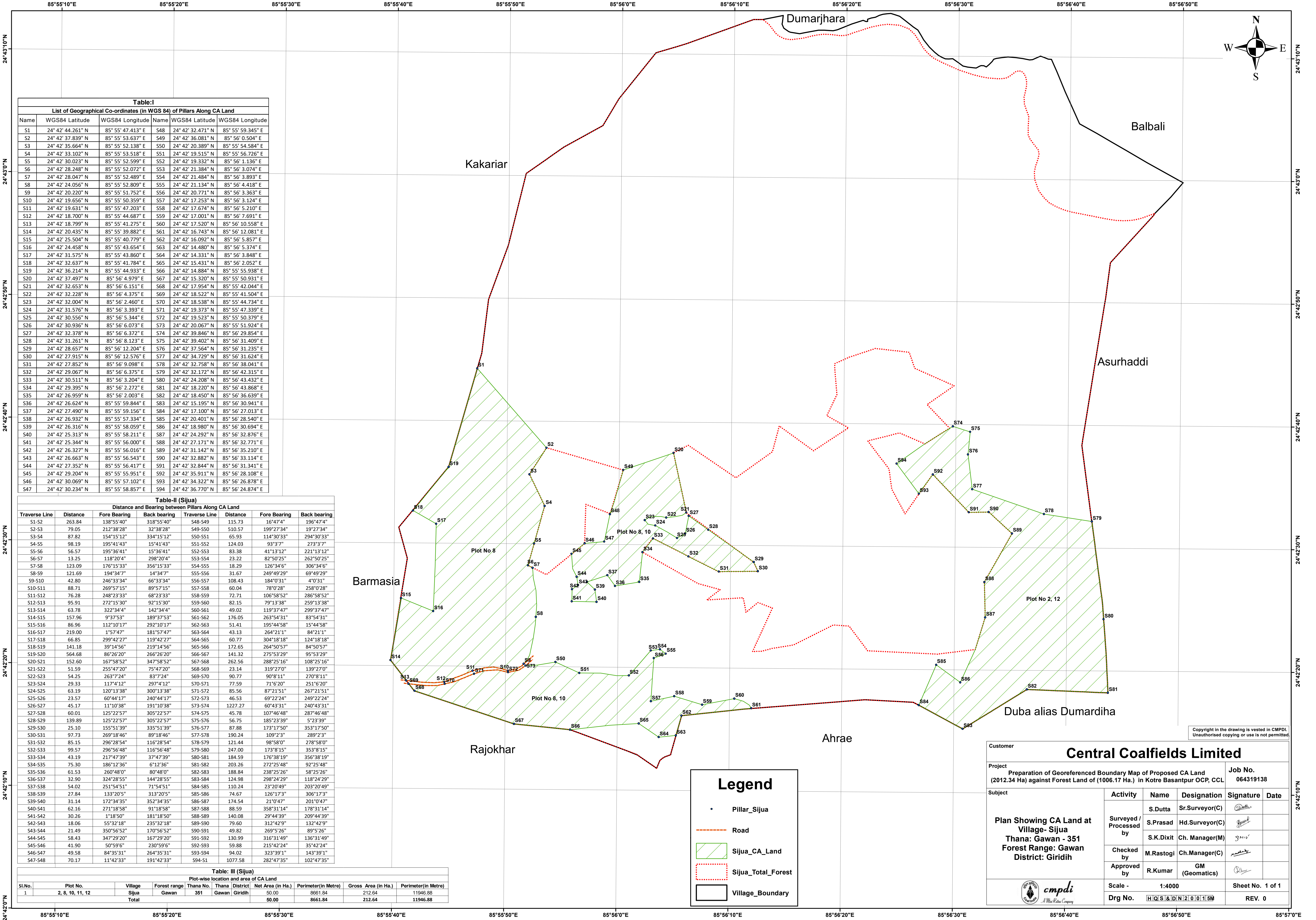


Table:I				
List of Geographical Co-ordinates (in WGS 84) of Pillars Along CA Land				
Name	WGS84 Latitude	WGS84 Longitude	Name	WGS84 Latitude
S1	24° 42' 44.261" N	85° 55' 47.413" E	S48	24° 42' 32.471" N
S2	24° 42' 37.839" N	85° 55' 53.637" E	S49	24° 42' 36.081" N
S3	24° 42' 35.664" N	85° 55' 52.138" E	S50	24° 42' 20.389" N
S4	24° 42' 33.102" N	85° 55' 53.518" E	S51	24° 42' 19.515" N
S5	24° 42' 30.023" N	85° 55' 52.599" E	S52	24° 42' 19.332" N
S6	24° 42' 28.248" N	85° 55' 52.072" E	S53	24° 42' 21.384" N
S7	24° 42' 28.047" N	85° 55' 52.489" E	S54	24° 42' 21.484" N
S8	24° 42' 24.056" N	85° 55' 52.809" E	S55	24° 42' 21.134" N
S9	24° 42' 20.220" N	85° 55' 51.752" E	S56	24° 42' 20.771" N
S10	24° 42' 19.656" N	85° 55' 50.359" E	S57	24° 42' 17.253" N
S11	24° 42' 19.631" N	85° 55' 47.203" E	S58	24° 42' 17.674" N
S12	24° 42' 18.700" N	85° 55' 44.687" E	S59	24° 42' 17.001" N
S13	24° 42' 18.799" N	85° 55' 41.275" E	S60	24° 42' 17.520" N
S14	24° 42' 20.435" N	85° 55' 39.882" E	S61	24° 42' 16.743" N
S15	24° 42' 25.504" N	85° 55' 40.779" E	S62	24° 42' 16.092" N
S16	24° 42' 24.458" N	85° 55' 43.654" E	S63	24° 42' 14.480" N
S17	24° 42' 31.575" N	85° 55' 43.860" E	S64	24° 42' 14.331" N
S18	24° 42' 32.637" N	85° 55' 41.784" E	S65	24° 42' 15.431" N
S19	24° 42' 36.214" N	85° 55' 44.933" E	S66	24° 42' 14.884" N
S20	24° 42' 37.497" N	85° 56' 4.979" E	S67	24° 42' 15.320" N
S21	24° 42' 32.653" N	85° 56' 6.151" E	S68	24° 42' 17.954" N
S22	24° 42' 32.228" N	85° 56' 4.375" E	S69	24° 42' 18.522" N
S23	24° 42' 32.004" N	85° 56' 2.460" E	S70	24° 42' 18.538" N
S24	24° 42' 31.576" N	85° 56' 3.393" E	S71	24° 42' 19.373" N
S25	24° 42' 30.556" N	85° 56' 5.344" E	S72	24° 42' 19.523" N
S26	24° 42' 30.936" N	85° 56' 6.073" E	S73	24° 42' 20.067" N
S27	24° 42' 32.378" N	85° 56' 6.372" E	S74	24° 42' 39.846" N
S28	24° 42' 31.261" N	85° 56' 8.123" E	S75	24° 42' 39.402" N
S29	24° 42' 28.657" N	85° 56' 12.204" E	S76	24° 42' 37.564" N
S30	24° 42' 27.915" N	85° 56' 12.576" E	S77	24° 42' 34.729" N
S31	24° 42' 27.852" N	85° 56' 9.098" E	S78	24° 42' 32.758" N
S32	24° 42' 29.067" N	85° 56' 6.375" E	S79	24° 42' 32.172" N
S33	24° 42' 30.511" N	85° 56' 3.204" E	S80	24° 42' 24.208" N
S34	24° 42' 29.395" N	85° 56' 2.272" E	S81	24° 42' 18.220" N
S35	24° 42' 26.959" N	85° 56' 2.003" E	S82	24° 42' 18.450" N
S36	24° 42' 26.624" N	85° 55' 59.844" E	S83	24° 42' 15.195" N
S37	24° 42' 27.490" N	85° 55' 59.156" E	S84	24° 42' 17.100" N
S38	24° 42' 26.932" N	85° 55' 57.334" E	S85	24° 42' 20.401" N
S39	24° 42' 26.316" N	85° 55' 58.059" E	S86	24° 42' 18.980" N
S40	24° 42' 25.313" N	85° 55' 58.211" E	S87	24° 42' 24.292" N
S41	24° 42' 25.344" N	85° 55' 56.000" E	S88	24° 42' 27.171" N
S42	24° 42' 26.327" N	85° 55' 56.016" E	S89	24° 42' 31.142" N
S43	24° 42' 26.663" N	85° 55' 56.543" E	S90	24° 42' 32.882" N
S44	24° 42' 27.352" N	85° 55' 56.417" E	S91	24° 42' 32.844" N
S45	24° 42' 29.204" N	85° 55' 55.951" E	S92	24° 42' 35.911" N
S46	24° 42' 30.069" N	85° 55' 57.102" E	S93	24° 42' 34.322" N
S47	24° 42' 30.234" N	85° 55' 58.857" E	S94	24° 42' 36.770" N

Table-II (Sijua)							
Distance and Bearing between Pillars Along CA Land							
Traverse Line	Distance	Fore Bearing	Back bearing	Traverse Line	Distance	Fore Bearing	Back bearing
S1-S2	263.84	138°55'40"	318°55'40"	S48-S49	115.73	16°47'4"	196°47'4"
S2-S3	79.05	212°38'28"	32°38'28"	S49-S50	510.57	199°27'34"	19°27'34"
S3-S4	87.82	154°15'12"	334°15'12"	S50-S51	65.93	114°30'33"	294°30'33"
S4-S5	98.19	195°41'43"	15°41'43"	S51-S52	124.03	93°3'7"	273°3'7"
S5-S6	56.57	195°36'41"	15°36'41"	S52-S53	83.38	41°13'12"	221°13'12"
S6-S7	13.25	118°20'4"	298°20'4"	S53-S54	23.22	82°50'25"	262°50'25"
S7-S8	123.09	176°15'33"	356°15'33"	S54-S55	18.29	126°34'6"	306°34'6"
S8-S9	121.69	194°34'7"	14°34'7"	S55-S56	31.67	249°49'29"	69°49'29"
S9-S10	42.80	246°33'34"	66°33'34"	S56-S57	108.43	184°0'31"	4°0'31"
S10-S11	88.71	269°57'15"	89°57'15"	S57-S58	60.04	78°0'28"	258°0'28"
S11-S12	76.28	248°23'33"	68°23'33"	S58-S59	72.71	106°58'52"	286°58'52"
S12-S13	95.91	272°15'30"	92°15'30"	S59-S60	82.15	79°13'38"	259°13'38"
S13-S14	63.78	322°34'4"	142°34'4"	S60-S61	49.02	119°37'47"	299°37'47"
S14-S15	157.96	9°37'53"	189°37'53"	S61-S62	176.05	263°54'31"	83°54'31"
S15-S16	86.96	112°10'17"	292°10'17"	S62-S63	51.41	195°44'58"	15°44'58"
S16-S17	219.00	1°57'47"	181°57'47"	S63-S64	43.13	264°21'1"	84°21'1"
S17-S18	66.85	299°42'27"	119°42'27"	S64-S65	60.77	304°18'18"	124°18'18"
S18-S19	141.18	39°14'56"	219°14'56"	S65-S66	172.65	264°50'57"	84°50'57"
S19-S20	564.68	86°26'20"	266°26'20"	S66-S67	141.32	275°53'29"	95°53'29"
S20-S21	152.60	167°58'52"	347°58'52"	S67-S68	262.56	288°25'16"	108°25'16"
S21-S22	51.59	255°47'20"	75°47'20"	S68-S69	23.14	319°27'0"	139°27'0"
S22-S23	54.25	263°7'24"	83°7'24"	S69-S70	90.77	90°8'11"	270°8'11"
S23-S24	29.33	117°4'12"	297°4'12"	S70-S71	77.59	71°6'20"	251°6'20"
S24-S25	63.19	120°13'38"	300°13'38"	S71-S72	85.56	87°21'51"	267°21'51"
S25-S26	23.57	60°44'17"	240°44'17"	S72-S73	46.53	69°22'24"	249°22'24"
S26-S27	45.17	11°10'38"	191°10'38"	S73-S74	1227.27	60°43'31"	240°43'31"
S27-S28	60.01	125°22'57"	305°22'57"	S74-S75	45.78	107°46'48"	287°46'48"
S28-S29	139.89	125°22'57"	305°22'57"	S75-S76	56.75	185°23'39"	5°23'39"
S29-S30	25.10	155°51'39"	335°51'39"	S76-S77	87.88	173°17'50"	353°17'50"
S30-S31	97.73	269°18'46"	89°18'46"	S77-S78	190.24	109°2'3"	289°2'3"
S31-S32	85.15	296°28'54"	116°28'54"	S78-S79	121.44	98°58'0"	278°58'0"
S32-S33	99.57	296°56'48"	116°56'48"	S79-S80	247.00	173°8'15"	353°8'15"
S33-S34	43.19	217°47'39"	37°47'39"	S80-S81	184.59	176°38'19"	356°38'19"
S34-S35	75.30	186°12'36"	6°12'36"	S81-S82	203.26	272°25'48"	92°25'48"
S35-S36	61.53	260°48'0"	80°48'0"	S82-S83	188.84	238°25'26"	58°25'26"
S36-S37	32.90	324°28'55"	144°28'55"	S83-S84	124.98	298°24'29"	118°24'29"
S37-S38	54.02	251°54'51"	71°54'51"	S84-S85	110.24	23°20'49"	203°20'49"
S38-S39	27.84	133°20'5"	313°20'5"	S85-S86	74.67	126°17'3"	306°17'3"
S39-S40	31.14	172°34'35"	352°34'35"	S86-S87	174.54	21°0'47"	201°0'47"
S40-S41	62.16	271°18'58"	91°18'58"	S87-S88	88.59	358°31'14"	178°31'14"
S41-S42	30.26	1°18'50"	181°18'50"	S88-S89	140.08	29°44'39"	209°44'39"
S42-S43	18.06	55°32'18"	235°32'18"	S89-S90	79.60	312°42'9"	132°42'9"
S43-S44	21.49	350°56'52"	170°56'52"	S90-S91	49.82	269°5'26"	89°5'26"
S44-S45	58.43	347°29'20"	167°29'20"	S91-S92	130.99	316°31'49"	136°31'49"
S45-S46	41.90	50°59'6"	230°59'6"	S92-S93	59.88	215°42'24"	35°42'24"
S46-S47	49.58	84°35'31"	264°35'31"	S93-S94	94.02	323°39'1"	143°39'1"
S47-S48	70.17	11°42'33"	191°42'33"	S94-S1	1077.58	282°47'35"	102°47'35"

Table: III (Sijua)									
Plot-wise location and area of CA Land									
Sl.No.	Plot No.	Village	Forest range	Thana No.	Thana	District	Net Area (in Ha.)	Perimeter(in Metre)	Gross Area (in Ha.)
1	2, 8, 10, 11, 12	Sijua	Gawan	351	Gawan	Giridih	50.00	8661.84	212.64
		Total					50.00	8661.84	212.64
									11946.88

Legend

- Pillar_Sijua
- Road
- Sijua_CA_Land
- Sijua_Total_Forest
- Village_Boundary

Customer

Project

Subject

Central Coalfields Limited

Preparation of Georeferenced Boundary Map of Proposed CA Land (2012.34 Ha) against Forest Land of (1006.17 Ha.) in Kotre Basantpur OCP, CCL

Plan Showing CA Land at Village- Sijua Thana: Gawan - 351 Forest Range: Gawan District: Giridih

Job No. 064319138

Activity	Designation	Signature	Date
Surveyed / Processed by	S.Prasad	Sr.Surveyor(C)	
	S.K.Dixit	Ch. Manager(M)	
	M.Rastogi	Ch. Manager(C)	
Checked by	R.Kumar	GM (Geomatics)	
Approved by			
Scale -	1:4000		
Drg No.	REV. 0		

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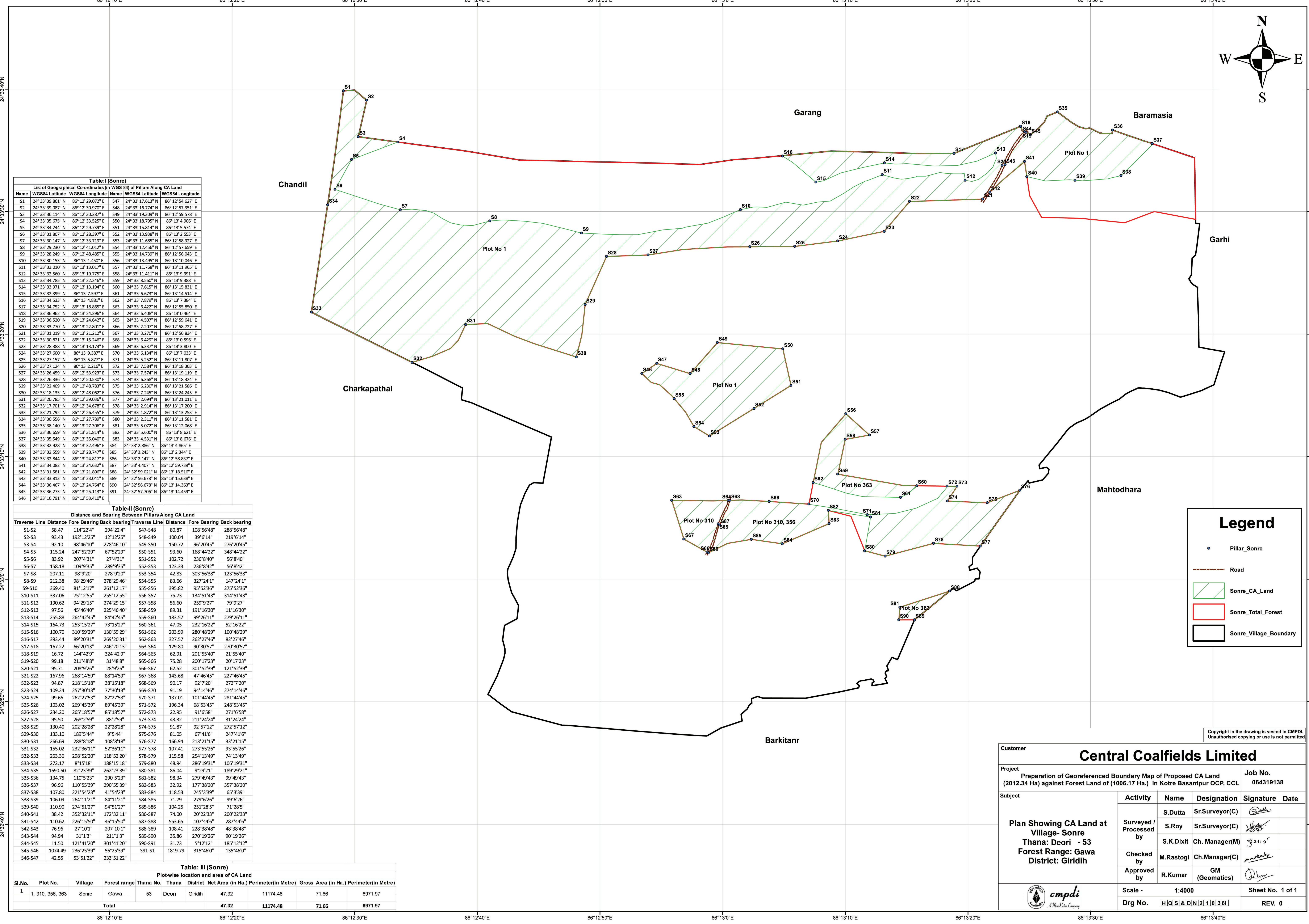


Table-I (Sonre)					
List of Geographical Co-ordinates (in WGS 84) of Pillars Along CA Land					
Name	WGS84 Latitude	WGS84 Longitude	Name	WGS84 Latitude	WGS84 Longitude
S1	24° 33' 39.861" N	86° 12' 29.072" E	S47	24° 33' 17.613" N	86° 12' 54.627" E
S2	24° 33' 39.087" N	86° 12' 30.970" E	S48	24° 33' 16.774" N	86° 12' 57.351" E
S3	24° 33' 36.114" N	86° 12' 30.287" E	S49	24° 33' 19.309" N	86° 12' 59.578" E
S4	24° 33' 35.675" N	86° 12' 33.525" E	S50	24° 33' 18.795" N	86° 13' 4.906" E
S5	24° 33' 34.244" N	86° 12' 29.739" E	S51	24° 33' 15.814" N	86° 13' 5.574" E
S6	24° 33' 31.807" N	86° 12' 28.397" E	S52	24° 33' 13.988" N	86° 13' 2.553" E
S7	24° 33' 30.147" N	86° 12' 33.719" E	S53	24° 33' 11.685" N	86° 12' 58.927" E
S8	24° 33' 29.230" N	86° 12' 41.012" E	S54	24° 33' 12.456" N	86° 12' 57.659" E
S9	24° 33' 28.249" N	86° 12' 48.485" E	S55	24° 33' 14.739" N	86° 12' 56.043" E
S10	24° 33' 30.153" N	86° 13° 1.450" E	S56	24° 33' 13.495" N	86° 13' 10.046" E
S11	24° 33' 33.010" N	86° 13° 13.017" E	S57	24° 33' 11.768" N	86° 13' 11.965" E
S12	24° 33' 32.560" N	86° 13' 19.775" E	S58	24° 33' 11.411" N	86° 13' 9.991" E
S13	24° 33' 34.785" N	86° 13' 22.246" E	S59	24° 33' 8.560" N	86° 13' 9.388" E
S14	24° 33' 33.971" N	86° 13' 13.194" E	S60	24° 33' 7.615" N	86° 13' 15.831" E
S15	24° 33' 32.399" N	86° 13' 7.597" E	S61	24° 33' 6.673" N	86° 13' 14.514" E
S16	24° 33' 34.533" N	86° 13' 4.881" E	S62	24° 33' 7.879" N	86° 13' 7.384" E
S17	24° 33' 34.752" N	86° 13' 18.865" E	S63	24° 33' 6.422" N	86° 12' 55.850" E
S18	24° 33' 36.962" N	86° 13' 24.296" E	S64	24° 33' 6.408" N	86° 13' 0.464" E
S19	24° 33' 36.520" N	86° 13' 24.642" E	S65	24° 33' 4.507" N	86° 12' 59.641" E
S20	24° 33' 33.770" N	86° 13' 22.801" E	S66	24° 33' 2.207" N	86° 12' 58.727" E
S21	24° 33' 31.019" N	86° 13' 21.212" E	S67	24° 33' 3.270" N	86° 12' 56.834" E
S22	24° 33' 30.821" N	86° 13' 15.246" E	S68	24° 33' 6.429" N	86° 13' 0.596" E
S23	24° 33' 28.388" N	86° 13' 13.173" E	S69	24° 33' 6.337" N	86° 13' 3.800" E
S24	24° 33' 27.600" N	86° 13' 9.387" E	S70	24° 33' 6.134" N	86° 13' 7.033" E
S25	24° 33' 27.157" N	86° 13' 5.877" E	S71	24° 33' 5.252" N	86° 13' 11.807" E
S26	24° 33' 27.124" N	86° 13' 2.216" E	S72	24° 33' 7.584" N	86° 13' 18.303" E
S27	24° 33' 26.459" N	86° 12' 53.923" E	S73	24° 33' 7.574" N	86° 13' 19.119" E
S28	24° 33' 26.336" N	86° 12' 50.530" E	S74	24° 33' 6.368" N	86° 13' 18.324" E
S29	24° 33' 22.409" N	86° 12' 48.783" E	S75	24° 33' 6.230" N	86° 13' 21.586" E
S30	24° 33' 18.133" N	86° 12' 48.062" E	S76	24° 33' 7.245" N	86° 13' 24.245" E
S31	24° 33' 20.785" N	86° 12' 39.036" E	S77	24° 33' 2.694" N	86° 13' 21.011" E
S32	24° 33' 17.701" N	86° 12' 34.678" E	S78	24° 33' 2.914" N	86° 13' 17.200" E
S33	24° 33' 21.792" N	86° 12' 26.455" E	S79	24° 33' 1.872" N	86° 13' 13.253" E
S34	24° 33' 30.556" N	86° 12' 27.789" E	S80	24° 33' 2.311" N	86° 13' 11.581" E
S35	24° 33' 38.140" N	86° 13' 27.306" E	S81	24° 33' 5.072" N	86° 13' 12.068" E
S36	24° 33' 36.659" N	86° 13' 31.814" E	S82	24° 33' 5.600" N	86° 13' 8.621" E
S37	24° 33' 35.549" N	86° 13' 35.040" E	S83	24° 33' 4.531" N	86° 13' 8.676" E
S38	24° 33' 32.928" N	86° 13' 32.496" E	S84	24° 33' 2.886" N	86° 13' 4.865" E
S39	24° 33' 32.559" N	86° 13' 28.747" E	S85	24° 33' 3.243" N	86° 13' 2.344" E
S40	24° 33' 32.844" N	86° 13' 24.817" E	S86	24° 33' 2.147" N	86° 12' 58.837" E
S41	24° 33' 34.082" N	86° 13' 24.632" E	S87	24° 33' 4.407" N	86° 12' 59.739" E
S42	24° 33' 31.581" N	86° 13' 21.806" E	S88	24° 32' 59.021" N	86° 13' 18.516" E
S43	24° 33' 33.813" N	86° 13' 23.041" E	S89	24° 32' 56.678" N	86° 13' 15.638" E
S44	24° 33' 36.467" N	86° 13' 24.764" E	S90	24° 32' 56.678" N	86° 13' 14.363" E
S45	24° 33' 36.273" N	86° 13' 25.113" E	S91	24° 32' 57.706" N	86° 13' 14.459" E
S46	24° 33' 16.791" N	86° 12' 53.410" E			

Table-II (Sonre)							
Distance and Bearing Between Pillars Along CA Land							
Traverse Line	Distance	Fore Bearing	Back bearing	Traverse Line	Distance	Fore Bearing	Back bearing
S1-S2	58.47	114°22'4"	294°22'4"	S47-S48	80.87	108°56'48"	288°56'48"
S2-S3	93.43	192°12'25"	12°12'25"	S48-S49	100.04	39°6'14"	219°6'14"
S3-S4	92.10	98°46'10"	278°46'10"	S49-S50	150.72	96°20'45"	276°20'45"
S4-S5	115.24	247°52'29"	67°52'29"	S50-S51	93.60	168°44'22"	348°44'22"
S5-S6	83.92	207°4'31"	27°4'31"	S51-S52	102.72	236°8'40"	56°8'40"
S6-S7	158.18	109°9'35"	289°9'35"	S52-S53	123.33	236°8'42"	56°8'42"
S7-S8	207.11	98°9'20"	278°9'20"	S53-S54	42.83	303°56'38"	123°56'38"
S8-S9	212.38	98°29'46"	278°29'46"	S54-S55	83.66	327°24'1"	147°24'1"
S9-S10	369.40	81°12'17"	261°12'17"	S55-S56	395.82	95°52'36"	275°52'36"
S10-S11	337.06	75°12'55"	255°12'55"	S56-S57	75.73	134°51'43"	314°51'43"
S11-S12	190.62	94°29'15"	274°29'15"	S57-S58	56.60	259°9'27"	79°9'27"
S12-S13	97.56	45°46'40"	225°46'40"	S58-S59	89.31	191°16'30"	11°16'30"
S13-S14	255.88	264°42'45"	84°42'45"	S59-S60	183.57	99°26'11"	279°26'11"
S14-S15	164.73	253°15'27"	73°15'27"	S60-S61	47.05	232°16'22"	52°16'22"
S15-S16	100.70	310°59'29"	130°59'29"	S61-S62	203.99	280°48'29"	100°48'29"
S16-S17	393.44	89°20'31"	269°20'31"	S62-S63	327.57	262°27'46"	82°27'46"
S17-S18	167.22	66°20'13"	246°20'13"	S63-S64	129.80	90°30'57"	270°30'57"
S18-S19	16.72	144°42'9"	324°42'9"	S64-S65	62.91	201°55'40"	21°55'40"
S19-S20	99.18	211°48'8"	31°48'8"	S65-S66	75.28	200°17'23"	20°17'23"
S20-S21	95.71	208°9'26"	28°9'26"	S66-S67	62.52	301°52'39"	121°52'39"
S21-S22	167.96	268°14'59"	88°14'59"	S67-S68	143.68	47°46'45"	227°46'45"
S22-S23	94.87	218°15'18"	38°15'18"	S68-S69	90.17	92°7'20"	272°7'20"
S23-S24	109.24	257°30'13"	77°30'13"	S69-S70	91.19	94°14'46"	274°14'46"
S24-S25	99.66	262°27'53"	82°27'53"	S70-S71	137.01	101°44'45"	281°44'45"
S25-S26	103.02	269°45'39"	89°45'39"	S71-S72	196.34	68°53'45"	248°53'45"
S26-S27	234.20	265°18'57"	85°18'57"	S72-S73	22.95	91°6'58"	271°6'58"
S27-S28	95.50	268°2'59"	88°2'59"	S73-S74	43.32	211°24'24"	31°24'24"
S28-S29	130.40	202°28'28"	22°28'28"	S74-S75	91.87	92°57'12"	272°57'12"
S29-S30	133.10	189°5'44"	9°5'44"	S75-S76	81.05	67°41'6"	247°41'6"
S30-S31	266.69	288°8'18"	108°8'18"	S76-S77	166.94	213°21'15"	33°21'15"
S31-S32	155.02	232°36'11"	52°36'11"	S77-S78	107.41	273°55'26"	93°55'26"
S32-S33	263.36	298°52'20"	118°52'20"	S78-S79	115.58	254°13'49"	74°13'49"
S33-S34	272.17	8°15'18"	188°15'18"	S79-S80	48.94	286°19'31"	106°19'31"
S34-S35	1690.50	82°23'39"	262°23'39"	S80-S81	86.04	9°29'21"	189°29'21"
S35-S36	134.75	110°5'23"	290°5'23"	S81-S82	98.34	279°49'43"	99°49'43"
S36-S37	96.96	110°55'39"	290°55'39"	S82-S83	32.92	177°38'20"	357°38'20"
S37-S38	107.80	221°54'23"	41°54'23"	S83-S84	118.53	245°3'39"	65°3'39"
S38-S39	106.09	264°11'21"	84°11'21"	S84-S85	71.79	279°6'26"	99°6'26"
S39-S40	110.90	274°51'27"	94°51'27"	S85-S86	104.25	251°28'5"	71°28'5"
S40-S41	38.42	352°32'11"	172°32'11"	S86-S87	74.00	20°22'33"	200°22'33"
S41-S42	110.62	226°15'50"	46°15'50"	S87-S88	553.65	107°44'6"	287°44'6"
S42-S43	76.96	27°10'1"	207°10'1"	S88-S89	108.41	228°38'48"	48°38'48"
S43-S44	94.94	31°1'3"	211°1'3"	S89-S90	35.86	270°19'26"	90°19'26"
S44-S45	11.50	121°41'20"	301°41'20"	S90-S91	31.73	5°12'12"	185°12'12"
S45-S46	1074.49	236°25'39"	56°25'39"	S91-S1	1819.79	315°46'0"	135°46'0"
S46-S47	42.55	53°51'22"	233°51'22"				

Table: III (Sonre)									
Plot-wise location and area of CA Land									
Sl.No.	Plot No.	Village	Forest range	Thana No.	Thana	District	Net Area (in Ha.)	Perimeter(in Metre)	Gross Area (in Ha.) Perimeter(in Metre)
1	1, 310, 356, 363	Sonre	Gawa	53	Deori	Giridih	47.32	11174.48	71.66 8971.97
Total							47.32	11174.48	71.66 8971.97

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Customer					
Central Coalfields Limited					
Project				Job No.	
Preparation of Georeferenced Boundary Map of Proposed CA Land (2012.34 Ha) against Forest Land of (1006.17 Ha.) in Kotre Basantpur OCP, CCL				064319138	
Subject					
	Activity	Name	Designation	Signature	Date
Plan Showing CA Land at Village- Sonre Thana: Deori - 53 Forest Range: Gawa District: Giridih	Surveyed / Processed by	S.Dutta	Sr.Surveyor(C)		
		S.Roy	Sr.Surveyor(C)		
		S.K.Dixit	Ch. Manager(M)		
Checked by	M.Rastogi	Ch.Manager(C)			
Approved by	R.Kumar	GM (Geomatics)			
Scale -			1:4000		Sheet No. 1 of 1
Drg No.			HQS&DN210361		REV. 0