

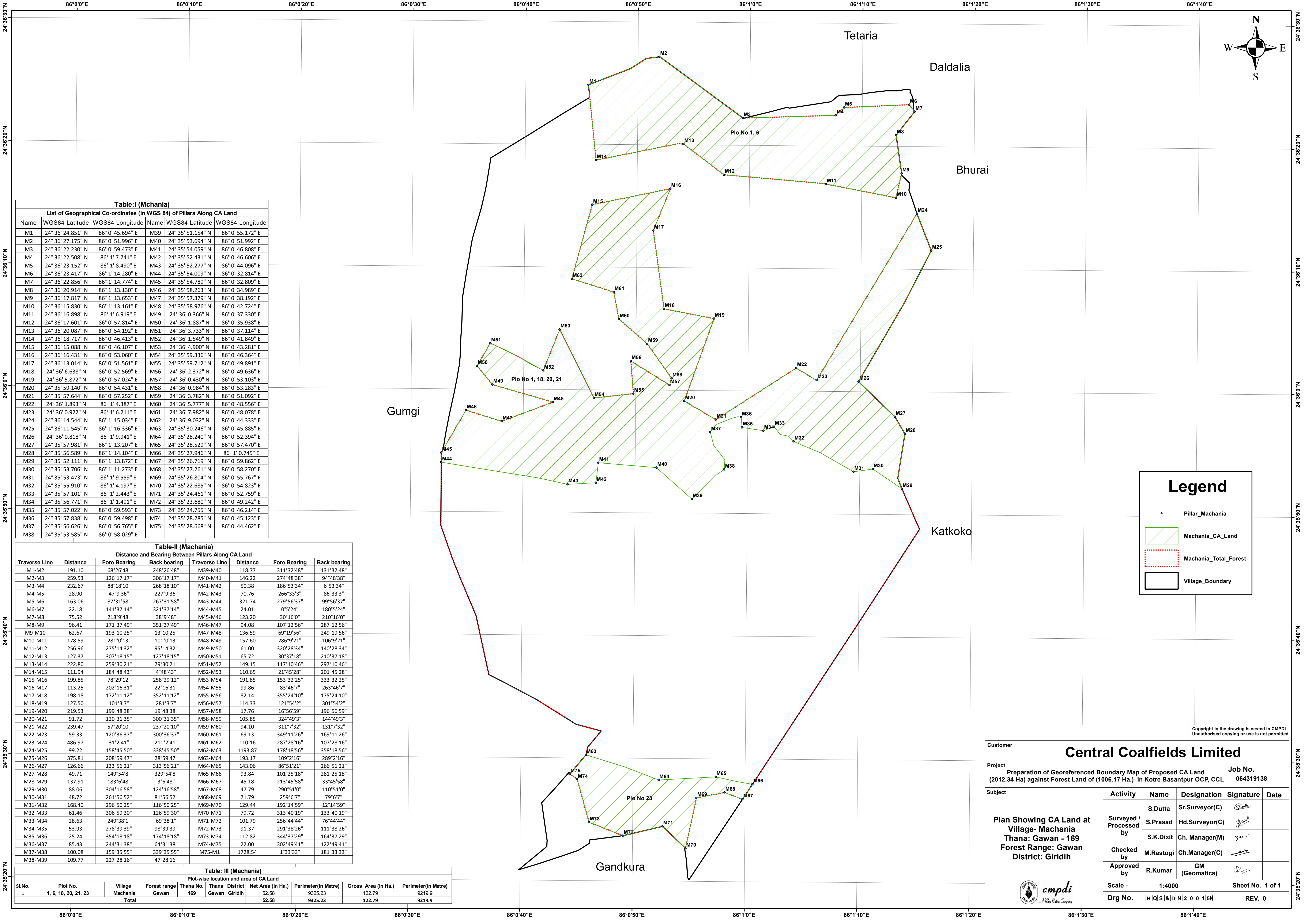


Table:I (Mchania)					
List of Geographical Co-ordinates (in WGS 84) of Pillars Along CA Land					
Name	WGS84 Latitude	WGS84 Longitude	Name	WGS84 Latitude	WGS84 Longitude
M1	24° 36' 24.851" N	86° 0' 45.694" E	M39	24° 35' 51.154" N	86° 0' 55.172" E
M2	24° 36' 27.175" N	86° 0' 51.996" E	M40	24° 35' 53.694" 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
M1-M2	191.10	68°26'48"	248°26'48"	M39-M40	118.77	311°32'48"
M2-M3	259.53	126°17'17"	306°17'17"	M40-M41	146.22	274°48'38"
M3-M4	232.67	88°18'10"	268°18'10"	M41-M42	50.38	186°53'34"
M4-M5	28.90	47°9'36"	227°9'36"	M42-M43	70.76	266°33'3"
M5-M6	163.06	87°31'58"	267°31'58"	M43-M44	321.74	279°56'37"
M6-M7	22.18	141°37'14"	321°37'14"	M44-M45	24.01	0°5'24"
M7-M8	75.52	218°9'48"	38°9'48"	M45-M46	123.20	30°16'0"
M8-M9	96.41	171°37'49"	351°37'49"	M46-M47	94.08	107°12'56"
M9-M10	62.67	193°10'25"	13°10'25"	M47-M48	136.59	69°19'56"
M10-M11	178.59	281°0'13"	101°0'13"	M48-M49	157.60	286°9'21"
M11-M12	256.96	275°14'32"	95°14'32"	M49-M50	61.00	320°28'34"
M12-M13	127.37	307°18'15"	127°18'15"	M50-M51	65.72	30°37'18"
M13-M14	222.80	259°30'21"	79°30'21"	M51-M52	149.15	117°10'46"
M14-M15	111.94	184°48'43"	4°48'43"	M52-M53	110.65	21°45'28"
M15-M16	199.85	78°29'12"	258°29'12"	M53-M54	191.85	153°32'25"
M16-M17	113.25	202°16'31"	22°16'31"	M54-M55	99.86	83°46'7"
M17-M18	198.18	172°11'12"	352°11'12"	M55-M56	82.14	355°24'10"
M18-M19	127.50	101°3'7"	281°3'7"	M56-M57	114.33	121°54'2"
M19-M20	219.53	199°48'38"	19°48'38"	M57-M58	17.76	16°56'59"
M20-M21	91.72	120°31'35"	300°31'35"	M58-M59	105.85	324°49'3"
M21-M22	239.47	57°20'10"	237°20'10"	M59-M60	94.10	311°7'32"
M22-M23	59.33	120°36'37"	300°36'37"	M60-M61	69.13	349°11'26"
M23-M24	486.97	31°2'41"	211°2'41"	M61-M62	110.16	287°28'16"
M24-M25	99.22	158°45'50"	338°45'50"	M62-M63	1193.87	178°18'56"
M25-M26	375.81	208°59'47"	28°59'47"	M63-M64	193.17	109°2'16"
M26-M27	126.66	133°56'21"	313°56'21"	M64-M65	143.06	86°51'21"
M27-M28	49.71	149°54'8"	329°54'8"	M65-M66	93.84	101°25'18"
M28-M29	137.91	183°6'48"	3°6'48"	M66-M67	45.18	213°45'58"
M29-M30	88.06	304°16'58"	124°16'58"	M67-M68	47.79	290°51'0"
M30-M31	48.72	261°56'52"	81°56'52"	M68-M69	71.79	259°6'7"
M31-M32	168.40	296°50'25"	116°50'25"	M69-M70	129.44	192°14'59"
M32-M33	61.46	306°59'30"	126°59'30"	M70-M71	79.72	313°40'19"
M33-M34	28.63	249°38'1"	69°38'1"	M71-M72	101.79	256°44'44"
M34-M35	53.93	278°39'39"	98°39'39"	M72-M73	91.37	291°38'26"
M35-M36	25.24	354°18'18"	174°18'18"	M73-M74	112.82	344°37'29"
M36-M37	85.43	244°31'38"	64°31'38"	M74-M75	22.00	302°49'41"
M37-M38	100.08	159°35'55"	339°35'55"	M75-M1	1728.54	1°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

Copyright in the drawing is vested in CMPDI. Unauthorised copying or use is not permitted.

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

Drg No.

H | Q | S | & | D | N | 2 | 0 | 0 | 1 | 5 | N

REV. 0

 **cmpdi**
A WhaRatu Company