

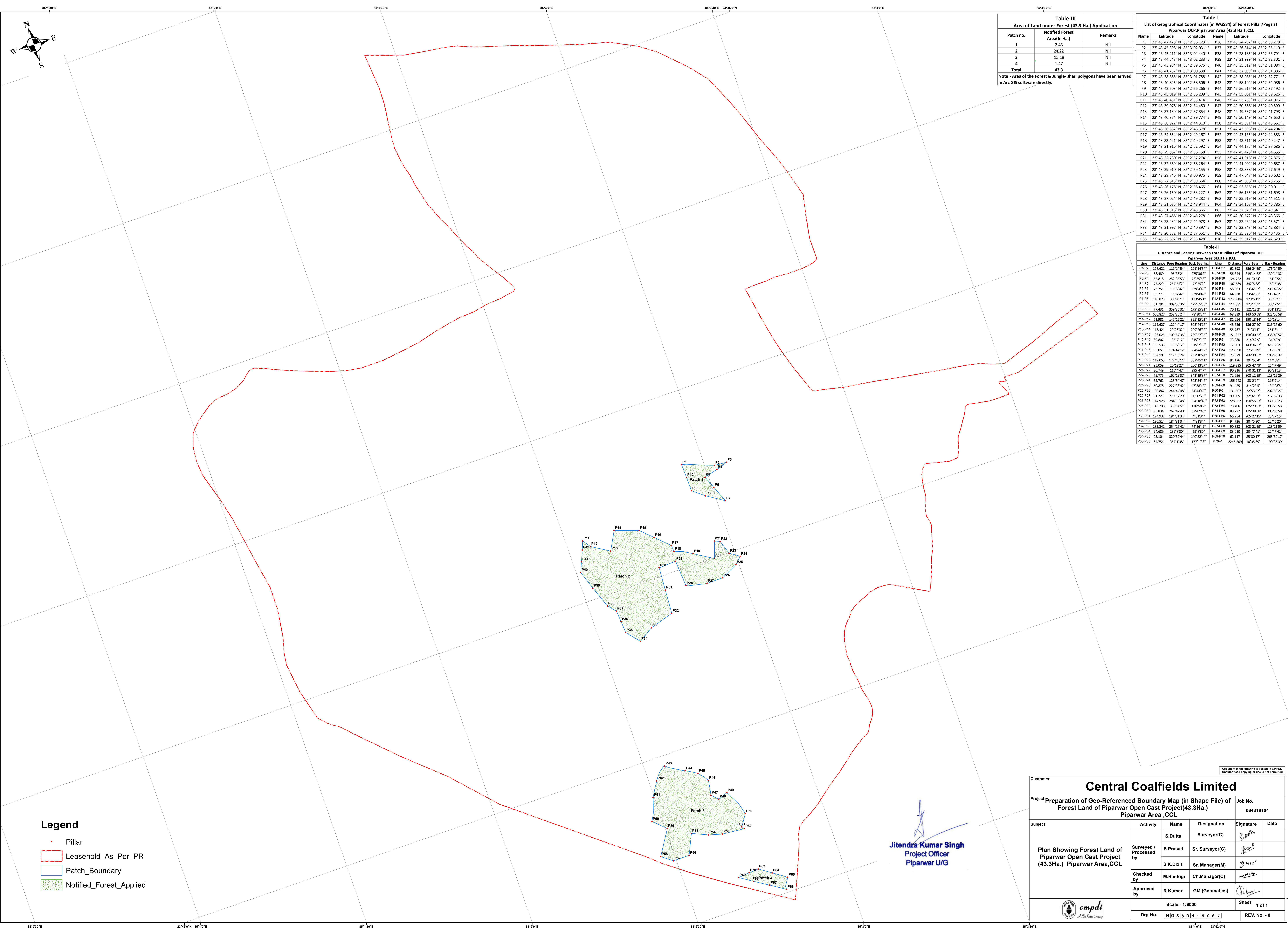


Table-III		
Area of Land under Forest (43.3 Ha.) Application		
Patch no.	Notified Forest Area(In Ha.)	Remarks
1	2.43	Nil
2	24.22	Nil
3	15.18	Nil
4	1.47	Nil
Total	43.3	
Note:- Area of the Forest & Jungle -ihari polygons have been arrived in Arc GIS software directly.		

Table-I					
List of Geographical Coordinates (in WGS84) of Forest Pillar/Pegs at Piparwar OCP,Piparwar Area (43.3 Ha.) ,CCL					
Name	Latitude	Longitude	Name	Latitude	Longitude
P1	23° 43' 41.423" N	85° 2' 56.123" E	P36	23° 43' 24.792" N	85° 2' 35.278" E
P2	23° 43' 45.398" N	85° 3' 02.031" E	P37	23° 43' 26.814" N	85° 2' 35.110" E
P3	23° 43' 45.211" N	85° 3' 04.440" E	P38	23° 43' 28.185" N	85° 2' 33.791" E
P4	23° 43' 44.543" N	85° 3' 02.233" E	P39	23° 43' 31.999" N	85° 2' 32.301" E
P5	23° 43' 43.984" N	85° 2' 59.575" E	P40	23° 43' 35.312" N	85° 2' 31.084" E
P6	23° 43' 41.757" N	85° 3' 00.538" E	P41	23° 43' 37.059" N	85° 2' 31.886" E
P7	23° 43' 38.865" N	85° 3' 01.788" E	P42	23° 43' 38.885" N	85° 2' 32.771" E
P8	23° 43' 40.825" N	85° 2' 58.506" E	P43	23° 42' 58.194" N	85° 2' 34.086" E
P9	23° 43' 42.503" N	85° 2' 56.266" E	P44	23° 42' 56.215" N	85° 2' 37.492" E
P10	23° 43' 45.019" N	85° 2' 56.209" E	P45	23° 42' 55.061" N	85° 2' 39.626" E
P11	23° 43' 40.451" N	85° 2' 33.414" E	P46	23° 42' 53.285" N	85° 2' 41.076" E
P12	23° 43' 39.076" N	85° 2' 34.488" E	P47	23° 42' 50.668" N	85° 2' 40.599" E
P13	23° 43' 37.139" N	85° 2' 37.854" E	P48	23° 42' 49.537" N	85° 2' 41.798" E
P14	23° 43' 40.374" N	85° 2' 39.774" E	P49	23° 42' 50.149" N	85° 2' 43.650" E
P15	23° 43' 38.922" N	85° 2' 44.310" E	P50	23° 42' 45.591" N	85° 2' 45.661" E
P16	23° 43' 36.882" N	85° 2' 46.578" E	P51	23° 42' 43.596" N	85° 2' 44.204" E
P17	23° 43' 34.554" N	85° 2' 49.167" E	P52	23° 42' 43.155" N	85° 2' 44.583" E
P18	23° 43' 31.421" N	85° 2' 49.297" E	P53	23° 42' 43.511" N	85° 2' 40.347" E
P19	23° 43' 31.916" N	85° 2' 52.592" E	P54	23° 42' 44.125" N	85° 2' 37.686" E
P20	23° 43' 29.867" N	85° 2' 56.158" E	P55	23° 42' 45.428" N	85° 2' 34.655" E
P21	23° 43' 32.780" N	85° 2' 57.274" E	P56	23° 42' 41.916" N	85° 2' 32.875" E
P22	23° 43' 32.369" N	85° 2' 58.264" E	P57	23° 42' 41.902" N	85° 2' 29.687" E
P23	23° 43' 29.910" N	85° 2' 59.155" E	P58	23° 42' 43.338" N	85° 2' 27.649" E
P24	23° 43' 28.746" N	85° 3' 00.975" E	P59	23° 42' 47.647" N	85° 2' 30.620" E
P25	23° 43' 27.615" N	85° 2' 59.664" E	P60	23° 42' 49.696" N	85° 2' 28.265" E
P26	23° 43' 26.176" N	85° 2' 56.465" E	P61	23° 42' 53.656" N	85° 2' 30.011" E
P27	23° 43' 26.150" N	85° 2' 53.227" E	P62	23° 42' 56.165" N	85° 2' 31.698" E
P28	23° 43' 27.024" N	85° 2' 49.282" E	P63	23° 42' 35.619" N	85° 2' 44.511" E
P29	23° 43' 31.681" N	85° 2' 48.944" E	P64	23° 42' 34.168" N	85° 2' 46.786" E
P30	23° 43' 31.518" N	85° 2' 45.566" E	P65	23° 42' 32.529" N	85° 2' 49.341" E
P31	23° 43' 27.466" N	85° 2' 45.278" E	P66	23° 42' 30.572" N	85° 2' 48.365" E
P32	23° 43' 23.234" N	85° 2' 44.978" E	P67	23° 42' 32.262" N	85° 2' 45.571" E
P33	23° 43' 21.997" N	85° 2' 40.397" E	P68	23° 42' 33.843" N	85° 2' 42.884" E
P34	23° 43' 20.382" N	85° 2' 37.551" E	P69	23° 42' 35.326" N	85° 2' 40.436" E
P35	23° 43' 22.692" N	85° 2' 35.428" E	P70	23° 42' 35.512" N	85° 2' 42.620" E

Table-II							
Distance and Bearing Between Forest Pillars of Piparwar OCP,							
Line	Distance	Fore Bearing	Back Bearing	Line	Distance	Fore Bearing	Back Bearing
P1-P2	178.621	111°14'54"	291°14'54"	P36-P37	62.388	83°24'59"	176°24'59"
P2-P3	68.480	92°36'27"	275°36'27"	P37-P38	56.344	319°14'52"	139°14'52"
P3-P4	65.818	252°35'53"	77°35'53"	P38-P39	124.722	341°0'54"	161°0'54"
P4-P5	77.229	257°55'21"	77°55'21"	P39-P40	107.589	342°5'38"	162°5'38"
P5-P6	73.751	159°44'42"	339°44'42"	P40-P41	58.363	23°42'22"	203°42'22"
P6-P7	95.773	159°44'42"	339°44'42"	P41-P42	64.338	23°42'21"	203°42'21"
P7-P8	100.823	303°45'11"	123°45'11"	P42-P43	1255.604	179°5'11"	359°5'11"
P8-P9	81.794	309°55'36"	129°55'36"	P43-P44	114.081	123°2'51"	303°2'51"
P9-P10	77.631	399°55'11"	179°55'11"	P44-P45	91.111	121°1'27"	301°1'27"
P10-P11	660.827	258°30'24"	78°30'24"	P45-P46	68.339	143°50'58"	323°50'58"
P11-P12	51.981	145°15'21"	325°15'21"	P46-P47	81.654	190°18'14"	10°18'14"
P12-P13	112.627	122°44'17"	302°44'17"	P47-P48	48.656	136°27'50"	316°27'50"
P13-P14	113.421	29°26'32"	269°26'32"	P48-P49	55.737	71°9'13"	251°9'13"
P14-P15	136.025	109°57'35"	289°57'35"	P49-P50	151.357	158°40'52"	338°40'52"
P15-P16	89.807	135°7'12"	315°7'12"	P50-P51	73.980	214°42'57"	34°42'57"
P16-P17	102.335	135°7'12"	315°7'12"	P51-P52	71.803	143°26'27"	323°26'27"
P17-P18	35.053	174°44'12"	354°44'12"	P52-P53	123.390	276°10'59"	96°10'59"
P18-P19	104.191	117°10'24"	297°10'24"	P53-P54	75.379	286°30'32"	106°30'32"
P19-P20	119.055	122°46'11"	302°46'11"	P54-P55	94.126	294°58'41"	114°58'41"
P20-P21	95.059	207°13'27"	207°13'27"	P55-P56	119.335	205°47'46"	25°47'46"
P21-P22	30.749	115°44'47"	295°44'47"	P56-P57	90.316	270°31'13"	90°31'13"
P22-P23	79.775	162°19'37"	342°19'37"	P57-P58	72.696	308°12'29"	128°12'29"
P23-P24	62.762	125°54'07"	305°54'07"	P58-P59	156.748	33°2'24"	213°2'24"
P24-P25	50.878	227°38'42"	47°38'42"	P59-P60	91.425	314°23'51"	134°23'51"
P25-P26	100.867	244°44'48"	64°44'48"	P60-P61	131.507	22°53'27"	202°53'27"
P26-P27	91.725	270°17'29"	90°17'29"	P61-P62	90.865	32°32'33"	212°32'33"
P27-P28	114.938	284°18'48"	104°18'48"	P62-P63	708.862	150°52'52"	330°52'52"
P28-P29	143.738	356°58'21"	176°58'21"	P63-P64	78.406	125°29'53"	305°29'53"
P29-P30	95.834	267°42'40"	87°42'40"	P64-P65	88.227	125°38'58"	305°38'58"
P30-P31	124.932	184°31'34"	4°31'34"	P65-P66	86.264	205°27'15"	25°27'15"
P31-P32	130.514	184°31'34"	4°31'34"	P66-P67	94.736	304°5'20"	124°5'20"
P32-P33	135.241	254°26'42"	74°26'42"	P67-P68	90.328	303°21'59"	123°21'59"
P33-P34	94.689	239°8'30"	59°8'30"	P68-P69	83.010	304°7'41"	124°7'41"
P34-P35	93.104	332°32'04"	142°32'04"	P69-P70	62.117	85°30'17"	265°30'17"
P35-P36	64.754	357°1'38"	177°1'38"	P70-P1	2245.509	10°35'39"	190°35'39"

- Legend**
- Pillar
 - Leasehold_As_Per_PR
 - Patch_Boundary
 - Notified_Forest_Applied

Jitendra Kumar Singh
Project Officer
Piparwar U/G

Customer					
Central Coalfields Limited					
Project Preparation of Geo-Referenced Boundary Map (in Shape File) of Forest Land of Piparwar Open Cast Project(43.3Ha.) Piparwar Area ,CCL					Job No. 064318104
Subject	Activity	Name	Designation	Signature	Date
	Surveyed / Processed by	S.Dutta	Surveyor(C)		
		S.Prasad	Sr. Surveyor(C)		
		S.K.Dixit	Sr. Manager(M)		
	Checked by	M.Rastogi	Ch.Manager(C)		
Approved by	R.Kumar	GM (Geomatics)			
Scale - 1:6000					
Drg No. H Q S & D N 1 9 0 6 7					Sheet 1 of 1
					REV. No. - 0