

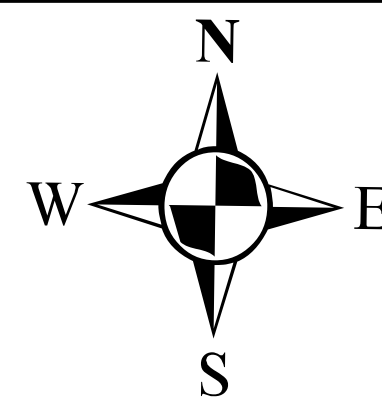


Table:1					
List of Geographical Co-ordinates (in WGS 84) of pillars along CA Land					
Name	WGS84 Latitude	WGS84 Longitude	Name	WGS84 Latitude	WGS84 Longitude
S1	23°30'35.70693"N	85°07'17.98101"E	S28	23°30'33.98818"N	85°07'46.33101"E
S2	23°30'37.79497"N	85°07'26.70946"E	S29	23°30'34.20417"N	85°07'42.36646"E
S3	23°30'41.55696"N	85°07'28.66170"E	S30	23°30'40.62504"N	85°07'43.81004"E
S4	23°30'44.26376"N	85°07'20.31203"E	S31	23°30'43.85163"N	85°07'43.04875"E
S5	23°30'51.70196"N	85°07'21.79681"E	S32	23°30'47.98360"N	85°07'39.24074"E
S6	23°30'55.19068"N	85°07'26.25573"E	S33	23°30'51.19681"N	85°07'34.67542"E
S7	23°30'55.33506"N	85°07'34.14899"E	S34	23°30'55.30953"N	85°07'31.45124"E
S8	23°30'55.22140"N	85°07'40.37057"E	S35	23°30'50.20523"N	85°07'33.08003"E
S9	23°30'55.11165"N	85°07'46.37840"E	S36	23°30'46.45897"N	85°07'35.93028"E
S10	23°30'53.56121"N	85°07'51.10990"E	S37	23°30'44.00838"N	85°07'38.97035"E
S11	23°30'51.47066"N	85°07'53.60957"E	S38	23°30'39.19993"N	85°07'37.21359"E
S12	23°30'50.47064"N	85°08'00.36279"E	S39	23°30'37.02275"E	85°07'30.70571"E
S13	23°30'50.62689"N	85°08'05.23797"E	S40	23°30'34.68136"E	85°07'28.92112"E
S14	23°30'53.27781"N	85°08'06.41755"E	S41	23°30'31.30534"N	85°07'29.78528"E
S15	23°30'53.94486"N	85°08'10.87637"E	S42	23°30'32.74444"N	85°07'24.73131"E
S16	23°30'54.83191"N	85°08'16.69244"E	S43	23°30'34.30917"N	85°07'18.96350"E
S17	23°30'49.57282"E	85°08'16.96227"E	S44	23°30'32.80725"E	85°07'19.17479"E
S18	23°30'44.66355"N	85°08'16.41315"E	S45	23°30'29.84948"N	85°07'24.23509"E
S19	23°30'46.38332"N	85°08'09.21865"E	S46	23°30'27.44752"N	85°07'20.09283"E
S20	23°30'41.36827"N	85°08'10.28733"E	S47	23°30'31.23524"N	85°07'19.12636"E
S21	23°30'43.82016"N	85°08'02.37472"E	S48	23°30'20.50221"N	85°08'06.10690"E
S22	23°30'42.48061"E	85°07'57.20508"E	S49	23°30'22.89223"N	85°08'11.42672"E
S23	23°30'37.76282"N	85°08'01.09441"E	S50	23°30'21.34580"N	85°08'17.06178"E
S24	23°30'34.51850"N	85°08'00.90571"E	S51	23°30'17.42235"N	85°08'12.49263"E
S25	23°30'32.81867"E	85°07'53.97706"E	S52	23°30'14.13944"N	85°08'08.19770"E
S26	23°30'36.90091"N	85°07'51.12634"E	S53	23°30'14.76773"N	85°08'05.82669"E
S27	23°30'37.32089"N	85°07'47.63322"E	S54	23°30'10.76817"N	85°08'06.64401"E

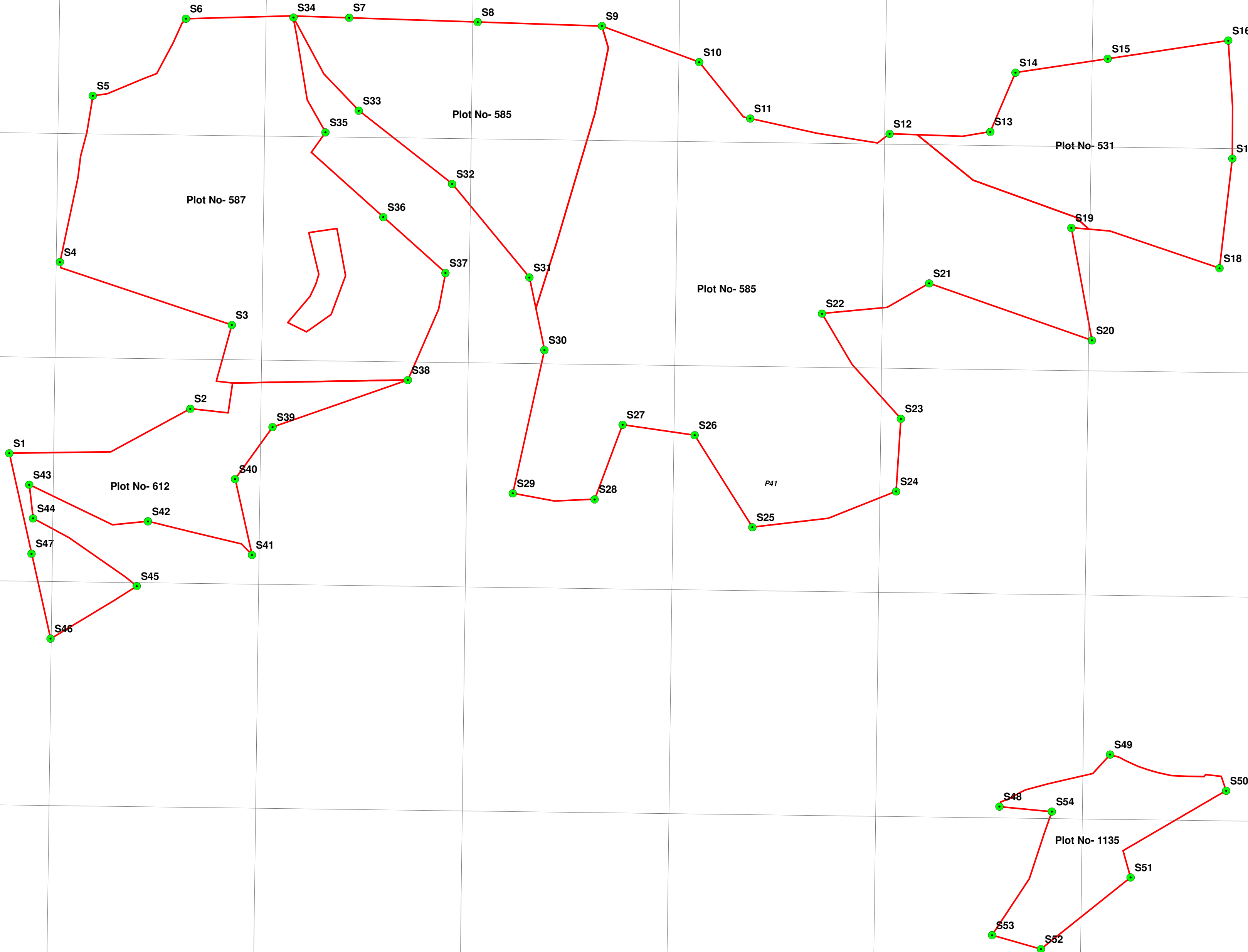
Table-I			
Distance and Bearing between the pillars along CA Land			
Traverse Line	Distance	Fore Bearing	Back bearing
S1-S2	231.887	76°59'22"	283°58'56"
S2-S3	128.887	26°19'21"	206°19'21"
S3-S4	251.684	240°07'3"	110°07'3"
S4-S5	232.107	11°10'46"	191°10'46"
S5-S6	165.902	50°26'27"	230°26'27"
S6-S7	223.982	89°36'43"	269°36'43"
S7-S8	176.544	91°52'56"	271°52'56"
S8-S9	170.480	91°52'54"	271°52'54"
S9-S10	142.460	110°18'32"	290°18'32"
S10-S11	104.314	137°54'54"	31°54'54"
S11-S12	132.499	96°17'7"	276°17'7"
S12-S13	128.387	88°45'15"	268°45'15"
S13-S14	88.154	23°31'7"	203°31'7"
S14-S15	128.154	81°31'40"	261°31'40"
S15-S16	167.247	81°21'8"	261°21'8"
S16-S17	161.980	178°24"	358°24"
S17-S18	151.838	186°37'56"	6°37'56"
S18-S19	210.862	285°16'32"	105°16'32"
S19-S20	157.242	169°37'35"	349°37'35"
S20-S21	236.826	289°19'3"	109°19'3"
S21-S22	152.699	254°14'20"	74°14'42"
S22-S23	180.555	143°42'20"	323°20'40"
S23-S24	99.955	189°47'7"	3°47'7"
S24-S25	203.324	256°09'7"	76°09'7"
S25-S26	148.916	327°50'57"	147°50'57"
S26-S27	99.977	278°18'52"	98°18'52"
S27-S28	109.219	200°31'6"	20°31'6"
S28-S29	112.677	274°73'9"	94°73'9"
S29-S30	201.745	12°27'36"	192°27'36"
S30-S31	101.676	348°15'16"	168°15'16"
S31-S32	166.576	320°29'25"	140°29'25"
S32-S33	162.938	308°55'59"	128°55'59"
S33-S34	156.133	324°53'2"	144°53'2"
S34-S35	163.696	164°21'3"	344°21'3"
S35-S36	140.794	145°41'39"	325°41'39"
S36-S37	104.559	131°54'20"	311°54'20"
S37-S38	156.106	199°22'0"	19°22'0"
S38-S39	196.414	250°48'30"	70°48'30"
S39-S40	88.050	215°51'4"	35°51'4"
S40-S41	106.720	167°27'58"	347°27'58"
S41-S42	150.071	287°54'27"	107°54'27"
S42-S43	170.579	287°8'30"	107°8'30"
S43-S44	46.596	173°21'27"	353°21'27"
S44-S45	169.981	123°6'58"	303°6'58"
S45-S46	138.828	238°35'16"	58°35'16"
S46-S47	139.733	347°28'18"	167°28'18"
S47-S48	1373.319	104°39'35"	284°39'35"
S48-S49	167.895	64°46'13"	244°46'13"
S49-S50	166.809	107°18'53"	287°18'53"
S50-S51	177.134	227°47'10"	47°47'10"
S51-S52	157.600	231°23'16"	51°23'16"
S52-S53	69.709	285°56'11"	105°56'11"
S53-S54	188.268	25°52'6"	205°52'6"
S54-S1	1513.424	288°58'52"	108°58'52"

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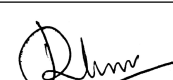
Legend

Pillar

CA Land



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Customer		Central Coalfields Limited				
Project		Preparation of Georeferenced Boundary Map of CA Land against Forest Land (126.72 Ha.) of KDH OCP CCL			Job No. 064318204	
Subject		Activity	Name	Designation	Signature	Date
Plan Showing CA Land at Village- Hatma Thana: Mandar District: Ranchi		Surveyed / Processed by	S.Roy	Surveyor(C)		
			S.Prasad	Sr.Surveyor(C)		
			S.K.Dixit	Sr. Manager(M)	3/21/25	
		Checked by	M.Rastogi	Ch.Manager(C)		
		Approved by	R.Kumar	HOD (Geomatics)		
  A Minerals Company		Scale -		1:4000		Sheet No. 1 of 1
		Drg No.		HQS&DN190119		REV. 0