

हिन्दुस्तान कॉपर लिमिटेड

(भारत सरकार का एक उपक्रम)

इन्डियन कॉपर कॉम्प्लेक्स

पो. ऑ. मऊभंडार- ८३२१०३

जिला - पूर्वी सिंहभूम (झारखण्ड)

CIN : L27201WB1967GOI028825



HINDUSTAN COPPER LIMITED

(A Govt. of India Enterprise)

INDIAN COPPER COMPLEX

P.O. MOUBHANDAR - 832103

Dist. East Singhbhum (Jharkhand)

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Ref. No. HCL/ICC/GM/SRD/FC/2023

Date: 13.12.2023

To,  
The Divisional Forest Officer,  
Jamshedpur, Jharkhand

Madam,

**Sub: Proposal for diversion of 65.52 ha of forest land for expansion of Surda Copper Underground Mine Project in favour of M/s Hindustan Copper Limited in district East Singhbhum, Jharkhand State (Online no. 8-64/1933-FC Vol.) - regarding**

**Ref:**

1. MoEF&CC, New Delhi, letter 8-64/1993-FC (Vol.). dtd. 27.10.2023 uploaded in PARIVESH portal on 27.10.2023
2. PCCF cum Executive Director wasteland Development Board, Jharkhand, Ranch letter no. 1092, dated 01.11.2023. uploaded in PARIVESH portal on 14.11.2023
3. Your letter no. 2565/Jamshedpur dated 07.11.2023 uploaded in PARIVESH Portal on 06.12.2023
4. Our reply vide letter no. HCL/ICC/GM/SRD/FC/2023, dated 29.11.2023 uploaded in PARIVESH portal on 07.12.2023
5. Your letter no.2982/Jamshedpur, dated 11.12.2023 uploaded in PARIVESH portal on 11.12.2023

In response to above your letter under reference (5) on captioned subject regarding compliance of condition no. VI of MoEF&CC letter no. 8-64/1993-FC, dtd 15.05.1998 as mentioned at point no. (i) of letter under reference (1), reply of HCL in respect of earlier diverted forest land of 83.51 ha (part of 189.74 ha as on date falling within Surda Mining Lease over an area of 388.68 ha) as per the prescribed format is enclosed as Annexure A.

This is for kind perusal and further needful.

Thanking you,

Yours faithfully,

(S S Sethi)

General Manager & Unit Head/ICC

Encl: As stated

*Smmy*



## Annexure - A

Sub: Compliance of condition no. VI of MoEF&CC letter no. 8-64/1993-FC, dtd 15.05.1998 Ref: DFO's Letter no. 2982/Jamshedpur, dated 11.12.2023 uploaded in PARIVESH portal on 11.12.2023

## FORMAT

Locations	Pillar No.		Coordinate DMS		Forward Bearing			Backward Bearing			Distance between pillars (m)
			Longitude, E	Latitude, N	D	M	S	D	M	S	
SURDA ML Forest	A1	A2	86° 25' 59.186" E	22° 33' 10.069" N	100	3	41.05	280	3	41.05	7.91
SURDA ML Forest	A2	A3	86° 25' 59.459" E	22° 33' 10.025" N	95	38	18.47	275	38	18.47	18.88
SURDA ML Forest	A3	A4	86° 26' 0.117" E	22° 33' 9.967" N	95	0	10.07	275	0	10.07	78.87
SURDA ML Forest	A4	A5	86° 26' 2.869" E	22° 33' 9.753" N	337	5	38.92	157	5	38.92	17.02
SURDA ML Forest	A5	A6	86° 26' 2.635" E	22° 33' 10.262" N	333	49	20.72	153	49	20.72	42.02
SURDA ML Forest	A6	A7	86° 26' 1.981" E	22° 33' 11.486" N	300	37	12.21	120	37	12.21	33.48
SURDA ML Forest	A7	A8	86° 26' 0.970" E	22° 33' 12.037" N	298	54	34.16	118	54	34.16	50.66
SURDA ML Forest	A8	A9	86° 25' 59.414" E	22° 33' 12.828" N	213	41	42.72	33	41	42.72	32.26
SURDA ML Forest	A9	A1	86° 25' 58.791" E	22° 33' 11.953" N	169	11	51.45	349	11	51.45	59.02
SURDA ML Forest	B1	B2	86° 25' 54.681" E	22° 33' 13.415" N	298	38	4.81	118	38	4.81	50.66
SURDA ML Forest	B2	B3	86° 25' 52.232" E	22° 33' 12.861" N	33	12	23.07	213	12	23.07	51.25
SURDA ML Forest	B3	B4	86° 25' 53.792" E	22° 33' 12.077" N	121	54	18.77	301	54	18.77	49.41
SURDA ML Forest	B4	B1	86° 25' 53.209" E	22° 33' 14.259" N	211	53	53.70	31	53	53.70	48.34
SURDA ML Forest	C1	C2	86° 25' 54.280" E	22° 33' 12.316" N	67	9	56.96	247	9	56.96	65.49
SURDA ML Forest	C2	C3	86° 25' 56.390" E	22° 33' 13.150" N	335	45	52.49	155	45	52.49	3.24
SURDA ML Forest	C3	C4	86° 25' 56.343" E	22° 33' 13.246" N	113	13	27.23	293	13	27.23	18.80
SURDA ML Forest	C4	C5	86° 25' 56.949" E	22° 33' 13.007" N	124	4	51.92	304	4	51.92	15.06
SURDA ML Forest	C5	C6	86° 25' 57.387" E	22° 33' 12.734" N	149	40	28.77	329	40	28.77	44.34
SURDA ML Forest	C6	C7	86° 25' 58.176" E	22° 33' 11.492" N	126	35	39.00	306	35	39.00	18.87
SURDA ML Forest	D1	D1A	86° 26' 19.863" E	22° 33' 15.575" N	293	28	49.41	113	28	49.41	66.25
SURDA ML Forest	D1A	D2	86° 26' 17.732" E	22° 33' 16.426" N	21	34	12.66	201	34	12.66	66.20
SURDA ML Forest	D2	D3	86° 26' 18.576" E	22° 33' 18.431" N	351	21	0.96	171	21	0.96	185.14
SURDA ML Forest	D3	D4	86° 26' 17.577" E	22° 33' 24.380" N	274	27	40.98	94	27	40.98	136.24
SURDA ML Forest	D4	D5	86° 26' 12.820" E	22° 33' 24.708" N	350	14	39.86	170	14	39.86	16.33
SURDA ML Forest	D5	D6	86° 26' 12.721" E	22° 33' 25.231" N	42	23	51.47	222	23	51.47	78.30
SURDA ML Forest	D6	D7	86° 26' 14.562" E	22° 33' 27.118" N	81	53	25.84	261	53	25.84	142.50
SURDA ML Forest	D7	D8	86° 26' 19.499" E	22° 33' 27.789" N	144	30	42.76	324	30	42.76	82.51
SURDA ML Forest	D8	D9	86° 26' 21.185" E	22° 33' 25.610" N	170	25	55.09	350	25	55.09	37.82
SURDA ML Forest	D9	D10	86° 26' 21.410" E	22° 33' 24.398" N	165	42	51.56	345	42	51.56	31.25
SURDA ML Forest	D10	D11	86° 26' 21.684" E	22° 33' 23.414" N	169	26	52.40	349	26	52.40	58.09

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(भारत सरकार का एक उपक्रम)  
इन्डियन कॉपर कॉमिशन  
झाक-मजरा



## Annexure - A

Sub: Compliance of condition no. VI of MoEF&CC letter no. 8-64/1993-FC, dtd 15.05.1998 Ref: DFO's Letter no. 2982/Jamshedpur, dated 11.12.2023 uploaded in PARIVESH portal on 11.12.2023

**FORMAT**

Locations	Pillar No.		Coordinate DMS		Forward Bearing			Backward Bearing			Distance between pillars (m)
			Longitude, E	Latitude, N	D	M	S	D	M	S	
SURDA ML Forest	D11	D12	86° 26' 22.064" E	22° 33' 21.558" N	175	51	30.10	355	51	30.10	62.79
SURDA ML Forest	D12	D13	86° 26' 22.231" E	22° 33' 19.522" N	270	48	48.13	90	48	48.13	55.95
SURDA ML Forest	D13	D14	86° 26' 20.272" E	22° 33' 19.541" N	222	40	34.36	42	40	34.36	42.26
SURDA ML Forest	D14	D15	86° 26' 19.273" E	22° 33' 18.527" N	131	54	30.49	311	54	30.49	73.55
SURDA ML Forest	D15	D1	86° 26' 21.196" E	22° 33' 16.936" N	222	30	30.30	42	30	30.30	56.58
SURDA ML Forest	F1	F2	86° 25' 47.329" E	22° 34' 7.692" N	31	38	9.98	211	38	9.98	76.32
SURDA ML Forest	F2	F3	86° 25' 48.722" E	22° 34' 9.810" N	103	6	19.20	283	6	19.20	34.74
SURDA ML Forest	F3	F4	86° 25' 49.908" E	22° 34' 9.558" N	142	56	0.21	322	56	0.21	38.61
SURDA ML Forest	F4	F5	86° 25' 50.727" E	22° 34' 8.559" N	211	53	7.29	31	53	7.29	28.72
SURDA ML Forest	F5	F6	86° 25' 50.199" E	22° 34' 7.764" N	208	58	49.86	28	58	49.86	30.45
SURDA ML Forest	F6	F7	86° 25' 49.686" E	22° 34' 6.896" N	217	5	6.10	37	5	6.10	30.94
SURDA ML Forest	F7	F1	86° 25' 49.036" E	22° 34' 6.091" N	315	30	1.35	135	30	1.35	69.28
SURDA ML Forest	G1	G2	86° 26' 4.887" E	22° 34' 10.846" N	346	50	17.75	166	50	17.75	119.22
SURDA ML Forest	G2	G3	86° 26' 3.921" E	22° 34' 14.618" N	260	44	28.45	80	44	28.45	24.84
SURDA ML Forest	G3	G4	86° 26' 3.063" E	22° 34' 14.485" N	261	2	47.93	81	2	47.93	84.12
SURDA ML Forest	G4	G5	86° 26' 0.155" E	22° 34' 14.049" N	357	41	50.85	177	41	50.85	38.31
SURDA ML Forest	G5	G6	86° 26' 0.096" E	22° 34' 15.294" N	72	43	56.20	252	43	56.20	102.55
SURDA ML Forest	G6	G7	86° 26' 3.521" E	22° 34' 16.296" N	350	19	59.69	170	19	59.69	51.41
SURDA ML Forest	G7	G8	86° 26' 3.212" E	22° 34' 17.943" N	272	0	55.48	92	0	55.48	291.26
SURDA ML Forest	G8	G9	86° 25' 53.016" E	22° 34' 18.243" N	148	14	19.14	328	14	19.14	34.19
SURDA ML Forest	G9	G10	86° 25' 53.652" E	22° 34' 17.297" N	83	13	1.30	263	13	1.30	17.41
SURDA ML Forest	G10	G11	86° 25' 54.257" E	22° 34' 17.366" N	148	56	44.84	328	56	44.84	202.01
SURDA ML Forest	G11	G12	86° 25' 57.929" E	22° 34' 11.751" N	61	31	43.05	241	31	43.05	118.76
SURDA ML Forest	G12	G13	86° 26' 1.577" E	22° 34' 13.605" N	173	43	40.66	353	43	40.66	87.43
SURDA ML Forest	G13	G1	86° 26' 1.923" E	22° 34' 10.780" N	88	50	37.18	268	50	37.18	84.67
SURDA ML Forest	I1	I2	86° 25' 53.54484" E	22° 34' 00.19909" N	327	46	18.04	147	46	18.04	11.57
SURDA ML Forest	I2	I3	86° 25' 53.32728" E	22° 34' 00.51691" N	11	53	11.66	191	53	11.66	37.14
SURDA ML Forest	I3	I4	86° 25' 53.63461" E	22° 34' 01.69060" N	327	16	33.86	147	16	33.86	18.53
SURDA ML Forest	I4	I5	86° 25' 53.28252" E	22° 34' 02.19525" N	357	14	3.87	177	14	3.87	59.83
SURDA ML Forest	I5	I6	86° 25' 53.17338" E	22° 34' 04.13988" N	12	19	1.27	192	19	1.27	21.79
SURDA ML Forest	I6	I7	86° 25' 53.33334" E	22° 34' 04.83292" N	318	17	19.04	138	17	19.04	21.22
SURDA ML Forest	I7	I8	86° 25' 52.83676" E	22° 34' 05.34644" N	14	32	1.63	194	32	1.63	40.24
SURDA ML Forest	I8	I9	86° 25' 53.18520" E	22° 34' 06.61456" N	77	40	18.15	257	40	18.15	11.38

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(भारत सरकार का एक उपक्रम)  
इन्डियन कॉपर कॉमप्लेक्स  
डाक-भऊषणहार-832103  
झारखण्ड



## Annexure - A

Sub: Compliance of condition no. VI of MoEF&CC letter no. 8-64/1993-FC, dtd 15.05.1998 Ref: DFO's Letter no. 2982/Jamshedpur, dated 11.12.2023 uploaded in PARIVESH portal on 11.12.2023

**FORMAT**

Locations	Pillar No.		Coordinate DMS		Forward Bearing			Backward Bearing			Distance between pillars (m)
			Longitude, E	Latitude, N	D	M	S	D	M	S	
SURDA ML Forest	I9	I10	86° 25' 53.57415" E	22° 34' 06.69495" N	23	21	20.49	203	21	20.49	35.21
SURDA ML Forest	I10	I11	86° 25' 54.05869" E	22° 34' 07.74806" N	150	11	53.99	330	11	53.99	9.94
SURDA ML Forest	I11	I12	86° 25' 54.23303" E	22° 34' 07.46784" N	87	36	29.72	267	36	29.72	58.40
SURDA ML Forest	I12	I13	86° 25' 56.27643" E	22° 34' 07.55434" N	40	1	58.46	220	1	58.46	52.00
SURDA ML Forest	I13	I14	86° 25' 57.44231" E	22° 34' 08.85324" N	132	52	53.69	312	52	53.69	6.83
SURDA ML Forest	I14	I15	86° 25' 57.61825" E	22° 34' 08.70265" N	32	59	43.67	212	59	43.67	52.71
SURDA ML Forest	I15	I16	86° 25' 58.61763" E	22° 34' 10.14408" N	11	25	41.39	191	25	41.39	47.14
SURDA ML Forest	I16	I17	86° 25' 58.93847" E	22° 34' 11.64749" N	66	5	37.88	246	5	37.88	32.69
SURDA ML Forest	I17	I18	86° 25' 59.98308" E	22° 34' 12.08194" N	21	16	23.86	201	16	23.86	12.20
SURDA ML Forest	I18	I19	86° 26' 00.13656" E	22° 34' 12.45219" N	72	9	55.85	252	9	55.85	36.94
SURDA ML Forest	I19	I20	86° 26' 01.36647" E	22° 34' 12.82447" N	53	19	3.99	233	19	3.99	68.29
SURDA ML Forest	UA1	UA2	86° 26' 16.936" E	22° 33' 14.792" N	259	13	14.38	79	13	14.38	95.61
SURDA ML Forest	UA2	UA3	86° 26' 13.650" E	22° 33' 14.199" N	203	38	23.29	23	38	23.29	65.88
SURDA ML Forest	UA3	UA4	86° 26' 12.733" E	22° 33' 12.233" N	234	8	39.04	54	8	39.04	28.41
SURDA ML Forest	UA4	UA5	86° 26' 11.929" E	22° 33' 11.689" N	140	0	3.28	320	0	3.28	29.47
SURDA ML Forest	UA5	UA6	86° 26' 12.524" E	22° 33' 10.906" N	59	38	16.79	239	38	16.79	33.97
SURDA ML Forest	UA6	UA7	86° 26' 13.548" E	22° 33' 11.468" N	108	43	8.63	288	43	8.63	64.73
SURDA ML Forest	UA7	UA8	86° 26' 15.697" E	22° 33' 10.800" N	186	47	3.58	6	47	3.58	29.71
SURDA ML Forest	UA8	UA9	86° 26' 15.578" E	22° 33' 9.840" N	200	1	49.61	20	1	49.61	48.70
SURDA ML Forest	UA9	UA10	86° 26' 15.000" E	22° 33' 8.350" N	163	0	42.02	343	0	42.02	44.52
SURDA ML Forest	UA10	UA11	86° 26' 15.461" E	22° 33' 6.967" N	268	46	37.08	88	46	37.08	82.08
SURDA ML Forest	UA11	UA12	86° 26' 12.588" E	22° 33' 6.900" N	266	52	36.00	86	52	36.00	64.92
SURDA ML Forest	UA12	UA13	86° 26' 10.319" E	22° 33' 6.777" N	49	6	14.17	229	6	14.17	39.24
SURDA ML Forest	UA13	UA14	86° 26' 11.354" E	22° 33' 7.616" N	290	15	2.48	110	15	2.48	43.44
SURDA ML Forest	UA14	UA15	86° 26' 9.925" E	22° 33' 8.100" N	290	41	16.68	110	41	16.68	80.27
SURDA ML Forest	UA15	UA16	86° 26' 7.292" E	22° 33' 9.013" N	235	13	8.22	155	13	8.22	59.54
SURDA ML Forest	UA16	UA17	86° 26' 6.411" E	22° 33' 10.768" N	236	41	35.73	56	41	35.73	61.63
SURDA ML Forest	UA17	UA18	86° 26' 4.612" E	22° 33' 9.661" N	281	57	40.03	101	57	40.03	170.71
SURDA ML Forest	UA18	UA19	86° 25' 58.760" E	22° 33' 10.791" N	328	6	37.71	148	6	37.71	121.17
SURDA ML Forest	UA19	UA20	86° 25' 56.505" E	22° 33' 14.129" N	335	46	35.82	155	46	35.82	34.72
SURDA ML Forest	UA20	UA21	86° 25' 56.002" E	22° 33' 15.157" N	350	44	19.65	170	44	19.65	23.41
SURDA ML Forest	UA21	UA22	86° 25' 55.867" E	22° 33' 15.908" N	21	59	59.23	201	59	59.23	147.62
SURDA ML Forest	UA22	UA23	86° 25' 57.785" E	22° 33' 20.366" N	338	16	45.59	158	16	45.59	150.14
SURDA ML Forest	UA23	UA24	86° 25' 55.821" E	22° 33' 24.895" N	335	34	54.60	155	34	54.60	132.64
SURDA ML Forest	UA24	UA25	86° 25' 53.885" E	22° 33' 28.816" N	355	38	21.44	175	38	21.44	81.93
SURDA ML Forest	UA25	UA26	86° 25' 53.656" E	22° 33' 31.472" N	326	51	16.67	146	51	15.67	101.58
SURDA ML Forest	UA26	UA27	86° 25' 51.700" E	22° 33' 34.231" N	4	23	18.59	184	23	18.59	135.50

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(भारत सरकार का एक उपक्रम)  
इन्डियन कॉपर कॉमिशन  
राज-भक्तगण्डार-832003



## Annexure - A

Sub: Compliance of condition no. VI of MoEF&CC letter no. 8-64/1993-FC, dtd 15.05.1998 Ref: DFO's Letter no. 2982/Jamshedpur, dated 11.12.2023 uploaded in PARIVESH portal on 11.12.2023

## FORMAT

Locations	Pillar No.		Coordinate DMS		Forward Bearing			Backward Bearing			Distance between pillars (m)
			Longitude, E	Latitude, N	D	M	S	D	M	S	
SURDA ML Forest	UA27	UA28	86° 25' 52.045" E	22° 33' 38.626" N	334	51	25.10	154	51	25.10	264.37
SURDA ML Forest	UA28	E59	86° 25' 48.080" E	22° 33' 46.395" N	350	6	23.84	170	6	23.84	279.77
SURDA ML Forest	E59	E56	86° 25' 46.360" E	22° 33' 55.352" N	33	21	5.79	213	21	5.79	38.30
SURDA ML Forest	E56	UA29	86° 25' 47.093" E	22° 33' 56.395" N	14	12	19.48	194	12	19.48	105.40
SURDA ML Forest	UA29	UA30	86° 25' 47.985" E	22° 33' 59.721" N	18	44	53.05	198	44	53.05	93.37
SURDA ML Forest	UA30	UA31	86° 25' 49.024" E	22° 34' 2.600" N	27	15	51.98	207	15	51.98	129.19
SURDA ML Forest	UA31	UA32	86° 25' 51.081" E	22° 34' 6.342" N	322	0	34.19	142	0	34.19	214.14
SURDA ML Forest	UA32	UA33	86° 25' 46.443" E	22° 34' 11.814" N	338	35	8.50	158	35	8.50	62.59
SURDA ML Forest	UA33	UA34	86° 25' 45.635" E	22° 34' 13.706" N	60	8	36.27	240	8	36.27	127.38
SURDA ML Forest	UA34	UA35	86° 25' 49.495" E	22° 34' 15.782" N	352	5	55.04	172	5	55.04	80.67
SURDA ML Forest	UA35	UA36	86° 25' 49.096" E	22° 34' 18.379" N	127	55	2.59	307	55	2.59	38.87
SURDA ML Forest	UA36	UA37	86° 25' 50.173" E	22° 34' 17.606" N	63	25	25.91	243	25	25.91	45.43
SURDA ML Forest	E1	E2	86° 26' 11.014" E	22° 33' 24.260" N	29	24	45.85	209	24	45.85	34.49
SURDA ML Forest	E2	E3	86° 26' 11.603" E	22° 33' 25.239" N	313	10	11.36	133	10	11.36	72.11
SURDA ML Forest	E3	E4	86° 26' 9.755" E	22° 33' 26.837" N	339	44	26.69	159	44	26.69	71.36
SURDA ML Forest	E4	E5	86° 26' 8.881" E	22° 33' 29.011" N	299	1	21.72	119	1	21.72	60.69
SURDA ML Forest	E5	E6	86° 26' 7.019" E	22° 33' 29.962" N	297	39	29.03	117	39	29.03	38.17
SURDA ML Forest	E6	E7	86° 26' 5.833" E	22° 33' 30.534" N	245	24	16.95	65	24	16.95	43.23
SURDA ML Forest	E7	E8	86° 26' 4.459" E	22° 33' 29.944" N	311	56	39.90	131	56	39.90	35.67
SURDA ML Forest	E8	E9	86° 26' 3.527" E	22° 33' 30.716" N	52	37	21.53	232	37	21.53	36.95
SURDA ML Forest	E9	E10	86° 26' 4.552" E	22° 33' 31.449" N	349	52	20.11	169	52	20.11	124.37
SURDA ML Forest	E10	E11	86° 26' 3.770" E	22° 33' 35.428" N	319	6	26.82	139	6	26.82	37.14
SURDA ML Forest	E11	E12	86° 26' 2.915" E	22° 33' 36.338" N	316	48	32.82	136	48	32.82	94.05
SURDA ML Forest	E12	E13	86° 26' 0.652" E	22° 33' 38.560" N	343	37	23.72	163	37	23.72	55.70
SURDA ML Forest	E13	E14	86° 26' 0.095" E	22° 33' 40.296" N	63	22	59.41	243	22	49.41	46.18
SURDA ML Forest	E14	E15	86° 26' 1.538" E	22° 33' 40.974" N	64	41	17.13	244	41	17.13	53.01
SURDA ML Forest	E15	E16	86° 26' 3.213" E	22° 33' 41.717" N	69	13	24.20	249	13	24.20	29.61
SURDA ML Forest	E16	E17	86° 26' 4.181" E	22° 33' 42.062" N	61	43	48.57	241	43	48.57	60.86
SURDA ML Forest	E17	E18	86° 26' 6.054" E	22° 33' 43.006" N	60	48	19.32	240	48	19.32	27.11
SURDA ML Forest	E18	E18A	86° 26' 6.881" E	22° 33' 43.439" N	318	40	50.84	138	40	50.84	39.11
SURDA ML Forest	E18A	E19	86° 26' 5.973" E	22° 33' 44.391" N	332	13	49.45	152	13	49.45	74.55
SURDA ML Forest	E19	E20	86° 26' 4.748" E	22° 33' 46.532" N	243	33	49.34	63	33	49.34	34.48
SURDA ML Forest	E20	E21	86° 26' 3.669" E	22° 33' 46.029" N	160	30	59.69	340	30	59.69	38.80
SURDA ML Forest	E21	E22	86° 26' 4.127" E	22° 33' 44.841" N	248	36	16.10	68	36	16.10	38.74
SURDA ML Forest	E22	E22A	86° 26' 2.866" E	22° 33' 44.377" N	248	27	33.33	68	27	33.33	3.57
SURDA ML Forest	E22A	E23	86° 26' 2.750" E	22° 33' 44.334" N	256	41	0.72	76	41	0.72	26.94
SURDA ML Forest	E23	E24	86° 26' 1.833" E	22° 33' 44.129" N	258	28	5.02	78	28	5.02	32.47

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हकाई प्रमुख

हिन्दुस्तान कॉपर लिमिटेड  
(भारत सरकार का एक उपक्रम)  
इन्डियन कॉपर कॉम्प्लेक्स  
डाक-बकसगढ़-832003



## Annexure - A

Sub: Compliance of condition no. VI of MoEF&CC letter no. 8-64/1993-FC, dtd 15.05.1998 Ref: DFO's Letter no. 2982/Jamshedpur, dated 11.12.2023 uploaded in PARIVESH portal on 11.12.2023

## FORMAT

Locations	Pillar No.		Coordinate DMS		Forward Bearing			Backward Bearing			Distance between pillars (m)
			Longitude, E	Latitude, N	D	M	S	D	M	S	
SURDA ML Forest	E24	E25	86° 26' 0.720" E	22° 33' 43.914" N	258	54	1.27	78	54	1.27	7.83
SURDA ML Forest	E25	E26	86° 26' 0.451" E	22° 33' 43.864" N	237	44	7.90	57	44	7.90	37.28
SURDA ML Forest	E26	E27	86° 25' 59.350" E	22° 33' 43.213" N	241	26	3.63	61	26	3.63	17.50
SURDA ML Forest	E27	E28	86° 25' 58.813" E	22° 33' 42.939" N	332	34	42.43	152	34	42.43	28.01
SURDA ML Forest	E28	E29	86° 25' 58.358" E	22° 33' 43.746" N	246	43	28.09	66	43	28.09	35.25
SURDA ML Forest	E29	E30	86° 25' 57.226" E	22° 33' 43.289" N	247	9	0.42	67	9	0.42	34.77
SURDA ML Forest	E30	E31	86° 25' 56.106" E	22° 33' 42.846" N	339	47	6.23	159	47	6.23	35.18
SURDA ML Forest	E31	E32	86° 25' 55.676" E	22° 33' 43.918" N	49	34	29.32	229	34	29.32	44.00
SURDA ML Forest	E32	E33	86° 25' 56.845" E	22° 33' 44.850" N	37	1	48.43	217	1	48.43	42.13
SURDA ML Forest	E33	E34	86° 25' 57.729" E	22° 33' 45.947" N	330	21	24.47	150	21	24.47	20.71
SURDA ML Forest	E34	E35	86° 25' 57.368" E	22° 33' 46.531" N	308	41	25.85	128	41	25.85	20.61
SURDA ML Forest	E35	E36	86° 25' 56.803" E	22° 33' 46.948" N	271	21	7.87	91	21	7.87	12.46
SURDA ML Forest	E36	E37	86° 25' 56.368" E	22° 33' 46.956" N	271	57	18.50	91	57	18.50	50.72
SURDA ML Forest	E37	E38	86° 25' 54.593" E	22° 33' 47.006" N	297	34	52.94	117	34	52.94	44.09
SURDA ML Forest	E38	E39	86° 25' 53.222" E	22° 33' 47.665" N	75	49	13.78	255	49	13.78	42.66
SURDA ML Forest	E39	E40	86° 25' 54.669" E	22° 33' 48.010" N	76	8	57.12	256	8	57.12	32.00
SURDA ML Forest	E40	E41	86° 25' 55.756" E	22° 33' 48.263" N	359	2	39.18	179	2	39.18	16.73
SURDA ML Forest	E41	E42	86° 25' 55.744" E	22° 33' 48.807" N	342	40	54.35	162	40	54.35	14.03
SURDA ML Forest	E42	E43	86° 25' 55.596" E	22° 33' 49.242" N	2	20	9.92	182	20	9.92	27.82
SURDA ML Forest	E43	E44	86° 25' 55.632" E	22° 33' 50.146" N	5	28	13.49	185	28	13.49	45.55
SURDA ML Forest	E44	E45	86° 25' 55.778" E	22° 33' 51.621" N	330	42	17.41	150	42	17.41	53.57
SURDA ML Forest	E45	E46	86° 25' 54.854" E	22° 33' 53.137" N	341	50	17.54	161	50	17.54	26.54
SURDA ML Forest	E46	E47	86° 25' 54.561" E	22° 33' 53.956" N	321	31	41.82	141	31	41.82	34.01
SURDA ML Forest	E47	E48	86° 25' 53.851" E	22° 33' 54.841" N	327	22	21.59	147	22	21.59	29.17
SURDA ML Forest	E48	E49	86° 25' 53.297" E	22° 33' 55.638" N	350	38	32.22	170	38	32.22	66.61
SURDA ML Forest	E49	E50	86° 25' 52.909" E	22° 33' 57.774" N	15	0	22.66	195	0	22.66	30.88
SURDA ML Forest	E50	E51	86° 25' 53.185" E	22° 33' 58.745" N	352	26	45.48	172	26	45.48	65.89
SURDA ML Forest	E51	E52	86° 25' 52.873" E	22° 34' 0.868" N	257	46	53.78	77	46	53.78	9.71
SURDA ML Forest	E52	E53	86° 25' 52.541" E	22° 34' 0.800" N	185	37	10.92	5	37	10.92	32.46
SURDA ML Forest	E53	E54	86° 25' 52.434" E	22° 33' 59.749" N	203	14	35.76	23	14	35.76	71.70
SURDA ML Forest	E54	E55	86° 25' 51.452" E	22° 33' 57.603" N	216	31	38.90	36	31	38.90	86.62
SURDA ML Forest	E55	E56	86° 25' 49.656" E	22° 33' 55.333" N	294	15	45.31	114	15	45.31	80.15
SURDA ML Forest	E56	E57	86° 25' 47.093" E	22° 33' 56.395" N	325	1	39.28	148	1	39.28	76.01
SURDA ML Forest	E57	E58	86° 25' 45.675" E	22° 33' 58.487" N	230	56	46.16	50	56	46.16	23.66
SURDA ML Forest	E58	E59	86° 25' 45.039" E	22° 33' 58.004" N	155	23	33.60	333	23	33.60	89.85

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हिन्दुस्तान कॉपर लिमिटेड  
(भारत सरकार का एक उपक्रम)

इन्डियन कॉपर कॉमिशन

डाक-मकमल-832100

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Sample photographs are given below:



Forest boundary pillar NO. B1





Forest boundary pillar No .C2





Forest boundary pillar No .C6





Forest boundary pillar no.F 1





Forest boundary pillar no. G 1