CENTRAL COALFIELDS LIMITED
A Miniratna Company
(Govt. of India Undertaking)
Reg. Office: Darbhanga House, Ranchi
Jharkhand-834001
Phone: (0651) 2365606, 2360479
Fax: (0651) 2360479
Website: www.centralcoalfields.in
CIN No: U10200JH1956GOI000581

Ref: No. PO/KBP/2023/63

Date: 21.12.2023

To,
The PCCF Cum ED- Nodal,
Wasteland Development Board,
Van Bhavan, Ranchi,
Jharkhand.

Sub: Forest Diversion proposal of Kotre Basantpur OCP (855.17 Ha), CCL.

Respected Sir

This is bring to your kind attention that compliance of the EDS raised by MOEF & CC on 13.12.2023 in respect of Forest Diversion Proposal of Kotre Basantpur Pachmo OCP has been submitted to DFO, Ramgarh as well as DFO, Bokaro in hard copy on 21.12.2023.

On Parivesh Portal only pdf file is accepted for submitting the compliance of query raised by MoEF & CC after Stage- I. However, there is no option for uploading KML file which is enclosed in compliance as annexure. Hence, it is humbly requested that permission may kindly be accorded to Project proponent for submitting the KML file in pen drive/CD.

Thanking you.

Yours faithfully

21/12/23

Project Officer
Kotre Basantpur Pachmo OCP
Central Coal Fields Ltd

Copy for kind information:

1. RCCF Bokaro
2. CF Bokaro
3. DFO Ramgarh/ DFO Bokaro

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CIN NO: U10200JH1956GOI000581

Ref No. PO (KBP OCP)/2023-24/61 Dtd-20.12.2023

To,
The Divisional Forest Officer,
Ramgarh Forest Division,
Ramgarh, Jharkhand

Sub: Para wise reply against EDS raised on 13.12.2023 by MoEF&CC in respect of proposal for non-forestry use of 855.17 Ha (1006.17 ha – 151 ha) of forest land for Kotre Basantpur Opencast Mining Project in favour of M/s Central Coalfields Limited in Ramgarh and Bokaro District of Jharkhand – regarding.

Ref: 1) MoEF&CC Letter No. I/59855/2023 dated 13.12.2023.
2) 08-08/2022-FC

Dear Sir,

With reference to the mentioned subject and MoEF&CC Letter referred above, we are hereby complying the queries raised by MOEF&CC. The details are as follows: -

Sl. No.	Queries Raised	Compliance
1	The proposal for diversion of forest land has been accorded Stage-1 approval by excluding 151 ha forest land out of 1006.17 ha forest area proposed for diversion. The revised layout provided by the State in this regard is not Geo-referenced. In absence of a Ge-referenced map it is not possible to ascertain whether the 151ha forest area on the right side of the District boundary comprising VDF and MDF has been actually excluded as per condition no A(i) of Stage-1 approval or not. Therefore, the State Govt. shall provide the shapefile/ KML file of 855.17 ha In-principle/ Stage-I approved forest land along with a legible copy of Georeferenced layout map showing the activities proposed to be carried out in the project area (both forest & Non-forest land) as per the revised mining plan in compliance of condition no. A (i) of Stage-I approval.	The Georeferenced map (both soft copy and hard copy attached as Annexure IA) of the revised mine area represents exclusion of 151 ha of forest area on the right side of the District boundary comprising VDF and MDF. In compliance to the condition A (i) of Stage-I Approval, KML and Shape file of 855.17 ha (Revised forest land excluding 151 ha) i.e. in-principle/ Stage-I approved forest land is provided in soft copy through Pen Drive along with KML and Shape file of excluded forest land of 151 ha. A georeferenced Land Use Map showing the activities comprising of Quarry area, Dump Area, Infrastructure area, Area proposed for nala diversion etc. carried out in the project area (both forest and non-forest land) as per the revised mining plan is attached **(both soft and hard copy enclosed as Annexure IB).**

राजीव हुई / RAJIB HUI
परियोजना पदाधिकारी / PROJECT OFFICER
कोतरे बसंतपुर पंचमो कोल परियोजना
Kotre Basantpur Pachmo Coal Mine
सी०सी०एल०, राँची / C.C.L., Ranchi

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2	The State Govt, has submitted the revised CA details. However, State Govt, still proposed some of the CA sites which have been found under encroachment as per the Site Inspection Report carried out by the RO, Ranchi. The State Government shall ensure that the areas proposed for CA are free from all encumbrances and submit the complete compliance as per condition no. A iii) of Stage-I approval.	Earlier, 2019 ha of degraded forest land was proposed in Giridih East Forest Division against 1006.17 ha of forest land. During the Site Inspection over the proposed Compensatory Afforestation area which was conducted by the Integrated Regional Office of MoEF&CC, Ranchi, Jharkhand on 7th and 8th September 2022, a few encroachments were observed in six villages which are listed in the following table:- **Village Name** — **Type of Encroachment** Bardahi, Garhatanar, Gumgi — Kachha & Pahkka houses Gumgi, Garhatanar, Khudisar — School Ojhadih — Plantation Kargalo, Ojhadih — Water body Later, MOEF&CC directed to reduce the forest land which needs to be diverted from 1006.17 ha to 855.17 ha (after excluding 151 ha of forest land) and to submit a revised CA detailed report making all the CA area free from all encumbrance (vide Stage-I Forest Clearance dated 27.02.2023). According to the directives from MOEF&CC and in response to the observations of IRO, the proposed CA land was revised after excluding the encroachments from the villages inspected by the IRO during the site inspection. The details are as follows: - • **CA Land from Village Bardahi** – Completely excluded while considering the revised CA area Proposal. • **CA Land from Village Garhatanar**- Area reduced by 1.70 ha after excluding encroachments and the revised area considered as 138.93 ha. • **CA Land from Village Gumgi -** Area reduced by 21.02 ha after excluding encroachments and the

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		revised area considered as 160.47 ha. • **CA Land from village Khudisar** – Removed the encroached patch and added new patch which led to the total area as 34.05 ha. • **CA Land from village Ojhadih** - Completely excluded while considering the revised CA area Proposal. • **CA Land from village Kargalo** – Area reduced by 6.63 ha by excluding the water body and the revised area considered as 16.52 ha. A detailed report of revised CA Land (1720.36 ha) eliminating encroachments/ settlements/ water bodies/ VDF & MDF patches, was submitted as part of the Stage-I Compliance Condition no. A (iii) against the diversion of the proposed 855.17 ha (1006.17 ha-151 ha = 855.17 ha) is attached as **Annexure – II**). Further, with reference to the revised forest land of 855.17 ha, the actual requirement of CA land is 1710.34 ha. It is pertinent to mention that a total CA Land of 1720.36 ha (10 ha more than the requirement) is proposed for any contingency during the plantation phase.
3	As per condition no. A (ix) of Stage-I approval the user agency has not uploaded the KML file of the proposed CA land on the e-Green Watch portal which needs to be uploaded.	All village-wise KML files of proposed CA Land uploaded over e-Green Watch portal as per condition no. A (ix) of Stage-I Forest Clearance. **Acknowledgement attached as Annexure-III.**

In view of above-stated compliance, it is requested to kindly acknowledge the same and expedite processing of the Forest Stage-II approval, so that Forest Clearance can be obtained from competent authority and Kotre Basantpur Pachmo Coal Mine can be operationalized.

Thanking you!

Your Sincerely

Project Officer
Kotre Basantpur Pachmo OCP

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परियोजना पदाधिकारी / PROJECT OFFICER
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Kotre Basantpur Pachmo Coal Mine
सी०सी०एल०, राँची / C.C.L., Ranchi

Copy for kind information: -

1) The General Manager, Hazaribagh Area
2) The General Manager (Forest), CCL

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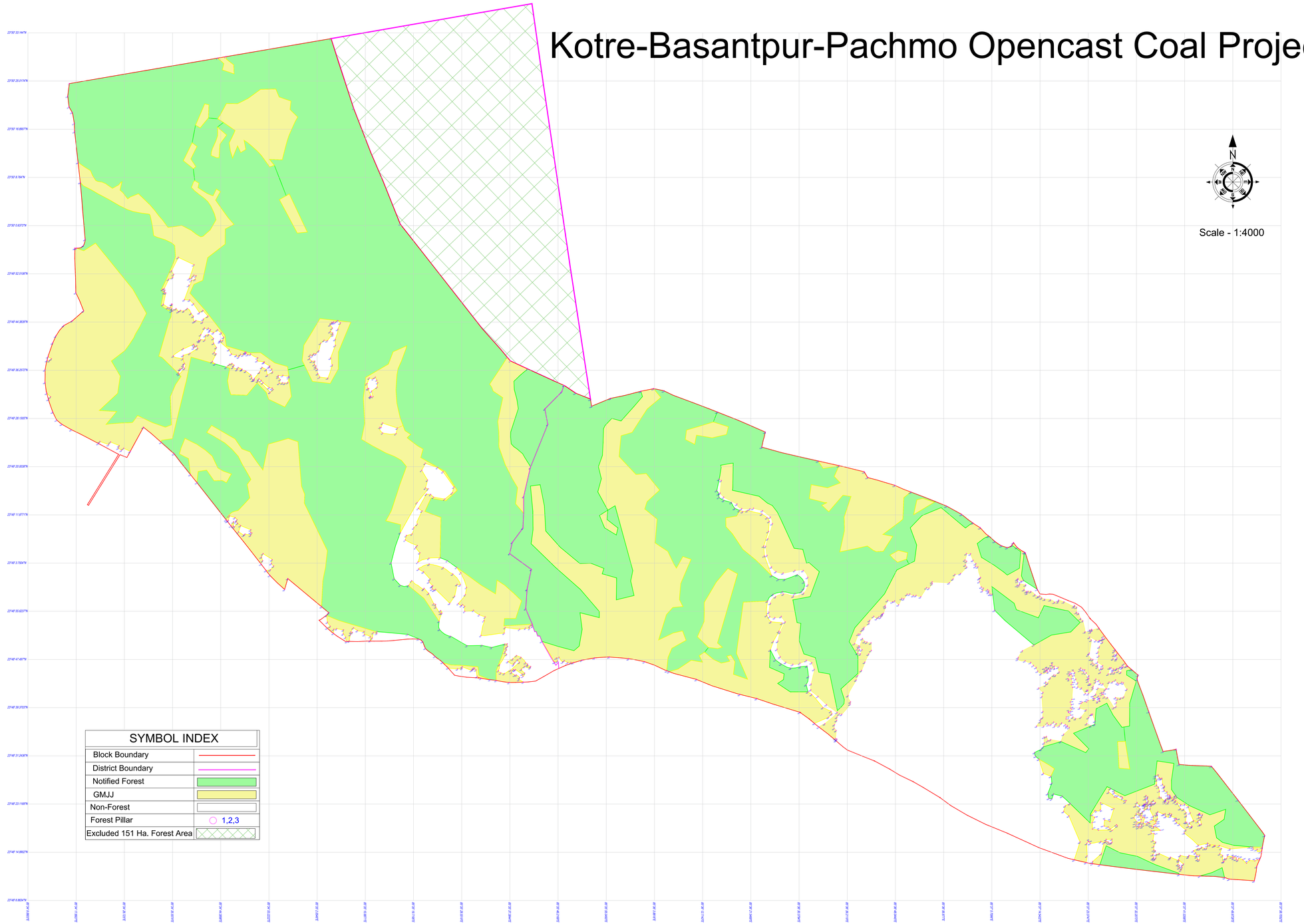
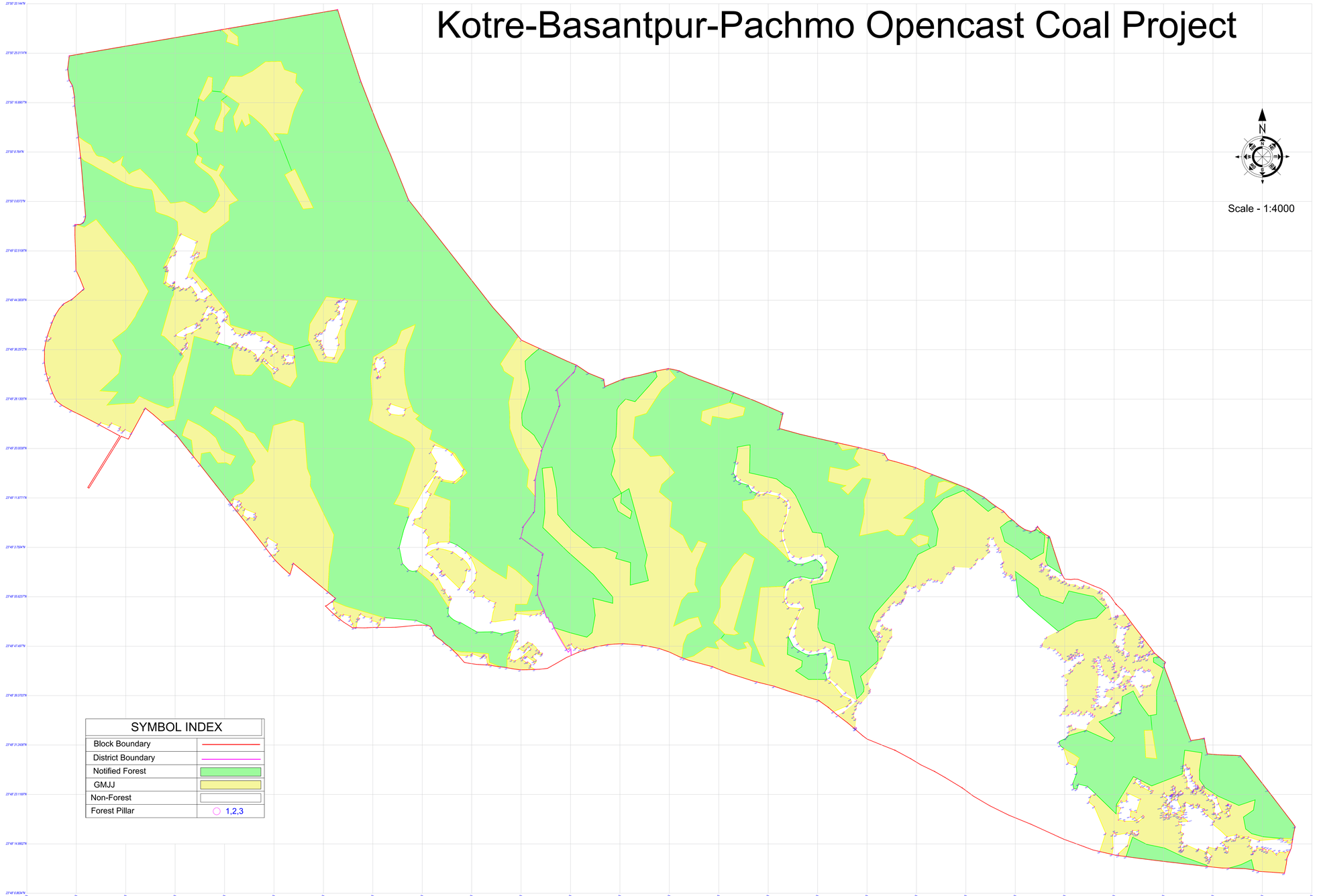
Kotre-Basantpur-Pachmo Opencast Coal Project



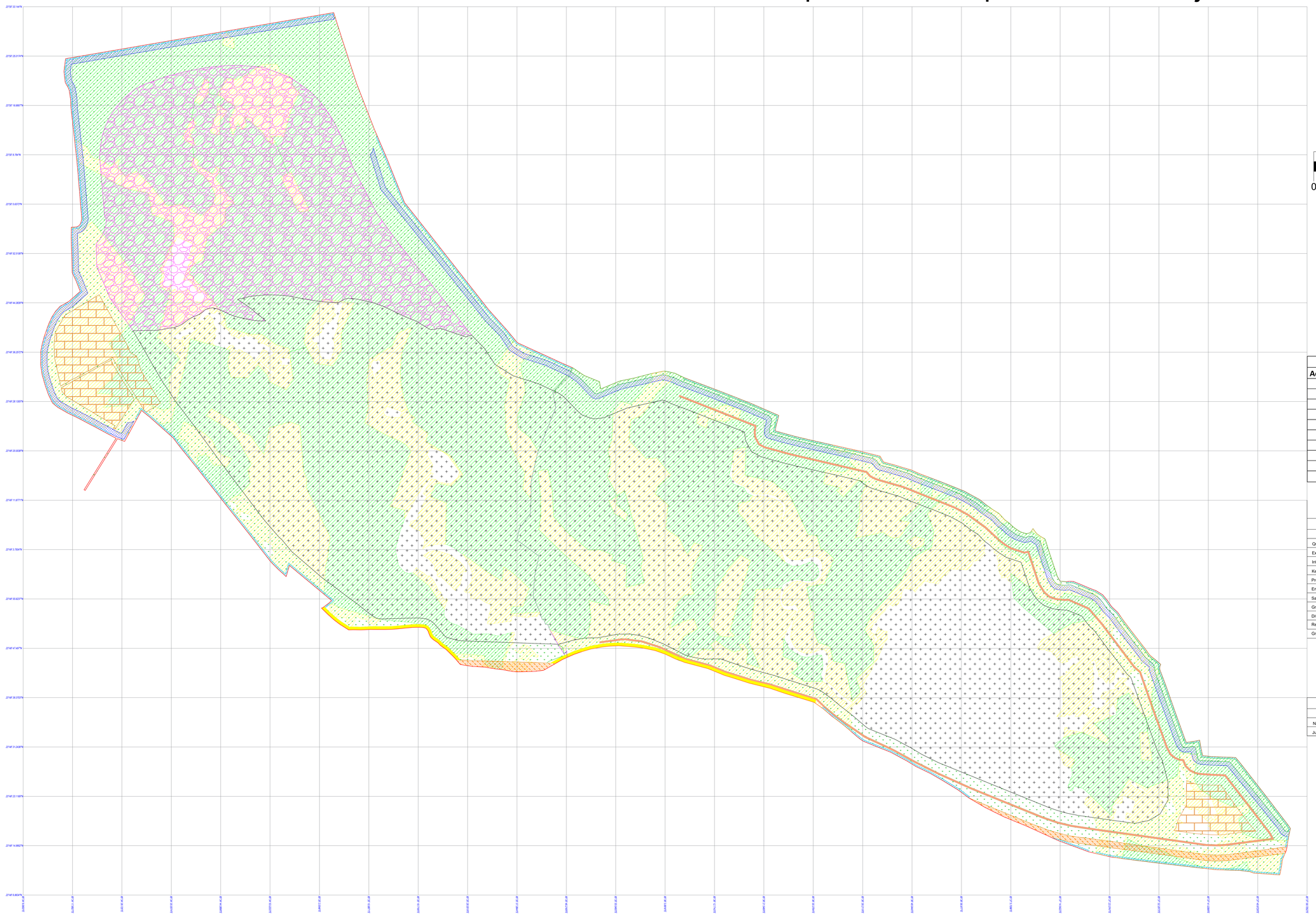
Sl. No.	Degree,Minute Second Latitude	Degree,Minute Second Longitude	Sl. No.	Degree,Minute Second Latitude	Degree,Minute Second Longitude	Sl. No.	Degree,Minute Second Latitude	Degree,Minute Second Longitude	Sl. No.	Degree,Minute Second Latitude	Degree,Minute Second Longitude	Sl. No.	Degree,Minute Second Latitude	Degree,Minute Second Longitude	Sl. No.	Degree,Minute Second Latitude	Degree,Minute Second Longitude
1	23°50' 33.144"N	85° 34' 4.375"E	112	23° 49' 1.360"N	85° 34' 31.165"E	223	23° 48' 34.422"N	85° 35' 2.376"E	334	23° 48' 16.004"N	85° 35' 40.112"E	445	23° 48' 4.656"N	85° 36' 21.264"E	556	23° 48' 21.391"N	85° 37' 3.267"E
2	23°50' 29.998"N	85° 34' 4.375"E	113	23° 49' 1.360"N	85° 34' 33.165"E	224	23° 48' 32.878"N	85° 35' 2.376"E	335	23° 48' 16.004"N	85° 35' 42.112"E	446	23° 48' 4.656"N	85° 36' 23.264"E	557	23° 48' 21.391"N	85° 37' 5.267"E
3	23°50' 26.491"N	85° 34' 4.375"E	114	23° 49' 1.360"N	85° 34' 35.165"E	225	23° 48' 31.334"N	85° 35' 2.376"E	336	23° 48' 16.004"N	85° 35' 44.112"E	447	23° 48' 4.656"N	85° 36' 25.264"E	558	23° 48' 21.391"N	85° 37' 7.267"E
4	23°50' 22.985"N	85° 34' 4.375"E	115	23° 49' 1.360"N	85° 34' 37.165"E	226	23° 48' 31.334"N	85° 35' 4.376"E	337	23° 48' 16.004"N	85° 35' 46.112"E	448	23° 48' 4.656"N	85° 36' 27.264"E	559	23° 48' 21.391"N	85° 37' 9.267"E
5	23°50' 19.479"N	85° 34' 4.375"E	116	23° 49' 1.360"N	85° 34' 39.165"E	227	23° 48' 31.334"N	85° 35' 6.376"E	338	23° 48' 16.004"N	85° 35' 48.112"E	449	23° 48' 4.656"N	85° 36' 29.264"E	560	23° 48' 21.391"N	85° 37' 11.267"E
6	23°50' 15.973"N	85° 34' 4.375"E	117	23° 49' 1.360"N	85° 34' 41.165"E	228	23° 48' 31.334"N	85° 35' 8.376"E	339	23° 48' 16.004"N	85° 35' 50.112"E	450	23° 48' 4.656"N	85° 36' 31.264"E	561	23° 48' 21.391"N	85° 37' 13.267"E
7	23°50' 12.467"N	85° 34' 4.375"E	118	23° 49' 1.360"N	85° 34' 43.165"E	229	23° 48' 31.334"N	85° 35' 10.376"E	340	23° 48' 16.004"N	85° 35' 52.112"E	451	23° 48' 4.656"N	85° 36' 33.264"E	562	23° 48' 21.391"N	85° 37' 15.267"E
8	23°50' 8.960"N	85° 34' 4.375"E	119	23° 49' 1.360"N	85° 34' 45.165"E	230	23° 48' 31.334"N	85° 35' 12.376"E	341	23° 48' 16.004"N	85° 35' 54.112"E	452	23° 48' 4.656"N	85° 36' 35.264"E	563	23° 48' 21.391"N	85° 37' 17.267"E
9	23°50' 5.452"N	85° 34' 4.375"E	120	23° 49' 1.360"N	85° 34' 47.165"E	231	23° 48' 31.334"N	85° 35' 14.376"E	342	23° 48' 16.004"N	85° 35' 56.112"E	453	23° 48' 4.656"N	85° 36' 37.264"E	564	23° 48' 21.391"N	85° 37' 19.267"E
10	23°50' 1.946"N	85° 34' 4.375"E	121	23° 49' 1.360"N	85° 34' 49.165"E	232	23° 48' 31.334"N	85° 35' 16.376"E	343	23° 48' 16.004"N	85° 35' 58.112"E	454	23° 48' 4.656"N	85° 36' 39.264"E	565	23° 48' 21.391"N	85° 37' 21.267"E
11	23°49' 58.438"N	85° 34' 4.375"E	122	23° 49' 1.360"N	85° 34' 51.165"E	233	23° 48' 31.334"N	85° 35' 18.376"E	344	23° 48' 16.004"N	85° 36' 0.112"E	455	23° 48' 4.656"N	85° 36' 41.264"E	566	23° 48' 21.391"N	85° 37' 23.267"E
12	23°49' 54.931"N	85° 34' 4.375"E	123	23° 49' 1.360"N	85° 34' 53.165"E	234	23° 48' 31.334"N	85° 35' 20.376"E	345	23° 48' 16.004"N	85° 36' 2.112"E	456	23° 48' 4.656"N	85° 36' 43.264"E	567	23° 48' 21.391"N	85° 37' 25.267"E
13	23°49' 51.423"N	85° 34' 4.375"E	124	23° 49' 1.360"N	85° 34' 55.165"E	235	23° 48' 31.334"N	85° 35' 22.376"E	346	23° 48' 16.004"N	85° 36' 4.112"E	457	23° 48' 4.656"N	85° 36' 45.264"E	568	23° 48' 21.391"N	85° 37' 27.267"E
14	23°49' 47.915"N	85° 34' 4.375"E	125	23° 49' 1.360"N	85° 34' 57.165"E	236	23° 48' 31.334"N	85° 35' 24.376"E	347	23° 48' 16.004"N	85° 36' 6.112"E	458	23° 48' 4.656"N	85° 36' 47.264"E	569	23° 48' 21.391"N	85° 37' 29.267"E
15	23°49' 44.408"N	85° 34' 4.375"E	126	23° 49' 1.360"N	85° 34' 59.165"E	237	23° 48' 31.334"N	85° 35' 26.376"E	348	23° 48' 16.004"N	85° 36' 8.112"E	459	23° 48' 4.656"N	85° 36' 49.264"E	570	23° 48' 21.391"N	85° 37' 31.267"E
16	23°49' 40.900"N	85° 34' 4.375"E	127	23° 49' 1.360"N	85° 35' 1.165"E	238	23° 48' 31.334"N	85° 35' 28.376"E	349	23° 48' 16.004"N	85° 36' 10.112"E	460	23° 48' 4.656"N	85° 36' 51.264"E	571	23° 48' 21.391"N	85° 37' 33.267"E
17	23°49' 37.393"N	85° 34' 4.375"E	128	23° 49' 1.360"N	85° 35' 3.165"E	239	23° 48' 31.334"N	85° 35' 30.376"E	350	23° 48' 16.004"N	85° 36' 12.112"E	461	23° 48' 4.656"N	85° 36' 53.264"E	572	23° 48' 21.391"N	85° 37' 35.267"E
18	23°49' 33.885"N	85° 34' 4.375"E	129	23° 49' 1.360"N	85° 35' 5.165"E	240	23° 48' 31.334"N	85° 35' 32.376"E	351	23° 48' 16.004"N	85° 36' 14.112"E	462	23° 48' 4.656"N	85° 36' 55.264"E	573	23° 48' 21.391"N	85° 37' 37.267"E
19	23°49' 30.378"N	85° 34' 4.375"E	130	23° 49' 1.360"N	85° 35' 7.165"E	241	23° 48' 31.334"N	85° 35' 34.376"E	352	23° 48' 16.004"N	85° 36' 16.112"E	463	23° 48' 4.656"N	85° 36' 57.264"E	574	23° 48' 21.391"N	85° 37' 39.267"E
20	23°49' 26.870"N	85° 34' 4.375"E	131	23° 49' 1.360"N	85° 35' 9.165"E	242	23° 48' 31.334"N	85° 35' 36.376"E	353	23° 48' 16.004"N	85° 36' 18.112"E	464	23° 48' 4.656"N	85° 36' 59.264"E	575	23° 48' 21.391"N	85° 37' 41.267"E
21	23°49' 23.363"N	85° 34' 4.375"E	132	23° 49' 1.360"N	85° 35' 11.165"E	243	23° 48' 31.334"N	85° 35' 38.376"E	354	23° 48' 16.004"N	85° 36' 20.112"E	465	23° 48' 4.656"N	85° 37' 1.264"E	576	23° 48' 21.391"N	85° 37' 43.267"E
22	23°49' 19.855"N	85° 34' 4.375"E	133	23° 49' 1.360"N	85° 35' 13.165"E	244	23° 48' 31.334"N	85° 35' 40.376"E	355	23° 48' 16.004"N	85° 36' 22.112"E	466	23° 48' 4.656"N	85° 37' 3.264"E	577	23° 48' 21.391"N	85° 37' 45.267"E
23	23°49' 16.348"N	85° 34' 4.375"E	134	23° 49' 1.360"N	85° 35' 15.165"E	245	23° 48' 31.334"N	85° 35' 42.376"E	356	23° 48' 16.004"N	85° 36' 24.112"E	467	23° 48' 4.656"N	85° 37' 5.264"E	578	23° 48' 21.391"N	85° 37' 47.267"E
24	23°49' 12.840"N	85° 34' 4.375"E	135	23° 49' 1.360"N	85° 35' 17.165"E	246	23° 48' 31.334"N	85° 35' 44.376"E	357	23° 48' 16.004"N	85° 36' 26.112"E	468	23° 48' 4.656"N	85° 37' 7.264"E	579	23° 48' 21.391"N	85° 37' 49.267"E
25	23°49' 9.333"N	85° 34' 4.375"E	136	23° 49' 1.360"N	85° 35' 19.165"E	247	23° 48' 31.334"N	85° 35' 46.376"E	358	23° 48' 16.004"N	85° 36' 28.112"E	469	23° 48' 4.656"N	85° 37' 9.264"E	580	23° 48' 21.391"N	85° 37' 51.267"E
26	23°49' 5.825"N	85° 34' 4.375"E	137	23° 49' 1.360"N	85° 35' 21.165"E	248	23° 48' 31.334"N	85° 35' 48.376"E	359	23° 48' 16.004"N	85° 36' 30.112"E	470	23° 48' 4.656"N	85° 37' 11.264"E	581	23° 48' 21.391"N	85° 37' 53.267"E
27	23°49' 2.318"N	85° 34' 4.375"E	138	23° 49' 1.360"N	85° 35' 23.165"E	249	23° 48' 31.334"N	85° 35' 50.376"E	360	23° 48' 16.004"N	85° 36' 32.112"E	471	23° 48' 4.656"N	85° 37' 13.264"E	582	23° 48' 21.391"N	85° 37' 55.267"E
28	23°48' 58.810"N	85° 34' 4.375"E	139	23° 49' 1.360"N	85° 35' 25.165"E	250	23° 48' 31.334"N	85° 35' 52.376"E	361	23° 48' 16.004"N	85° 36' 34.112"E	472	23° 48' 4.656"N	85° 37' 15.264"E	583	23° 48' 21.391"N	85° 37' 57.267"E
29	23°48' 55.303"N	85° 34' 4.375"E	140	23° 49' 1.360"N	85° 35' 27.165"E	251	23° 48' 31.334"N	85° 35' 54.376"E	362	23° 48' 16.004"N	85° 36' 36.112"E	473	23° 48' 4.656"N	85° 37' 17.264"E	584	23° 48' 21.391"N	85° 37' 59.267"E
30	23°48' 51.795"N	85° 34' 4.375"E	141	23° 49' 1.360"N	85° 35' 29.165"E	252	23° 48' 31.334"N	85° 35' 56.376"E	363	23° 48' 16.004"N	85° 36' 38.112"E	474	23° 48' 4.656"N	85° 37' 19.264"E	585	23° 48' 21.391"N	85° 38' 1.267"E
31	23°48' 48.288"N	85° 34' 4.375"E	142	23° 49' 1.360"N	85° 35' 31.165"E	253	23° 48' 31.334"N	85° 35' 58.376"E	364	23° 48' 16.004"N	85° 36' 40.112"E	475	23° 48' 4.656"N	85° 37' 21.264"E	586	23° 48' 21.391"N	85° 38' 3.267"E
32	23°48' 44.780"N	85° 34' 4.375"E	143	23° 49' 1.360"N	85° 35' 33.165"E	254	23° 48' 31.334"N	85° 36' 0.376"E	365	23° 48' 16.004"N	85° 36' 42.112"E	476	23° 48' 4.656"N	85° 37' 23.264"E	587	23° 48' 21.391"N	85° 38' 5.267"E
33	23°48' 41.273"N	85° 34' 4.375"E	144	23° 49' 1.360"N	85° 35' 35.165"E	255	23° 48' 31.334"N	85° 36' 2.376"E	366	23° 48' 16.004"N	85° 36' 44.112"E	477	23° 48' 4.656"N	85° 37' 25.264"E	588	23° 48' 21.391"N	85° 38' 7.267"E
34	23°48' 37.765"N	85° 34' 4.375"E	145	23° 49' 1.360"N	85° 35' 37.165"E	256	23° 48' 31.334"N	85° 36' 4.376"E	367	23° 48' 16.004"N	85° 36' 46.112"E	478	23° 48' 4.656"N	85° 37' 27.264"E	589	23° 48' 21.391"N	85° 38' 9.267"E
35	23°48' 34.258"N	85° 34' 4.375"E	146	23° 49' 1.360"N	85° 35' 39.165"E	257	23° 48' 31.334"N	85° 36' 6.376"E	368	23° 48' 16.004"N	85° 36' 48.112"E	479	23° 48' 4.656"N	85° 37' 29.264"E	590	23° 48' 21.391"N	85° 38' 11.267"E
36	23°48' 30.750"N	85° 34' 4.375"E	147	23° 49' 1.360"N	85° 35' 41.165"E	258	23° 48' 31.334"N	85° 36' 8.376"E	369	23° 48' 16.004"N	85° 36' 50.112"E	480	23° 48' 4.656"N	85° 37' 31.264"E	591	23° 48' 21.391"N	85° 38' 13.267"E
37	23°48' 27.243"N	85° 34' 4.375"E	148	23° 49' 1.360"N	85° 35' 43.165"E	259	23° 48' 31.334"N	85° 36' 10.376"E	370	23° 48' 16.004"N	85° 36' 52.112"E	481	23° 48' 4.656"N	85° 37' 33.264"E	592	23° 48' 21.391"N	85° 38' 15.267"E
38	23°48' 23.735"N	85° 34' 4.375"E	149	23° 49' 1.360"N	85° 35' 45.165"E	260	23° 48' 31.334"N	85° 36' 12.376"E	371	23° 48' 16.004"N	85° 36' 54.112"E	482	23° 48' 4.656"N	85° 37' 35.264"E	593	23° 48' 21.391"N	85° 38' 17.267"E
39	23°48' 20.228"N	85° 34' 4.375"E	150	23° 49' 1.360"N	85° 35' 47.165"E	261	23° 48' 31.334"N	85° 36' 14.376"E	372	23° 48' 16.004"N	85° 36' 56.112"E	483	23° 48' 4.656"N	85° 37' 37.264"E	594	23° 48' 21.391"N	85° 38' 19.267"E
40	23°48' 16.720"N	85° 34' 4.375"E	151	23° 49' 1.360"N	85° 35' 49.165"E	262	23° 48' 31.334"N	85° 36' 16.376"E	373	23° 48' 16.004"N	85° 36' 58.112"E	484	23° 48' 4.656"N	85° 37' 39.264"E	595	23° 48' 21.391"N	85° 38' 21.267"E
41	23°48' 13.213"N	85° 34' 4.375"E	152	23° 49' 1.360"N	85° 35' 51.165"E	263	23° 48' 31.334"N	85° 36' 18.376"E	374	23° 48' 16.004"N	85° 37' 0.112"E	485	23° 48' 4.656"N	85° 37' 41.264"E	596	23° 48' 21.391"N	85° 38' 23.267"E
42	23°48' 9.705"N	85° 34' 4.375"E	153	23° 49' 1.360"N	85° 35' 53.165"E	264	23° 48' 31.334"N	85° 36' 20.376"E	375	23° 48' 16.004"N	85° 37' 2.112"E	486	23° 48' 4.656"N	85° 37' 43.264"E	597	23° 48' 21.391"N	85° 38' 25.267"E
43	23°48' 6.198"N	85° 34' 4.375"E	154	23° 49' 1.360"N	85° 35' 55.165"E	265	23° 48' 31.334"N	85° 36' 22.376"E	376	23° 48' 16.004"N	85° 37' 4.112"E	487	23° 48' 4.656"N	85° 37' 45.264"E	598	23° 48' 21.391"N	85° 38' 27.267"E
44	23°48' 2.690"N	85° 34' 4.375"E	155	23° 49' 1.360"N	85° 35' 57.165"E	266	23° 48' 31.334"N	85° 36' 24.376"E	377	23° 48' 16.004"N	85° 37' 6.112"E	488	23° 48' 4.656"N	85° 37' 47.264"E	599	23° 48' 21.391"N	85° 38' 29.267"E
45	23°48' 59.183"N	85° 35' 0.165"E	156	23° 49' 1.360"N	85° 35' 59.165"E	267	23° 48' 31.334"N	85° 36' 26.376"E	378	23° 48' 16.004"N	85° 37' 8.112"E	489	23° 48' 4.656"N	85° 37' 49.264"E	600	23° 48' 21.391"N	85° 38' 31.267"E
46	23°48' 55.675"N	85° 35' 0.165"E	157	23° 49' 1.360"N	85° 36' 1.165"E	268	23° 48' 31.334"N	85° 36' 28.376"E	379	23° 48' 16.004"N	85° 37' 10.112"E	490	23° 48' 4.656"N	85° 37' 51.264"E	601	23° 48' 21.391"N	85° 38' 33.267"E
47	23°48' 52.168"N	85° 35' 0.165"E	158	23° 49' 1.360"N	85° 36' 3.165"E	269	23° 48' 31.334"N	85° 36' 30.376"E	380	23° 48' 16.004"N	85° 37' 12.112"E	491	23° 48' 4.656"N	85° 37' 53.264"E	602	23° 48' 21.391"N	85° 38' 35.267"E
48	23°48' 48.660"N	85° 35' 0.165"E	159	23° 49' 1.360"N	85° 36' 5.165"E	270	23° 48' 31.334"N	85° 36' 32.376"E	381	23° 48' 16.004"N	85° 37' 14.112"E	492	23° 48' 4.656"N	85° 37' 55.264"E	603	23° 48' 21.391"N	85° 38' 37.267"E
49	23°48' 45.153"N	85° 35' 0.165"E	160	23° 49' 1.360"N	85° 36' 7.165"E	271	23° 48' 31.334"N	85° 36' 34.376"E	382	23° 48' 16.004"N	85° 37' 16.112"E	493	23° 48' 4.656"N	85° 37' 57.264"E	604	23° 48' 21.391"N	85° 38' 39.267"E
50	23°48' 41.645"N	85° 35' 0.165"E	161	23° 49' 1.360"N	85° 36' 9.165"E	272	23° 48' 31.334"N	85° 36' 36.376"E	383	23° 48' 16.004"N	85° 37' 18.112"E	494	23° 48' 4.656"N	85° 37' 59.264"E	605	23° 48' 21.391"N	85° 38' 41.267"E
51	23°48' 38.138"N	85° 35' 0.165"E	162	23° 49' 1.360"N	85° 36' 11.165"E	273	23° 48' 31.334"N	85° 36' 38.376"E	384	23° 48' 16.004"N	85° 37' 20.112"E	495	23° 48' 4.656"N	85° 38' 1.264"E	606	23° 48' 21.391"N	85° 38' 43.267"E
52	23°48' 34.630"N	85° 35' 0.165"E	163	23° 49' 1.360"N	85° 36' 13.165"E	274	23° 48' 31.334"N	85° 36' 40.376"E	385	23° 48' 16.004"N	85° 37' 22.112"E	496	23° 48' 4.656"N	85° 38' 3.264"E	607	23° 48' 21.391"N	85° 38' 45.267"E
53	23°48' 31.123"N	85° 35' 0.165"E	164	23° 49' 1.360"N	85° 36' 15.165"E	275	23° 48' 31.334"N	85° 36' 42.376"E	386	23° 48' 16.004"N	85° 37' 24.112"E	497	23° 48' 4.656"N	85° 38' 5.264"E	608	23° 48' 21.391"N	85° 38' 47.267"E
54	23°48' 27.615"N	85° 35' 0.165"E	165	23° 49' 1.360"N	85° 36' 17.165"E	276	23° 48' 31.334"N	85° 36' 44.376"E	387	23° 48' 16.004"N	85° 37' 26.112"E	498	23° 48' 4.656"N	85° 38' 7.264"E	609	23° 48' 21.391"N	85° 38' 49.267"E
55	23°48' 24.108"N	85° 35' 0.165"E	166	23° 49' 1.360"N	85° 36' 19.165"E	277	23° 48' 31.334"N	85° 36' 46.376"E	388	23° 48' 16.004"N	85° 37' 28.112"E	499	23° 48' 4.656"N	85° 38' 9.264"E	610	23° 48' 21.391"N	85° 38' 51.267"E
56	23°48' 20.600"N	85° 35' 0.165"E	167	23° 49' 1.360"N	85° 36' 21.165"E	278	23° 48' 31.334"N	85° 36' 48.376"E	389	23° 48' 16.004"N	85° 37' 30.112"E	500	23° 48' 4.656"N	85° 38' 11.264"E	611	23° 48' 21.391"N	85° 38' 53.267"E
57	23°48' 17.093"N	85° 35' 0.165"E	168	23° 49' 1.360"N	85° 36' 23.165"E	279	23° 48' 31.334"N	85° 36' 50.376"E	390	23° 48' 16.004"N	85° 37' 32.112"E	501	23° 48' 4.656"N	85° 38' 13.264"E	612	23° 48' 21.391"N	85° 38' 55.267"E
58	23°48' 13.585"N	85° 35' 0.165"E	169	23° 49' 1.360"N	85° 36' 25.165"E	280	23° 48' 31.334"N	85° 36' 52.376"E	391	23° 48' 16.004"N	85° 37' 34.112"E	502	23° 48' 4.656"N	85° 38' 15.264"E	613	23° 48' 21.391"N	85° 38' 57.267"E
59	23°48' 10.078"N	85° 35' 0.165"E	170	23° 49' 1.360"N	85° 36' 27.165"E	281	23° 48' 31.334"N	85° 36' 54.376"E	392	23° 48' 16.004"N	85° 37' 36.112"E	503	23° 48' 4.656"N	85° 38' 17.264"E	614	23° 48' 21.391"N	85° 38' 59.267"E
60	23°48' 6.570"N	85° 35' 0.165"E	171	23° 49' 1.360"N	85° 36' 29.165"E	282	23° 48' 31.334"N	85° 36' 56.376"E	393	23° 48' 16.004"N	85° 37' 38.112"E	504	23° 48' 4.656"N	85° 38' 19.264"E	615	23° 48' 21.391"N	85° 39' 1.267"E
61	23°48' 3.063"N	85° 35' 0.165"E	172	23° 49' 1.360"N	85° 36' 31.165"E	283	23° 48' 31.334"N	85° 36' 58.376"E	394	23° 48' 16.004"N	85° 37' 40.112"E	505	23° 48' 4.656"N	85° 38' 21.264"E	616	23° 48' 21.391"N	85° 39' 3.267"E
62	23°48' 59.555"N	85° 35' 2.165"E	173	23° 49' 1.360"N	85° 36' 33.165"E	284	23° 48' 31.334"N	85° 37' 0.376"E	395	23° 48' 16.004"N	85° 37' 42.112"E	506	23° 48' 4.656"N	85° 38' 23.264"E	617	23° 48' 21.391"N	85° 39' 5.267"E
63	23°48' 56.048"N	85° 35' 2.165"E	174	23° 49' 1.360"N	85° 36' 35.165"E	285	23° 48' 31.334"N	85° 37' 2.376"E	396	23° 48' 16.004"N	85° 37' 44.112"E	507	23° 48' 4.656"N	85° 38' 25.264"E	618	23° 48' 21.391"N	85° 39' 7.267"E
64	23°48' 52.540"N	85° 35' 2.165"E	175	23° 49' 1.360"N	85° 36' 37.165"E	286	23° 48' 31.334"N	85° 37' 4.376"E	397	23° 48' 16.004"N	85° 37' 46.112"E	508	23° 48' 4.656"N	85° 38' 27.264"E	619	23° 48' 21.391"N	85° 39' 9.267"E
65	23°48' 49.033"N	85° 35' 2.165"E	176	23° 49' 1.360"N	85° 36' 39.165"E	287	23° 48' 31.334"N	85° 37' 6.376"E	398	23° 48' 16.004"N	85° 37' 48.112"E	509	23° 48' 4.656"N	85° 38' 29.264"E	620	23° 48' 21.391"N	85° 39' 11.267"E
66	23°48' 45.525"N	85° 35' 2.165"E	177	23° 49' 1.360"N	85° 36' 41.165"E	288	23° 48' 31.334"N	85° 37' 8.376"E	399	23° 48' 16.004"N	85° 37' 50.112"E	510	23° 48' 4.656"N	85° 38' 31.264"E	621	23° 48' 21.391"N	85° 39' 13.267"E
67	23°48' 42.018"N	85° 35' 2.165"E	178	23° 49' 1.360"N	85° 36' 43.165"E	289	23° 48' 31.334"N	85° 37' 10.376"E	400	23° 48' 16.004"N	85° 37' 52.112"E	511	23° 48' 4.656"N	85° 38' 33.264"E	622	23° 48' 21.391"N	85° 39' 15.267"E
68	23°48' 38.510"N	85° 35' 2.165"E	179	23° 49' 1.360"N	85° 36' 45.165"E	290	23° 48' 31.334"N	85° 37' 12.376"E	401	23° 48' 16.004"N	85° 37' 54.112"E	512	23° 48' 4.656"N	85° 38' 35.264"E	623	23° 48' 21.391"N	85° 39' 17.267"E
69	23°48' 35.003"N	85° 35' 2.165"E	180	23° 49' 1.360"N	85° 36' 47.165"E	291	23° 48' 31.334"N	85° 37' 14.376"E	402	23° 48' 16.004"N	85° 37' 56.112"E	513	23° 48' 4.656"N	85° 38' 37.264"E	624	23° 48' 21.391"N	85° 39' 19.267"E
70	23°48' 31.495"N	85° 35' 2.165"E	181	23° 49' 1.360"N	85° 36' 49.165"E	292	23° 48' 31.334"N	85° 37' 16.376"E	403	23° 48' 16.004"N	85° 37' 58.112"E	514	23° 48' 4.656"N	85° 38' 39.264"E	625	23° 48' 21.391"N	85° 39' 21.267"E
71	23°48' 27.988"N	85° 35' 2.165"E	182	23° 49' 1.360"N	85° 36' 51.165"E	293	23° 48' 31.334"N	85° 37' 18.376"E	404	23° 48' 16.004"N	85° 37' 0.112"E	515	23° 48' 4.656"N	85° 38' 41.264"E	626	23° 48' 21.391"N	85° 39' 23.267"E
72	23°48' 24.480"N	85° 35' 2.165"E	183	23° 49' 1.360"N	85° 36' 53.165"E	294	23° 48' 31.334"N	85° 37' 20.376"E	405	23° 48' 16.004"N	85° 37' 2.112"E	516	23° 48' 4.656"N	85° 38' 43.264"E	627	23° 48' 21.391"N	85° 39' 25.267"E
73	23°48' 20.973"N	85° 35' 2.165"E	184	23° 49' 1.360"N	85° 36' 55.165"E	295	23° 48' 31.334"N	85° 37' 22.376"E	406	23° 48' 16.004"N	85° 37' 4.112"E	517	23° 48' 4.656"N	85° 38' 45.264"E	628	23° 48' 21.391"N	85° 39' 27.267"E
74	23°48' 17.465"N	85° 35' 2.165"E	185	23° 49' 1.360"N	85° 36' 57.165"E	296	23° 48' 31.334"N	85° 37' 24.376"E	407	23° 48' 16.004"N	85° 37' 6.112"E	518	23° 48' 4.656"N	85° 38' 47.264"E	629	23° 48' 21.391"N	85° 39' 29.267"E
75	23°48' 13.958"N	85° 35' 2.165"E	186	23° 49' 1.360"N	85° 36' 59.165"E	297	23° 48' 31.334"N	85° 37' 26.376"E	408	23° 48' 16.004"N	85° 37' 8.112"E	519	23° 48' 4.656"N	85° 38' 49.264"E	630	23° 48' 21.391"N	85° 39' 31.267"E
76	23°48' 10.450"N	85° 35' 2.165"E	187	23° 49' 1.360"N	85° 37' 1.165"E	298	23° 48' 31.334"N	85° 37' 28.376"E	409	23° 48' 16.004"N	85° 37' 10.112"E	520	23° 48' 4.656"N	85° 38' 51.264"E	631	23° 48' 21.391"N	85° 39' 33.267"E
77	23°48' 6.943"N	85° 35' 2.165"E	188	23° 49' 1.360"N	85° 37' 3.165"E	299	23° 48' 31.334"N	85° 37' 30.376"E	410	23° 48' 16.004"N	85° 37' 12.112"E	521	23° 48' 4.656"N	85° 38' 53.264"E	632	23° 48' 21.391"N	85° 39' 35.267"E
78	23°48' 3.435"N	85° 35' 2.165"E	189	23° 49' 1.360"N	85° 37' 5.165"E	300	23° 48' 31.334"N	85° 37' 32.376"E	411	23° 48' 16.004"N	85° 37' 14.112"E	522	23° 48' 4.656"N	85° 38' 55.264"E	633	23° 48' 21.391"N	85° 39' 37.267"E
79	23°48' 59.927"N	85° 35' 4.165"E	190	23° 49' 1.360"N	85° 37' 7.165"E	301	23° 48' 31.334"N	85° 37' 34.376"E	412	23° 48' 16.004"N	85° 37' 16.112"E	523	23° 48' 4.656"N	85° 38' 57.264"E	634	23° 48' 21.391"N	85° 39' 39.267"E
80	23°48' 56.420"N	85° 35' 4.165"E	191	23° 49' 1.360"N	85° 37' 9.165"E	302	23° 48' 31.334"N	85° 37' 36.376"E	413	23° 48' 16.004"N	85° 37' 18.112"E	524	23° 48' 4.656"N	85° 38' 59.264"E	635	23° 48' 21.391"N	85° 39' 41.267"E
81	23°48' 52.912"N	85° 35' 4.165"E	192	23° 49' 1.360"N	85° 37' 11.165"E	303	23° 48' 31.334"N	85° 37' 38.376"E	414	23° 48' 16.004"N	85° 37' 20.112"E	525	23° 48' 4.656"N	85° 39' 1.264"E	636	23° 48' 21.391"N	85° 39' 43.267"E
82	23°48' 49.405"N	85° 35' 4.165"E	193	23° 49' 1.360"N	85° 37' 13.165"E	304	23° 48' 31.334"N	85° 37' 40.376"E	415	23° 48' 16.004"N	85° 37' 22.112"E	526	23° 48' 4.656"N	85° 39' 3.264"E	637	23° 48' 21.391"N	85° 39' 45.267"E
83	23°48' 45.897"N	85° 35' 4.165"E	194	23° 49' 1.360"N	85° 37' 15.165"E	305	23° 48' 31.334"N	85° 37' 42.376"E	416	23° 48' 16.004"N	85° 37' 24.112"E	527	23° 48' 4.656"N	85° 39' 5.264"E	638	23° 48' 21.391"N	85° 39' 47.267"E
84	23°48' 42.390"N	85° 35' 4.165"E	195	23° 49' 1.360"N	85° 37' 17.165"E	306	23° 48' 31.334"N	85° 37' 44.376"E	417	23° 48' 16.004"N	85° 37' 26.112"E	528	23° 48' 4.656"N	85° 39' 7.264"E	639	23° 48' 21.391"N	85° 39' 49.267"E
85	23°48' 38.882"N	85° 35' 4.165"E	196	23° 49' 1.360"N	85° 37' 19.165"E	307	23° 48' 31.334"N	85° 37' 46.376"E	418	23° 48' 16.004"N	85° 37' 28.112"E	529	23° 48' 4.656"N	85° 39' 9.264"E	640	23° 48' 21.391"N	85° 39' 51.267"E
86	23°48' 35.375"N	85° 35' 4.165"E	197	23° 49' 1.360"N	85° 37' 21.165"E	308	23° 48' 31.334"N	85° 37' 48.376"E	419	23° 48' 16.004"N	85° 37' 30.112"E	530	23° 48' 4.656"N	85° 39'

Kotre-Basantpur-Pachmo Opencast Coal Project



SL NO.	Degree,Minute Second Latitude	Degree,Minute Second Longitude	SL NO.	Degree,Minute Second Latitude	Degree,Minute Second Longitude	SL NO.	Degree,Minute Second Latitude	Degree,Minute Second Longitude	SL NO.	Degree,Minute Second Latitude	Degree,Minute Second Longitude	SL NO.	Degree,Minute Second Latitude	Degree,Minute Second Longitude	SL NO.	Degree,Minute Second Latitude	Degree,Minute Second Longitude	SL NO.	Degree,Minute Second Latitude	Degree,Minute Second Longitude
1	23°50' 24.6588"N	80° 34' 11.1348"E	206	23°49' 4.5432"N	80° 34' 1.4671"E	411	23°49' 48.3501"N	80° 33' 1.5701"E	616	23°49' 30.5008"N	80° 35' 45.1455"E	821	23°49' 33.4423"N	80° 37' 33.0778"E	1026	23°49' 55.1989"N	80° 37' 5.9947"E	1231	23°49' 47.1306"N	80° 37' 35.6647"E
2	23°50' 29.2089"N	80° 34' 4.2728"E	207	23°49' 1.9601"N	80° 34' 11.1685"E	412	23°49' 38.4423"N	80° 33' 1.0709"E	617	23°49' 28.5834"N	80° 35' 45.1214"E	822	23°49' 32.6576"N	80° 37' 35.6947"E	1027	23°49' 54.8211"N	80° 37' 5.2387"E	1232	23°49' 47.2387"N	80° 37' 35.0477"E
3	23°50' 32.9133"N	80° 34' 0.0000"E	208	23°49' 1.0000"N	80° 34' 20.0000"E	413	23°49' 38.4423"N	80° 33' 0.4709"E	618	23°49' 28.5834"N	80° 35' 45.1214"E	823	23°49' 32.6576"N	80° 37' 35.6947"E	1028	23°49' 54.8211"N	80° 37' 5.2387"E	1233	23°49' 47.2387"N	80° 37' 35.0477"E
4	23°50' 32.9133"N	80° 33' 59.4272"E	209	23°49' 1.0000"N	80° 34' 20.0000"E	414	23°49' 38.4423"N	80° 33' 0.4709"E	619	23°49' 28.5834"N	80° 35' 45.1214"E	824	23°49' 32.6576"N	80° 37' 35.6947"E	1029	23°49' 54.8211"N	80° 37' 5.2387"E	1234	23°49' 47.2387"N	80° 37' 35.0477"E
5	23°50' 20.8801"N	80° 33' 1.2802"E	210	23°49' 10.3246"N	80° 34' 46.0346"E	415	23°49' 40.8853"N	80° 33' 0.4308"E	620	23°49' 48.5852"N	80° 35' 45.0324"E	825	23°49' 48.5852"N	80° 35' 45.0324"E	1030	23°49' 52.4370"N	80° 37' 35.0877"E	1235	23°49' 45.3371"N	80° 37' 35.0299"E
6	23°50' 1.5312"N	80° 33' 16.1088"E	211	23°49' 10.2246"N	80° 34' 46.0146"E	416	23°49' 40.8853"N	80° 33' 0.4308"E	621	23°49' 48.5852"N	80° 35' 45.0324"E	826	23°49' 48.5852"N	80° 35' 45.0324"E	1031	23°49' 52.4370"N	80° 37' 35.0877"E	1236	23°49' 45.3371"N	80° 37' 35.0299"E
7	23°49' 39.2631"N	80° 33' 35.8927"E	212	23°49' 10.8223"N	80° 34' 46.7846"E	417	23°49' 42.5801"N	80° 33' 0.4207"E	622	23°49' 42.5801"N	80° 35' 45.0171"E	827	23°49' 42.5801"N	80° 35' 45.0171"E	1032	23°49' 51.4107"N	80° 37' 34.8732"E	1237	23°49' 45.2223"N	80° 37' 35.2749"E
8	23°49' 38.6417"N	80° 33' 40.1"E	213	23°49' 10.4229"N	80° 34' 47.3546"E	418	23°49' 44.7671"N	80° 33' 0.3507"E	623	23°49' 44.7671"N	80° 35' 45.0021"E	828	23°49' 44.7671"N	80° 35' 45.0021"E	1033	23°49' 51.3529"N	80° 37' 34.8079"E	1238	23°49' 45.2223"N	80° 37' 35.2749"E
9	23°49' 37.2188"N	80° 33' 39.9735"E	214	23°49' 10.3732"N	80° 34' 49.9667"E	419	23°49' 45.1571"N	80° 33' 0.1592"E	624	23°49' 48.1601"N	80° 35' 44.9821"E	829	23°49' 48.1601"N	80° 35' 44.9821"E	1034	23°49' 49.8573"N	80° 37' 34.8915"E	1239	23°49' 44.1475"N	80° 37' 37.1077"E
10	23°49' 36.6417"N	80° 33' 40.4"E	215	23°49' 10.4229"N	80° 34' 49.9367"E	420	23°49' 45.1571"N	80° 33' 0.1592"E	625	23°49' 48.1601"N	80° 35' 44.9821"E	830	23°49' 48.1601"N	80° 35' 44.9821"E	1035	23°49' 49.8573"N	80° 37' 34.8915"E	1240	23°49' 44.1475"N	80° 37' 37.1077"E
11	23°49' 36.0117"N	80° 33' 40.7"E	216	23°49' 10.4229"N	80° 34' 49.9367"E	421	23°49' 44.9371"N	80° 33' 0.0792"E	626	23°49' 48.1601"N	80° 35' 44.9821"E	831	23°49' 44.9371"N	80° 35' 44.9621"E	1036	23°49' 49.8573"N	80° 37' 34.8915"E	1241	23°49' 44.1475"N	80° 37' 37.1077"E
12	23°49' 34.9117"N	80° 33' 40.7"E	217	23°49' 10.3732"N	80° 34' 49.9667"E	422	23°49' 44.9371"N	80° 33' 0.0792"E	627	23°49' 44.9371"N	80° 35' 44.9621"E	832	23°49' 44.9371"N	80° 35' 44.9621"E	1037	23°49' 49.8573"N	80° 37' 34.8915"E	1242	23°49' 44.1475"N	80° 37' 37.1077"E
13	23°49' 27.2188"N	80° 33' 39.9735"E	218	23°49' 10.3732"N	80° 34' 49.9667"E	423	23°49' 44.9371"N	80° 33' 0.0792"E	628	23°49' 44.9371"N	80° 35' 44.9621"E	833	23°49' 44.9371"N	80° 35' 44.9621"E	1038	23°49' 49.8573"N	80° 37' 34.8915"E	1243	23°49' 44.1475"N	80° 37' 37.1077"E
14	23°49' 27.2188"N	80° 33' 39.9735"E	219	23°49' 10.3732"N	80° 34' 49.9667"E	424	23°49' 44.9371"N	80° 33' 0.0792"E	629	23°49' 44.9371"N	80° 35' 44.9621"E	834	23°49' 44.9371"N	80° 35' 44.9621"E	1039	23°49' 49.8573"N	80° 37' 34.8915"E	1244	23°49' 44.1475"N	80° 37' 37.1077"E
15	23°49' 27.2188"N	80° 33' 39.9735"E	220	23°49' 10.3732"N	80° 34' 49.9667"E	425	23°49' 44.9371"N	80° 33' 0.0792"E	630	23°49' 44.9371"N	80° 35' 44.9621"E	835	23°49' 44.9371"N	80° 35' 44.9621"E	1040	23°49' 49.8573"N	80° 37' 34.8915"E	1245	23°49' 44.1475"N	80° 37' 37.1077"E
16	23°49' 27.2188"N	80° 33' 39.9735"E	221	23°49' 10.3732"N	80° 34' 49.9667"E	426	23°49' 44.9371"N	80° 33' 0.0792"E	631	23°49' 44.9371"N	80° 35' 44.9621"E	836	23°49' 44.9371"N	80° 35' 44.9621"E	1041	23°49' 49.8573"N	80° 37' 34.8915"E	1246	23°49' 44.1475"N	80° 37' 37.1077"E
17	23°49' 27.2188"N	80° 33' 39.9735"E	222	23°49' 10.3591"N	80° 34' 49.1867"E	427	23°49' 44.9371"N	80° 33' 0.0792"E	632	23°49' 44.9371"N	80° 35' 44.9621"E	837	23°49' 44.9371"N	80° 35' 44.9621"E	1042	23°49' 49.8573"N	80° 37' 34.8915"E	1247	23°49' 44.1475"N	80° 37' 37.1077"E
18	23°49' 20.6748"N	80° 33' 40.5335"E	223	23°49' 9.5991"N	80° 34' 49.1867"E	428	23°49' 44.9371"N	80° 33' 0.0792"E	633	23°49' 44.9371"N	80° 35' 44.9621"E	838	23°49' 44.9371"N	80° 35' 44.9621"E	1043	23°49' 49.8573"N	80° 37' 34.8915"E	1248	23°49' 44.1475"N	80° 37' 37.1077"E
19	23°49' 10.4039"N	80° 33' 39.0928"E	224	23°49' 11.0806"N	80° 34' 40.5017"E	429	23°49' 43.2808"N	80° 33' 3.4165"E	634	23°49' 43.2808"N	80° 35' 44.8165"E	839	23°49' 44.9371"N	80° 35' 44.9621"E	1044	23°49' 49.8573"N	80° 37' 34.8915"E	1249	23°49' 44.1475"N	80° 37' 37.1077"E
20	23°49' 8.5621"N	80° 33' 31.7108"E	225	23°49' 11.0806"N	80° 34' 40.5017"E	430	23°49' 43.2808"N	80° 33' 3.4165"E	635	23°49' 43.2808"N	80° 35' 44.8165"E	840	23°49' 44.9371"N	80° 35' 44.9621"E	1045	23°49' 47.8987"N	80° 37' 37.1465"E	1250	23°49' 45.1575"N	80° 37' 35.7275"E
21	23°49' 8.1601"N	80° 33' 30.7098"E	226	23°49' 11.7726"N	80° 34' 49.2674"E	431	23°49' 42.7384"N	80° 33' 3.6296"E	636	23°49' 42.7384"N	80° 35' 44.8165"E	841	23°49' 47.7984"N	80° 37' 37.1165"E	1046	23°49' 45.8775"N	80° 37' 35.7275"E	1251	23°49' 45.1575"N	80° 37' 35.7275"E
22	23°49' 3.5312"N	80° 33' 41.1108"E	227	23°49' 11.7726"N	80° 34' 49.2674"E	432	23°49' 42.7384"N	80° 33' 3.6296"E	637	23°49' 42.7384"N	80° 35' 44.8165"E	842	23°49' 47.7984"N	80° 37' 37.1165"E	1047	23°49' 45.8775"N	80° 37' 35.7275"E	1252	23°49' 45.1575"N	80° 37' 35.7275"E
23	23°49' 3.1094"N	80° 33' 39.8602"E	228	23°49' 11.1714"N	80° 34' 43.1193"E	433	23°49' 41.5315"N	80° 33' 3.5293"E	638	23°49' 41.5315"N	80° 35' 44.7965"E	843	23°49' 47.4583"N	80° 37' 37.1265"E	1048	23°49' 45.2129"N	80° 37' 35.7675"E	1253	23°49' 45.2129"N	80° 37' 35.7675"E
24	23°49' 3.1094"N	80° 33' 39.8602"E	229	23°49' 11.1714"N	80° 34' 43.1193"E	434	23°49' 41.5315"N	80° 33' 3.5293"E	639	23°49' 41.5315"N	80° 35' 44.7965"E	844	23°49' 47.4583"N	80° 37' 37.1265"E	1049	23°49' 45.2129"N	80° 37' 35.7675"E	1254	23°49' 45.2129"N	80° 37' 35.7675"E
25	23°49' 50.4574"N	80° 33' 49.6056"E	230	23°49' 11.3777"N	80° 34' 44.6867"E	435	23°49' 40.0115"N	80° 33' 1.3403"E	640	23°49' 40.0115"N	80° 35' 44.7865"E	845	23°49' 47.3387"N	80° 37' 37.1365"E	1050	23°49' 45.2129"N	80° 37' 35.7675"E	1255	23°49' 45.2129"N	80° 37' 35.7675"E
26	23°49' 53.9921"N	80° 33' 41.0615"E	231	23°49' 11.6042"N	80° 34' 39.2604"E	436	23°49' 39.5146"N	80° 33' 0.6465"E	641	23°49' 41.3957"N	80° 35' 38.3997"E	846	23°49' 47.3387"N	80° 37' 37.1365"E	1051	23°49' 45.2129"N	80° 37' 35.7675"E	1256	23°49' 45.2129"N	80° 37' 35.7675"E
27	23°49' 53.6171"N	80° 33' 40.5307"E	232	23°49' 11.6042"N	80° 34' 39.2604"E	437	23°49' 39.5146"N	80° 33' 0.6465"E	642	23°49' 41.3957"N	80° 35' 38.3997"E	847	23°49' 47.1984"N	80° 37' 37.2284"E	1052	23°49' 45.2129"N	80° 37' 35.7675"E	1257	23°49' 45.2129"N	80° 37' 35.7675"E
28	23°49' 53.5867"N	80° 33' 40.5307"E	233	23°49' 12.4322"N	80° 34' 35.0126"E	438	23°49' 39.1015"N	80° 33' 1.1808"E	643	23°49' 39.1015"N	80° 35' 38.2497"E	848	23°49' 47.1984"N	80° 37' 37.2284"E	1053	23°49' 45.2129"N	80° 37' 35.7675"E	1258	23°49' 45.2129"N	80° 37' 35.7675"E
29	23°49' 53.5147"N	80° 33' 39.7918"E	234	23°49' 12.4322"N	80° 34' 35.0126"E	439	23°49' 39.1015"N	80° 33' 1.1808"E	644	23°49' 39.1015"N	80° 35' 38.2497"E	849	23°49' 47.1984"N	80° 37' 37.2284"E	1054	23°49' 45.2129"N	80° 37' 35.7675"E	1259	23°49' 45.2129"N	80° 37' 35.7675"E
30	23°49' 53.4487"N	80° 33' 38.6084"E	235	23°49' 20.8945"N	80° 34' 29.5647"E	440	23°49' 38.7388"N	80° 33' 56.0998"E	645	23°49' 43.6021"N	80° 35' 37.4602"E	850	23°49' 45.1984"N	80° 37' 35.7675"E	1055	23°49' 45.2129"N	80° 37' 35.7675"E	1260	23°49' 45.2129"N	80° 37' 35.7675"E
31	23°49' 53.4487"N	80° 33' 38.6084"E	236	23°49' 20.8945"N	80° 34' 29.5647"E	441	23°49' 38.7388"N	80° 33' 56.0998"E	646	23°49' 43.6021"N	80° 35' 37.4602"E	851	23°49' 45.1984"N	80° 37' 35.7675"E	1056	23°49' 45.2129"N	80° 37' 35.7675"E	1261	23°49' 45.2129"N	80° 37' 35.7675"E
32	23°49' 52.7421"N	80° 33' 40.0000"E	237	23°49' 20.8945"N	80° 34' 29.5647"E	442	23°49' 38.7388"N	80° 33' 56.0998"E	647	23°49' 43.6021"N	80° 35' 37.4602"E	852	23°49' 45.1984"N	80° 37' 35.7675"E	1057	23°49' 45.2129"N	80° 37' 35.7675"E	1262	23°49' 45.2129"N	80° 37' 35.7675"E
33	23°49' 52.7421"N	80° 33' 40.0000"E	238	23°49' 21.5306"N	80° 34' 28.1779"E	443	23°49' 38.3025"N	80° 33' 56.7551"E	648	23°49' 43.6021"N	80° 35' 37.4602"E	853	23°49' 45.1984"N	80° 37' 35.7675"E	1058	23°49' 45.2129"N	80° 37' 35.7675"E	1263	23°49' 45.2129"N	80° 37' 35.7675"E
34	23°49' 54.1129"N	80° 33' 39.1123"E	239	23°49' 21.5306"N	80° 34' 28.1779"E	444	23°49' 38.3025"N	80° 33' 56.7551"E	649	23°49' 43.6021"N	80° 35' 37.4602"E	854	23°49' 45.1984"N	80° 37' 35.7675"E	1059	23°49' 45.2129"N	80° 37' 35.7675"E	1264	23°49' 45.2129"N	80° 37' 35.7675"E
35	23°49' 53.4377"N	80° 33' 34.3112"E	240	23°49' 21.7395"N	80° 34' 24.9465"E	445	23°49' 37.1777"N	80° 33' 2.3461"E	650	23°49' 37.1777"N	80° 35' 37.1763"E	855	23°49' 45.1984"N	80° 37' 35.7675"E	1060	23°49' 45.2129"N	80° 37' 35.7675"E	1265	23°49' 45.2129"N	80° 37' 35.7675"E
36	23°49' 53.1507"N	80° 33' 35.0087"E	241	23°49' 21.7395"N	80° 34' 24.9465"E	446	23°49' 36.9688"N	80° 33' 1.1345"E	651	23°49' 36.9688"N	80° 35' 37.1363"E	856	23°49' 45.1984"N	80° 37' 35.7675"E	1061	23°49' 45.2129"N	80° 37' 35.7675"E	1266	23°49' 45.2129"N	80° 37' 35.7675"E
37	23°49' 49.5454"N	80° 33' 20.2026"E	242	23°49' 23.8178"N	80° 34' 23.0125"E	447	23°49' 36.1808"N	80° 33' 1.2087"E	652	23°49' 36.1808"N	80° 35' 37.1363"E	857	23°49' 45.1984"N	80° 37' 35.7675"E	1062	23°49' 45.2129"N	80° 37' 35.7675"E	1267	23°49' 45.2129"N	80° 37' 35.7675"E
38	23°49' 49.5454"N	80° 33' 20.2026"E	243	23°49' 23.8178"N	80° 34' 23.0125"E	448	23°49' 36.1808"N	80° 33' 1.2087"E	653	23°49' 36.1808"N	80° 35' 37.1363"E	858	23°49' 45.1984"N	80° 37' 35.7675"E	1063	23°49' 45.2129"N	80° 37' 35.7675"E	1268	23°49' 45.2129"N	80° 37' 35.7675"E
39	23°49' 47.8901"N	80° 33' 20.3001"E	244	23°49' 24.0495"N	80° 34' 21.1123"E	449	23°49' 4.2052"N	80° 33' 1.8987"E	654	23°49' 4.2052"N	80° 35' 37.1311"E	859	23°49' 45.1984"N	80° 37' 35.7675"E	1064	23°49' 45.2129"N	80° 37' 35.7675"E	1269	23°49' 45.2129"N	80° 37' 35.7675"E
40	23°49' 47.8901"N	80° 33' 20.3001"E	245	23°49' 24.0495"N	80° 34' 21.1123"E	450	23°49' 4.2052"N	80° 33' 1.8987"E	655	23°49' 4.2052"N	80° 35' 37.1311"E	860	23°49' 45.1984"N	80° 37' 35.7675"E	1065	23°49' 45.2129"N	80° 37' 35.7675"E	1270	23°49' 45.2129"N	80° 37' 35.7675"E
41	23°49' 2.5867"N	80° 33' 7.1348"E	246	23°49' 24.0495"N	80° 34' 21.1123"E	451	23°49' 4.2052"N	80° 33' 1.8987"E	656	23°49' 4.2052"N	80° 35' 37.1311"E	861	23°49' 45.1984"N	80° 37' 35.7675"E	1066	23°49' 45.2129"N	80° 37' 35.7675"E	1271	23°49' 45.2129"N	80° 37' 35.7675"E
42	23°49' 2.5867"N	80° 33' 7.1348"E	247	23°49' 24.0495"N	80° 34' 21.1123"E	452	23°49' 4.2052"N	80° 33' 1.8987"E	657	23°49' 4.2052"N	80° 35' 37.1311"E	862	23°49' 45.1984"N	80° 37' 35.7675"E	1067	23°49' 45.2129"N	80° 37' 35.7675"E	1272	23°49' 45.2129"N	80° 37' 35.7675"E
43	23°49' 3.7512"N	80° 33' 7.0187"E	248	23°49' 24.0495"N	80° 34' 21.1123"E	453	23°49' 4.2052"N	80° 33' 1.8987"E	658	23°49' 4.2052"N	80° 35' 37.1311"E	863	23°49' 45.1984"N	80° 37' 35.7675"E	1068	23°49' 45.2129"N	80° 37' 35.7675"E	1273	23°49' 45.2129"N	80° 37' 35.7675"E
44	23°49' 4.9916"N	80° 33' 20.3010"E	249	23°49' 24.0495"N	80° 34' 21.1123"E	454	23°49' 4.2052"N	80° 33' 1.8987"E	659	23°49' 4.2052"N	80° 35' 37.1311"E	864	23°49' 45.1984"N	80° 37' 35.7675"E	1069	23°49' 45.2129"N	80° 37' 35.7675"E	1274	23°49' 45.2129"N	80° 37' 35.7675"E
45	23°49' 4.9916"N	80° 33' 20.3010"E	250	23°49' 24.0495"N	80° 34' 21.1123"E	455	23°49' 4.2052"N	80° 33' 1.8987"E	660	23°49' 4.2052"N	80° 35' 37.1311"E	865	23°49' 45.1984"N	80° 37' 35.7675"E	1070	23°49' 45.2129"N	80° 37' 35.7675"E	1275	23°49' 45.2129"N	80° 37' 35.7675"E
46	23°49' 4.9916"N	80° 33' 20.3010"E	251	23°49' 25.3626"N	80° 34' 11.2315"E	456	23°49' 2.0551"N	80° 33' 2.3458"E	661	23°49' 2.0551"N	80° 35' 37.1311"E	866	23°49' 45.1984"N	80° 37' 35.7675"E	1071	23°49' 45.2129"N	80° 37' 35.7675"E	1276	23°49' 45.2129"N	80° 37' 35.7675"E
47	23°49' 4.9916"N	80° 33' 20.3010"E	252	23°49' 25.3626"N	80° 34' 11.2315"E	457	23°49' 2.0551"N	80° 33' 2.3458"E	662	23°49' 2.0551"N	80° 35' 37.1311"E	867	23°49' 45.1984"N	80° 37' 35.7675"E	1072	23°49' 45.2129"N	80° 37' 35.7675"E	1277	23°49' 45.2129"N	80° 37' 35.7675"E
48	23°49' 4.9916"N	80° 33' 20.3010"E	253	23°49' 25.3626"N	80° 34' 11.2315"E	458	23°49' 2.0551"N	80° 33' 2.3458"E	663	23°49' 2.0551"N	80° 35' 37.1311"E	868	23°49' 45.1984"N	80° 37' 35.7675"E	1073	23°49' 45.2129"N	80° 37' 35.7675"E	1278	23°49' 45.2129"N	80° 37' 35.7675"E
49	23°49' 4.9916"N	80° 33' 20.3010"E	254	23°49' 26.2206"N	80° 34' 10.3394"E	459	23°49' 1.2576"N	80° 33' 2.9761"E	664	23°49' 1.2576"N	80° 35' 37.1311"E	869	23°49' 45.1984"N	80° 37' 35.7675"E	1074	23°49' 45.2129"N	80° 37' 35.7675"E	1279	23°49' 45.2129"N	80° 37' 35.7675"E
50	23°49' 5.6968"N	80° 33' 46.1"E	255	23°49' 26.3370"N	80° 34' 11.1415"E	460	23°49' 1.1395"N	80° 33' 2.9555"E	665	23°49' 1.1395"N	80° 35' 37.1311"E	870	23°49' 45.1984"N	80° 37' 35.7675"E	1075	23°49' 45.2129"N	80° 37' 35.7675"E	1280	23°49' 45.2129"N	80° 37' 35.7675"E
51	23°49' 7.2501"N	80° 33' 19.7898"E	256	23°49' 43.6179"N	80° 34' 12.5008"E	461	23°49' 2.5944"N	80° 33' 20.6578"E	666	23°49' 2.5944"N	80° 35' 37.1311"E	871	23°49' 45.1984"N	80° 37' 35.7675"E	1076	23°49' 45.2129"N	80° 37' 35.7675"E	1281	23°49' 45.2129"N	80° 37' 35.7675"E
52	23°49' 9.5287"N	80° 33' 1.3"E	257	23°49' 43.6179"N	80° 34' 12.5008"E	462	23°49' 3.4147"N	80° 33' 20.7312"E	667	23°49' 3.4147"N	80° 35' 37.1311"E	872	23°49' 45.1984"N	80° 37' 35.7675"E	1077	23°49' 45.2129"N	80° 37' 35.7675"E	1282	23°49' 45.2129"N	80° 37' 35.7675"E
53	23°49' 9.5287"N	80° 33' 1.7298"E	258	23°49' 43.8869"N	80° 34' 14.5601"E	463	23°49' 47.8248"N	80° 35' 46.1272"E	668	23°49' 47.8248"N	80° 35' 46.1272"E	873	23°49' 45.1984"N	80° 37' 35.7675"E	1078	23°49' 45.2129"N	80° 37' 35.7675"E	1283	23°49' 45.2129"N	80° 37' 35.7675"E
54	23°49' 12.4543"N	80° 33' 14.6"E	259	23°49' 43.8869"N	80° 34' 14.5601"E	464	23°49' 47.8248"N	80° 35' 46.1272"E	669	23°49' 47.8248"N	80° 35' 46.1272"E	874	23°49' 45.1984"N	80° 37' 35.7675"E	1079	23°49' 45.2129"N	80° 37' 35.7675"E	1284	23°49' 45.2129"N	80° 37' 35.7675"E
55	23°49' 12.4543"N	80° 33' 14.6"E	260	23°49' 43.8869"N	80° 34' 14.5601"E	465	23°49' 47.8248"N	80° 35' 46.1272"E	670	23°49' 47.8248"N	80° 35' 46.1272"E	875	23°49' 45.1984"N	80° 37' 35.7675"E	1080	23°49' 45.2129"N	80° 37' 35.7675"E	1285	23°49' 45.2129"N	80° 37' 35.7675"E
56	23°49' 13.9846"N	80° 33' 11.6"E	261	23°49' 43.9006"N	80° 35' 15.7107"E	466	23°49' 48.2117"N	80° 35' 46.6026"E	671	23°49' 48.2117"N	80° 35' 46.6026"E	876	23°49' 45.1984"N	80° 37' 35.7675"E	1081	23°49' 45.2129"N	80° 37' 35.7675"E	1286	23°49' 45.2129"N	80° 37' 35.7675"E
57	23°49' 15.0237"N	80° 33' 23.1306"E	262	23°49' 43.9006"N	80° 35' 15.7107"E	467	23°49' 47.9238"N	80° 35' 47.3026"E	672	23°49' 47.9238"N	80° 35' 47.3026"E	877	23°49' 45.1984"N	80° 37' 35.7675"E	1082	23°49' 45.2129"N	80° 37' 35.7675"E	1287	23°49' 45.2129"N	80° 37' 35.7675"E
58	23°49' 15.0237"N	80° 33' 23.1306"E	263	23°49' 43.9006"N	80° 35' 15.7107"E	468	23°49' 47.9238"N	80° 35' 47.3026"E	673	23°49' 47.9238"N	80° 35' 47.3026"E	878	23°49' 45.1984"N	80° 37' 35.7675"E	1083	23°49' 45.2129"N	80° 37' 35.7675"E	1288	23°49' 45.2129"N	80° 37' 35.7675"E
59	23°49' 15.0237"N	80° 33' 23.1306"E	264	23°49' 43.9006"N	80° 35' 15.7107"E	469	23°49' 48.3149"N	80° 35' 48.1884"E	674	23°49' 48.3149"N	80° 35' 48.1884"E	879	23°49' 45.1984"N	80° 37' 35.7675"E	1084	23°49' 45.2129"N	80° 37' 35.7675"E	1289	23°49' 45.2129"N	80° 37' 35.7675"E
60	23°49' 15.0237"N	80° 33' 23.1306"E	265	23°49' 43.9006"N	80° 35' 15.7107"E	470	23°49' 48.3149"N	80° 35' 48.1884"E	675	23°49' 48.3149"N	80° 35' 48.1884"E	880	23°49' 45.1984"N	80° 37' 35.7675"E	1085	23°49' 45.2129"N	80° 37' 35.7675"E	1290	23°49' 45.2129"N	80° 37' 35.7675"E
61	23°49' 15.0237"N	80° 33' 23.1306"E	266	23°49' 43.9006"N	80° 35' 15.7107"E	471	23°49' 48.3149"N	80° 35' 48.1884"E	676	23°49' 48.3149"N	80° 35' 48.1884"E	881	23°49' 45.1984"N	80° 37' 35.7675"E	1086	23°49' 45.2129"N	80° 37' 35.7675"E	1291	23°49' 45.2129"N	80° 37' 35.7675"E
62	23°49' 15.0237"N	80° 33' 23.1306"E	267	23°49' 43.9006"N	80° 35' 15.7107"E	472	23°49' 48.3149"N	80° 35' 48.1884"E	677	23°49' 48.3149"N	80° 35' 48.1884"E	882	23°49' 45.1984"N	80° 37' 35.7675"E	1087	23°49' 45.2129"N	80° 37' 35.7675"E	1292	23°49' 45.2129"N	80° 37' 35.7675"E
63	23°49' 15.0237"N	80° 33' 23.1306"E	268	23°49' 43.9006"N	80° 35' 15.7107"E	473	23°49' 48.3149"N	80° 35' 48.1884"E	678	23°49' 48.3149"N	80° 35' 48.1884"E	883	23°49' 45.1984"N	80° 37' 35.7675"E	1088	23°49' 45.2129"N	80° 37' 35.7675"E	1293	23°49' 45.2129"N	80° 37' 35.7675"E
64	23°49' 15.0237"N	80° 33' 23.1306"E	269	23°49' 43.9006"N	80° 35' 15.7107"E	474	23°49' 48.3149"N	80° 35' 48.1884"E	679	23°49' 48.3149"N	80° 35' 48.1884"E	884	23°49' 45.1984"N	80° 37' 35.7675"E	1089	23°49' 45.2129"N	80° 37' 35.7675"E	1294	23°49' 45.2129"N	80° 37' 35.7675"E
65	23°49' 15.0237"N	80° 33' 23.1306"E	270	23°49' 43.9006"N	80° 35' 15.7107"E	475	23°49' 48.3149"N	80° 35' 48.1884"E	680	23°49' 48.3149"N	80° 35' 48.1884"E	885	23°49' 45.1984"N	80° 37' 35.7675"E	1090	23°49' 45.2129"N	80° 37' 35.7675"E	1295	23°49' 45.2129"N	80° 37' 35.7675"E
66	23°49' 15.0237"N	80° 33' 23.1306"E	271	23°49' 43.9006"N	80° 35' 15.7107"E	476	23°49' 48.3149"N	80° 35' 48.1884"E	681	23°49' 48.3149"N	80° 35' 48.1884"E	886	23°49' 45.1984"N	80° 37' 35.7675"E	1091	23°49' 45.2129"N	80° 37' 35.7675"E	1296	23°49' 45.2129"N	80° 37' 35.7675"E
67	23°49' 15.0237"N	80° 33' 23.1306"E	272	23°49' 43.9006"N	80° 35' 15.7107"E	477	23°49' 48.3149"N	80° 35' 48.1884"E	682	23°49' 48.3149"N	80° 35' 48.1884"E	887	23°49' 45.1984"N	80° 37' 35.7675"E	1092	23°49' 45.2129"N	80° 37' 35.7675"E	1297	23°49' 45.2129"N	80° 37' 35.7675"E
68	23°49' 15.0237"N	80° 33' 23.1306"E	273	23°49' 43.9006"N	80° 35' 15.7107"E	478	23°49' 48.3149"N	80° 35' 48.1884"E	683	23°49' 48.3149"N	80° 35' 48.1884"E	888	23°49' 45.1984"N	80° 37' 35.7675"E	1093	23°49' 45.2129"N	80° 37' 35.7675"E	1298	23°49' 45.2129"N	80° 37' 35.7675"E
69	23°49' 15.0237"N	80° 33' 23.1306"E	274	23°49' 43.9006"N	80° 35' 15.7107"E	479	23°49' 48.3149"N	80° 35' 48.1884"E	684	23°49' 48.3149"N	80° 35' 48.1884"E	889	23°49' 45.1984"N	80° 37' 35.7675"E	1094	23°49' 45.2129"N	80° 37' 35.7675"E	1299	23°49' 45.2129"N	80° 37' 35.7675"E
70	23°49' 15.0237"N	80° 33' 23.1306"E	275	23°49' 43.9006"N	80° 35' 15.7107"E	480	23°49' 48.3149"N	80° 35' 48.1884"E	685	23°49' 48.3149"N	80° 35' 48.1884"E	890	23°49' 45.1984"N	80° 37' 35.7675"E	1095	23°49' 45.2129"N	80° 37' 35.7675"E	1300	23°49' 45.2129"N	80° 37' 35.7675"E
71	23°49' 15.0237"N	80° 33' 23.1306"E	276	23°49' 43.2989"N	80

Geo Referenced Land Use Plan of Kotre-Basantpur-Pachmo Opencast Coal Project



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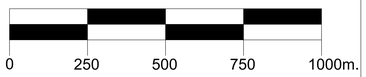

Land Use Breakup			
Activities Proposed	**Non Forest**	**Forest Land**	**Total Land**
Quarry	122.302	469.508	**591.81**
OB Dump	3.32	159.45	**162.77**
NalaDiversion	0.8	23.99	**24.79**
Infra	2.28	24.46	**26.74**
Railway Corridor	3.24	3.02	**6.26**
Proposed Road	1.47	10.82	**12.29**
Embankment	0.95	2.18	**3.13**
Safety Zone	1.138	10.112	**11.25**
Green Belt	21.2	151.63	**172.83**
Total	**156.7**	**855.17**	**1011.87**

LEGEND

Parameters	Symbols	Area (Ha.)
Quarry Area		591.81 Ha.
External OB Dump Area		162.77 Ha.
Infrastructures (W/S, CHP, S/S, Top Soil Area etc.		26.74 Ha.
Kedla Danea Railway Corridor		6.26 Ha.
Proposed Road		12.29 Ha.
Embankment against Chutua Nala		3.13 Ha.
Safety Zone		11.25 Ha.
Green belt		172.83 Ha.
Diverted Nala		24.79 Ha.
Revised Lease Boundary		1011.87 Ha.
Grid Line		

FOREST LAND DETAILS

Parameters	Symbols	Area (Ha.)
Notified Forest Land		564.16 Ha.
Jungle Jhari Land		291.01 Ha.

21/12/23
Surveyor KBP

Owner	CENTRAL COALFIELDS LIMITED
Project	Kotre-Basantpur-Pachmo Opencast Coal Project (Capacity: 5MT / Annum)

Geo Referenced Land Use Plan of Kotre-Basantpur-Pachmo Opencast Coal Project

Date & Signature of Surveyor (Kotre-Basantpur-Pachmo OCP)	Date & Signature of Manager (Kotre-Basantpur-Pachmo OCP)

LAND SUITABILITY CERTIFICATE BY DFO GIRIDIH EAST FOREST DIVISION

This is to certify that 1012.18 ha. Forest Land of Giridih East Forest Division identified for Compensatory Afforestation in lieu of diversion of forest land measuring area of 505.02 ha. in Ramgarh Forest Division for C.C.L. Kotre Basantpur, Pachmo Open Cast Project is found suitable for Compensatory Afforestation from management point of view. The details of forest land identified for Compensatory Afforestation is as below :-

Sl. No.	Site Name	Thana Name/Thana No.	Plot No.	Area in Ha.
1	2	3	4	5
1	Gulidari	Dumri 13	162	43.59
2	Khudisar	Dumri 12	183, 184, 185, 186 (P), 187 (P)	34.05
3	Jangidiri	Dumri 57	367, 363 (P), 333 (P), 269, 58, 39, 373, 368, 90, 5 , 332	59.63
4	Dumariakhalar	Pirtanr 30	182, 181, 1, 31, 39, 41, 44, 50, 184 (P)	43.80
5	Kumharlalo	Pirtanr 21	88(P), 50(P), 116(P), 117(P), 119(P), 120(P), 455(P)	43.07
6	Gumgi	Tisri 166	674,673,672,677,671,679,681,680,682(P),683,684,657, 655, 656, 658, 659, 927 (P), 925, 924, 923, 926, 928	160.47
7	Sonre	Deori 53	1, 101, 303, 113 (P), 334, 264, 263, 359, 362	47.25
8	Noniatari	Deori 59	110	19.23
9	Kanikend	Gawan 183	4, 7, 9, 12 (P), 13(P), 15(P), 11(P), 10(P)	24.28
10	Garhatanar	Gawan 44	339, 338, 25, 26, 24, 21, 20, 19, 17, 18, 2, 3, 12, 4, 154	138.93
11	Bendro	Gawan 230	2,337, 263	55.74
12	Jabardaha	Gandey 566	351, 371, 370, 498, 378	18.56
13	Rajudih	Pirtar 53	517, 614, 615, 617, 626	35.36
14	Barapahari	Pirtanr 40	1, 26, 629, 150, 151(P), 152 (P), 154, 155, 161, 620, 618	40.22
15	Madnutand	Bengabad 127	7, 29, 33	22.04
16	Dongo	Bengabad 42	34, 343	31.00
17	Mohania Pahari	Bengabad 123	164, 169, 175, 178, 179, 181, 184, 192, 185, 174, 106	194.96
			TOTAL-	1012.18

राजीव हुई / RAJIB HUI
परियोजना पदाधिकारी / PROJECT OFFICER
कोटरे बसंतपुर पंचमो कोल परियोजना
Kotre Basantpur Pachmo Coal Mine
सीसीएल, रांची / C.C.L., Ranchi

कार्यालय:-वन प्रमण्डल पदाधिकारी
सत्यमेव जयते
गिरिडीह पूर्वी वन प्रमण्डल

3/7/23

Divisional Forest Officer,
Giridih East Forest Division.

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LAND SUITABILITY CERTIFICATE BY DFO GIRIDIH EAST FOREST DIVISION

This is to certify that 708.18 ha. Forest Land of Giridih East Forest Division identified for Compensatory Afforestation in lieu of diversion of forest land measuring area of 350.15 ha. Forest Land of Bokaro Forest Division for C.C.L. Kotre Basantpur, Pachmo Open Cast Project is found suitable for Compensatory Afforestation from management point of view. The details of forest land identified for Compensatory Afforestation is as below :-

Sl. No.	Site Name	Thana Name/Thana No.	Plot No.	Area in Ha.
1	2	3	4	5
1	Rangamati	Gawan 212	333, 349, 362, 363, 366	48.01
2	Bariyabad	Bengabad 4	743, 744, 745	38.00
3	Kargalo	Bengabad 13	20	16.52
4	Machania	Gawan 169	1, 6, 18, 20, 21, 23	52.58
5	Sijua	Gawan 351	2, 8, 10, 11, 12	50.00
6	Tinpatli	Gandey 485	2,16,104, 111, 144, 146, 233, 235,252	30.58
7	Saharpura	Bengabad 51G	1, 2, 3, 4, 386	37.00
8	Tilaibona	Gandey 551	1, 11, 15, 161, 162, 163, 168, 232	57.30
9	Baijnathpur	Bengabad 337	2, 5	24.44
10	Mohanpur	Gandey 440	116, 178, 213, 138, 219	15.64
11	Ahilyapur	Gandey 548	3086, 3097, 3849, 3847, 2889, 3003, 3835, 3806, 3813, 3019, 3079	60.00
12	Paisratanr	Gawan 121	165, 170, 171	37.20
13	Badkibergi	Dumri 55	165, 416, 551, 687	69.70
14	Ghorchanchi	Pirtand 25	1, 214, 215, 293	39.55
15	Majhladih	Birni 106	696, 720, 739, 779, 786	35.66
16	Pipradih	Birini 114	2, 4, 64, 363, 504, 514, 518, 530	96.00
			Total :-	708.18

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Kotre Basantpur Pachmo Coal Mine
सीसीएल, राँची / C.C.L., Ranchi

कार्यालयः–वन प्रमण्डल गिरिडीह पूर्वी वन प्रमण्डल

Divisional Forest Officer,
Giridih East Forest Division.

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e-Green Watch

FCA Projects, Diverted Land, CA Land Management

Home FCA-1980 Projects Diverted Lands CA Lands Reports

Detailed Summary of Selected FCA Project

Project Basic details

S.No.	Project Name	Project Year	Project Type	Purpose of Diversion	Total Land Diverted	User Agency
1	CCL KOTARE BASANTPUR, PANCHMO COAL MINES PROJECT	2023	Mining	MINING	855.170	

Details of Diverted forest land

S.No.	Area Diverted (In Hac)	Division	Range	Forest Type	Location
1	505.020	Ramgarh	Mandu	Protected Forest (PF)	Mandu Range
2	350.150	Bokaro	Tenughat	Protected Forest (PF)	Tenughat Range

Details of Lands received from user agency for Compensatory Afforestation

S.No.	Land Type	Area(in Ha)	District	Range	Notification order No.
1	Degraded Notified Forest	43.590		Dumri [Giridih East]	
2	Degraded Notified Forest	34.050		Dumri [Giridih East]	
3	Degraded Notified Forest	59.630		Dumri [Giridih East]	
4	Degraded Notified Forest	43.800		giridih [Giridih East]	
5	Degraded Notified Forest	43.070		giridih [Giridih East]	
6	Degraded Notified Forest	160.470		Gawa [Giridih East]	
7	Degraded Notified Forest	47.250		Gawa [Giridih East]	
8	Degraded Notified Forest	19.230		Gawa [Giridih East]	
9	Degraded Notified Forest	24.280		Gawa [Giridih East]	
10	Degraded Notified Forest	138.930		Gawa [Giridih East]	
11	Degraded Notified Forest	55.740		Gawa [Giridih East]	
12	Degraded Notified Forest	18.560		Khurchutta [Giridih East]	
13	Degraded Notified Forest	35.360		giridih [Giridih East]	
14	Degraded Notified Forest	40.220		giridih [Giridih East]	
15	Degraded Notified Forest	22.040		Khurchutta [Giridih East]	
16	Degraded Notified Forest	31.000		Khurchutta [Giridih East]	
17	Degraded Notified Forest	194.960		Khurchutta [Giridih East]	
18	Degraded Notified Forest	17.000		Mandu [Ramgarh]	
19	Degraded Notified Forest	48.010		Gawa [Giridih East]	
20	Degraded Notified Forest	38.000		Bengabad [Giridih West]	
21	Degraded Notified Forest	16.520		Khurchutta [Giridih East]	
22	Degraded Notified Forest	52.580		Gawa [Giridih East]	
23	Degraded Notified Forest	50.000		Gawa [Giridih East]	
24	Degraded Notified Forest	30.580		Khurchutta [Giridih East]	
25	Degraded Notified Forest	37.000		Bengabad [Giridih West]	
26	Degraded Notified Forest	57.300		Khurchutta [Giridih East]	
27	Degraded Notified Forest	24.440		Khurchutta [Giridih East]	
28	Degraded Notified Forest	15.640		Khurchutta [Giridih East]	
29	Degraded Notified Forest	60.000		Khurchutta [Giridih East]	
30	Degraded Notified Forest	37.200		Gawa [Giridih East]	
31	Degraded Notified Forest	69.700		Dumri [Giridih East]	
32	Degraded Notified Forest	39.550		giridih [Giridih East]	
33	Degraded Notified Forest	35.660		giridih [Giridih East]	
34	Degraded Notified Forest	96.000		giridih [Giridih East]	

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