Mine Summary

BRAHAMADIHA COAL BLOCK

PART A

Sr. No.	Features	Details
1.	**Location**	
	Coal Block	**Brahamadiha**
	Latitude	24° 8' 19"N – 24° 09'18" N (Provisional)
	Longitude	86° 19' 12"E – 86° 19' 53"E (Provisional)
	Topo Sheet No.	G45U8
	Coalfield	Giridih Coalfield
	Villages	Tikodih, Biswasdih, Buriadih, Chunjka and Bhorandiha (As per Mining Plan)
	Tehsil/ Taluka	NA
	District	Giridih
	State	Jharkhand
2.	**Connectivity with Block**	
	Nearest Rail Head	Tikodih village of the OCP area is only 6Km from Giridih Rly Station.
	Road	Approachable by fair weather link road of 1.2 km from Giridih-Purulia district road.
	Airport	Nearest airport is at Ranchi (Approx. 200 km)
3.	**Area**	
	Geological Block Area	0.87 sq.km (As per shape file; Refer Note No. 3)
	Mining Lease Area (As per Mining Plan)	105.153 Ha
	Forest Area	NIL
	Non-Forest Area	105.153 Ha
4.	**Climate and Topography**	
	Average Annual Rainfall	1130 mm
	Temperature (Min. – Max.)	10^0 C- 48^0 C
	Local Surface Drainage Channels	The river Barakar flowing from W-NW to E-SE direction on the South of the Giridih Coalfield is mainly draining the Coalfield area. There are two minor nalas which are originating within the proposed leasehold area.
	Rivers	Barakar
5.	**Exploration**	
	Status	Partly explored
	Exploration Agency	CCL
	No. of boreholes and meterage drilled	8 boreholes (2 Coring and 6 Non-coring) Meterage drilled: 316.9
	General Dip of Seams	I in 4
	General strike	NW – SE

6	**Coal Seam details (As per the Mining Plan)**					
	Coal Seams/ Parting	Thickness Range (m)	Geo Reserve (Mt)	Extractable Reserve (Mt)	Grade	Mining Method (UG/OC/Mixed)
	Lower Kharharbari Seam	6.00	5.00	2.215	Steel-I	OC
	Total Coal (Mt)		**5.00**	**2.215**	Steel-I	
	Total Overburden (Mcum)			**23.54**		
	Stripping Ratio (cum)			**10.63**		

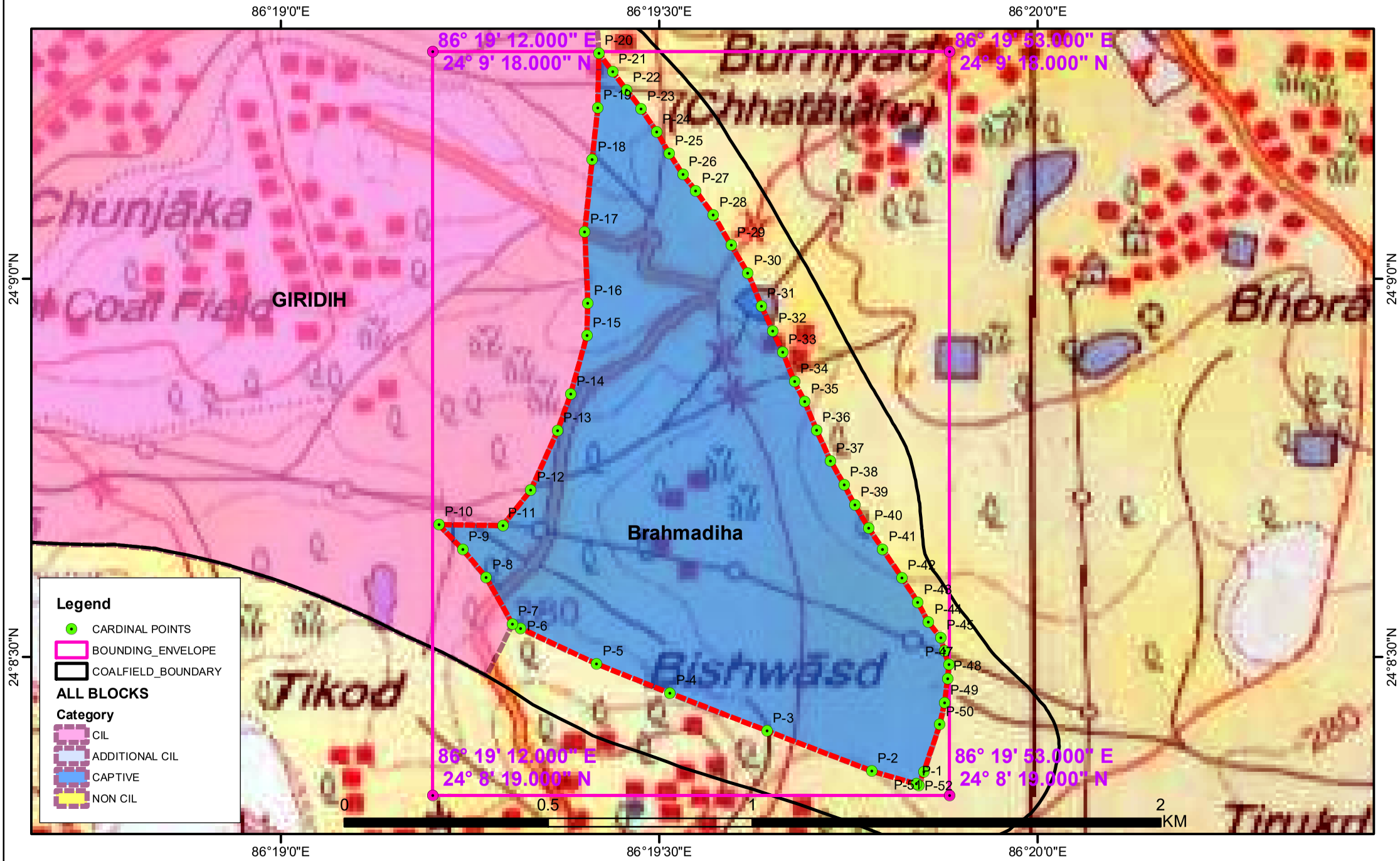
PART B

Sr. No.	**Features**	**Details**
1.	**Previous Allocation**	
	Name and Address of Allocatee	M/S Castron Technologies Ltd. 1. Regtd. Office: 8, Waterloo Street. Calcutta-700069 Tel: 033-2486442 Fax: 033-2489975 2. Business Office: Lal Bunglow, Dhaiya. P.O. Nag Nagar, Dhanbad 826004 Tel: 0326-203390 Fax: 0326-207455
2.	**Target Capacity as per Mining Plan**	0.15 Mty
3.	**Status of Clearances/Approvals**	
	Mining Plan/ Mine Closure Plan	MP Approved by MoC, No. 13016/8/99-CA dated: 02.03.2000
	Forest Clearance	No requirement of forest land
	Environmental Clearance	Status not available
	Mining Lease	105.153 Ha (As per Mining Plan)
	Land Acquisition	Data not available
	No. of PAFs as per Mining Plan/ Mine Closure Plan	Not provided in the Mining Plan
4.	Surface Infrastructure already built, if any.	Data not available

Note:

1. The above data is compiled from Approved Mining Plan of the project and the Geological Note for only a part of RCA Sector (covering an area of 0.015 sq.km), as received from the prior allottee. For clarifications with regard to above data, please refer aforesaid source documents.
2. The block boundary is provisional and the cardinal points, bounding co-ordinates are approximate.
3. There is a difference in area in the shape file and the lease area given in the Mining Plan. So, the area is tentative and field DGPS survey is required to ascertain the exact area.

Brahmadiha Block, Giridih Coalfield



NOTE: Coordinates are provisional in WGS84 System

Provisional Cardinal Points for Brahmadiha Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-1	86° 19' 50.379" E	24° 8' 19.931" N
P-2	86° 19' 46.867" E	24° 8' 20.959" N
P-3	86° 19' 38.558" E	24° 8' 24.129" N
P-4	86° 19' 30.848" E	24° 8' 27.127" N
P-5	86° 19' 25.023" E	24° 8' 29.439" N
P-6	86° 19' 19.027" E	24° 8' 32.266" N
P-7	86° 19' 18.342" E	24° 8' 32.609" N
P-8	86° 19' 16.286" E	24° 8' 36.292" N
P-9	86° 19' 14.401" E	24° 8' 38.520" N
P-10	86° 19' 12.517" E	24° 8' 40.490" N
P-11	86° 19' 17.571" E	24° 8' 40.404" N
P-12	86° 19' 19.798" E	24° 8' 43.231" N
P-13	86° 19' 21.940" E	24° 8' 47.942" N
P-14	86° 19' 22.968" E	24° 8' 50.855" N
P-15	86° 19' 24.252" E	24° 8' 55.480" N
P-16	86° 19' 24.338" E	24° 8' 58.050" N
P-17	86° 19' 24.081" E	24° 9' 3.704" N
P-18	86° 19' 24.681" E	24° 9' 9.443" N
P-19	86° 19' 25.109" E	24° 9' 13.529" N
P-20	86° 19' 25.212" E	24° 9' 17.872" N
P-21	86° 19' 26.291" E	24° 9' 16.407" N
P-22	86° 19' 27.422" E	24° 9' 14.942" N
P-23	86° 19' 28.553" E	24° 9' 13.452" N
P-24	86° 19' 29.812" E	24° 9' 11.627" N
P-25	86° 19' 30.788" E	24° 9' 9.906" N
P-26	86° 19' 31.868" E	24° 9' 8.261" N
P-27	86° 19' 32.896" E	24° 9' 6.950" N
P-28	86° 19' 34.288" E	24° 9' 5.049" N
P-29	86° 19' 35.702" E	24° 9' 2.659" N
P-30	86° 19' 37.038" E	24° 9' 0.423" N
P-31	86° 19' 38.117" E	24° 8' 57.827" N
P-32	86° 19' 38.991" E	24° 8' 55.849" N
P-33	86° 19' 39.788" E	24° 8' 54.153" N
P-34	86° 19' 40.713" E	24° 8' 51.840" N
P-35	86° 19' 41.535" E	24° 8' 50.246" N
P-36	86° 19' 42.460" E	24° 8' 47.985" N
P-37	86° 19' 43.591" E	24° 8' 45.544" N
P-38	86° 19' 44.670" E	24° 8' 43.642" N
P-39	86° 19' 45.493" E	24° 8' 42.049" N
P-40	86° 19' 46.603" E	24° 8' 40.224" N
P-41	86° 19' 47.734" E	24° 8' 38.528" N
P-42	86° 19' 49.250" E	24° 8' 36.267" N
P-43	86° 19' 50.509" E	24° 8' 34.339" N
P-44	86° 19' 51.331" E	24° 8' 32.772" N
P-45	86° 19' 52.308" E	24° 8' 31.538" N
P-46	86° 19' 52.616" E	24° 8' 30.459" N
P-47	86° 19' 52.976" E	24° 8' 29.380" N
P-48	86° 19' 52.873" E	24° 8' 28.275" N
P-49	86° 19' 52.616" E	24° 8' 26.373" N

Provisional Cardinal Points for Brahmadiha Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-50	86° 19' 52.257" E	24° 8' 24.651" N
P-51	86° 19' 50.972" E	24° 8' 20.899" N
P-52	86° 19' 50.586" E	24° 8' 19.820" N