

MEGHULI COAL BLOCK SUMMARY

PART A

Sr. No	Features	Details
1. Location		
	Coal Block	MEGHULI
	Latitude	23° 46' 56" - 23° 48' 28" N (Provisional)
	Longitude	83° 31' 22" - 83° 34' 17" E (Provisional)
	Topo Sheet No.	64 M/9
	Coalfield	Tatapani Ramkola
	Villages	Meghuli
	Tehsil/Taluka	Ramanujganj
	District	Balrampur
	State	Chhattisgarh
2. Connectivity with Block		
	Nearest Rail Head	The nearest railhead is Garwa Road in Jharkhand on Chopan-Garwa section of Eastern Railway and is about 85 kms away from the explored Meghuli Block.
	Road	The nearest important localities to this area are the Ramanujaganj to the east and Wadруп-nagar to the south-west. The area can be approached by fair weather forest and other roads from the both the localities.
	Airport	-
3. Area		
	Geological Block Area	10.89 sq.km. (As per shape file. Refer note below)
	Forest Area	Approx. 21 %
	Non-Forest Area	The plain country is extensively cultivated.
4. Climate and Topography		
	Average Annual Rainfall	1300 mm – 1800 mm
	Temperature (Min. — Max.)	3°C - 46°C
	Local Surface Drainage Channels	The area is drained by easterly flowing Banki River and its tributaries. The Banki River eventually joins with Sendur River to the east of the Meghuli area.
	Rivers	Banki River
5. Exploration		
	Status	Explored in detail

	Exploration Agency	MECL			
	Total Number of Boreholes with meterage	90 Boreholes, 24438.30 m			
	Borehole Density	Approx. 8.26 Borehole/sq.km.			
	General Dip of Seams	Gentle south-westerly dip (7°-12°)			
	General Strike Direction	The general trend of formation is WNW-ESW and beds strike E-W to NW-SE			
6.	Coal Seams & Reserve				
	Number of Coal Seams	Thickness Range (m)	Depth Range (m) (Floor)	Geological Reserve (MT)	Grade
	XXII	1.28 - 2.86	7.5 - 18.11	1.962	G15 - G17
	XXI TOP	0.48 - 2.84	8.56 - 37.62	1.04	G12 - G15
	XXI BOTTOM	0.35 - 1.78	13.5 - 41.87	0.67	G15 - G16
	XXI COMBINED	2.04 - 4.95	8.34 - 30.5	0.703	G14 - G16
	XX	0.5 - 7.37	12.5 - 56.35	4.729	G12 - G17
	XIX TOP	0.25 - 1.05	14.15 - 57.45		G12 - G17
	XIX BOTTOM	0.2 - 1.04	18.49 - 60.6	0.073	G10 - G15
	XIX COMBINED	0.4 - 1.18	33.85 - 66.14	0.247	G12 - G15
	XVIII	0.08 - 0.75	12.95 - 77.49		G12 - G17
	XVII TOP	0.31 - 1.11	7.68 - 100.93	0.885	G7 - G17
	XVII BOTTOM	0.13 - 1.5	12.83 - 104	0.856	G8 - G17
	XVII COMBINED	2.29 - 3.55	22.4 - 79.95	1.551	G11 - G17
	XVI TOP	0.28 - 2.8	14 - 122.7	6.36	G8 - G14
	XVI BOTTOM	0.85 - 1.45	20.6 - 129	3.629	G5 - G13
	XV A	1 - 2.51	23.45 - 152.9	4.646	G7 - G15
	XV B	0.5 - 0.82	25.2 - 155.5		G8 - G16
	XV A+B COMBINED	1.2 - 4.17	21 - 128.5	2.618	G8 - G14
	XVC	0.49 - 1.2	10.55 - 158.1	1.286	G9 - G16
	XV A+B+C COMBINED	6.13 - 6.13	129.29 - 134.65	0.752	G14 - G14
	XV D	0.5 - 2.95	30 - 161.28	2.101	G8 - G13
	XV E	0.64 - 2	10.12 - 163.4	2.935	G9 - G14
	XV D+E	0.65 - 5.92	17.47 - 142.6	2.604	G10 - G16
	XIV	0.1 - 1.5	15.5 - 170.38	2.225	G7 - G13
	XIII	0.6 - 3.03	16.5 - 192.55	3.297	G7 - G17
	XII	0.3 - 1.97	11.5 - 201.6	5.325	G7 - G15
	XI	0.25 - 3.25	16.2 - 211.1	9.52	G7 - G13
	X A	0.3 - 3.06	12.7 - 212.85	2.581	G6 - G17
	X B	0.25 - 2.82	26.7 - 214.4	1.84	G7 - G15
	X A+B COMBINED	0.45 - 3.29	10.25 - 216.05	1.931	G7 - G17
	X C	0.15 - 2.9	12.2 - 216.7	3.475	G9 - G16
	IX	0.2 - 2	9.53 - 224.36	5.078	G6 - G17
	VIII	1 - 4.53	8.05 - 244.07	12.676	G7 - G16
	VII	0.07 - 1.7	14.68 - 256	2.728	G6 - G15
	VI-A	0.15 - 2.8	24.65 - 268.57	3.417	G8 - G17
	VI-B	0.25 - 4.14	13.87 - 263.65	4.169	G5 - G17
	VI-C	0.16 - 4	8.26 - 277.73	4.117	G8 - G17

	VI-D	0.2 - 7	12.47 - 281.6	8.684	G7 - G16
	VI C+D COMBINED	1.87 - 7.62	19 - 280.81	4.149	G8 - G16
	VI-E	0.2 - 4.98	22.32 - 287.1	5.574	G6 - G15
	VI-F	0.15 - 7.57	16.17 - 293.35	16.682	G6 - G16
	VI-E+F COMBINED	0.85 - 9.35	203.45 - 260.15	3.384	G10 - G15
	VI-G	0.25 - 7.12	12.06 - 301.8	8.507	G6 - G17
	VI-H	0.2 - 5.94	12.1 - 309.5	1.702	G7 - G16
	VI-I	0.1 - 3.3	18.3 - 313.71	2.043	G5 - G16
	VI-J	0.15 - 3.6	22.2 - 320.71	7.518	G5 - G16
	V-A	0.12 - 5.65	14.53 - 340.46	5.167	G5 - G17
	V-B	0.25 - 3.3	17.62 - 345.23	6.732	G6 - G16
	V-A+B COMBINED	1.4 - 4.2	146.85 - 271.55	0.568	G13 - G14
	V-C	0.31 - 2.08	13 - 351.3	3.854	G4 - G17
	V-D	0.35 - 5.69	14.85 - 361.7	16.045	G8 - G17
	V-E	0.1 - 3.25	19.25 - 369.9	7.587	G7 - G15
	V-F	0.1 - 3.8	7.89 - 377.59		G4 - G15
	V-G	0.4 - 4.05	10.14 - 384.42	11.003	G4 - G17
	V-H	0.15 - 5.3	13.65 - 389.2	11.936	G7 - G17
	V-G+H COMBINED	2.26 - 6.72	110.8 - 339	8.017	G9 - G15
	V-I	0.12 - 4.87	14.39 - 387.6	14.883	G5 - G17
	IV-A	0.05 - 2.17	15.37 - 415.42	2.037	G11 - G17
	IV-B	0.3 - 5.75	23.57 - 410.1	8.455	G5 - G16
	IV-C	0.1 - 2.3	29.1 - 414.2	1.942	G4 - G17
	IV-B+C COMBINED	0.7 - 4.47	193.5 - 333.53	1.136	G7 - G15
	III-A	0.1 - 5.52	12.97 - 430.7	3.847	G7 - G16
	III-B	0.1 - 3.2	17.55 - 407.94	2.832	G5 - G17
	III-C	0.12 - 6.88	21.15 - 410.6	15.469	G6 - G17
	III-B+C COMBINED	2.44 - 6.55	29.4 - 415.94	3.603	G7 - G11
	III-D	0.12 - 4.25	10.02 - 420.06	9.277	G3 - G16
	III-E	0.09 - 7.8	10.6 - 458	21.741	G3 - G17
	II-A	0.05 - 2.32	23.06 - 446.55		
	II-B	0.05 - 1.58	12.97 - 459.2		
	II-C	0.1 - 1.3	26.5 - 518.11		
	II-D	0.05 - 1.6	41.1 - 380.51		
	I TOP	0.2 - 1.12	111.25 - 400.5		
	I BOTTOM	0.25 - 1.1	138.45 - 358.3		
	UCL	0.5 - 3.55	20.55 - 345.12		
		Total		316.400	
7.	Surface Constraints	-			
8.	Grade of the block	G11 (Provisional) based on weighted average grade as per data available in GR.			
9.	Decision Support System (DSS) Analysis	Hydrology info: The polygon touches major river(s).- Banki Nadi Wildlife info: The polygon touches Wildlife Habitat(s).- Sloth Bear			
10.	Eco Sensitive Zone (ESZ)	Approx. 8.99 km from Semarsot and Palamau Tiger Corridor.			

PART B

Sr.No.	Features	Details
1.	Tentative Peak Rated Mine Capacity	4 MTPA

Note:

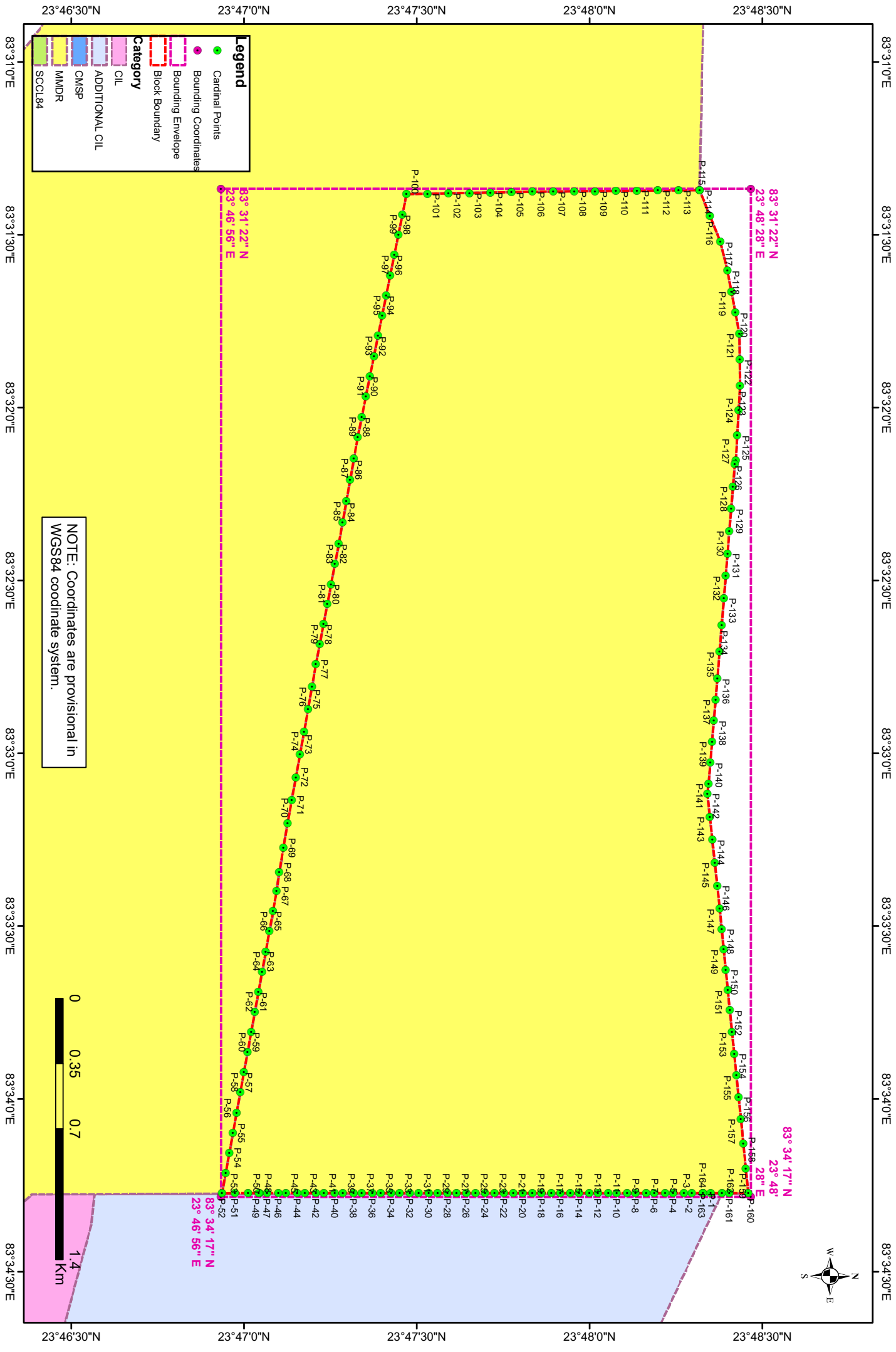
1. The boundary of the block has been taken from GR after conversion to WGS84 system by feature matching. The block boundary is provisional and the cardinal points, bounding co-ordinates are approximate.

Disclaimer:

1. The analysis is done on Beta-version (Trial Version) of Decision Support System (DSS) of FSI / MOEF.
2. The Decision Rules for various parameters of this DSS System are controlled by FSI.
3. CMPDI only runs this DSS to obtain the status of any block based on these Decision Rules.
4. The database of the Decision Rules is updated by FSI from time to time.
5. CMPDI does not own any responsibility for variation in the results which are based on the Decision Rules of the FSI DSS in case of any updation of the database at FSI end.
6. ESZ analysis and tiger habitat/ corridor given here is based on the information available in public domain. Bidders are encouraged to verify this information and any other information additionally available.

Meghuli Block, Tatapani Ramkola Coalfield

FOR INTERNAL/RESTRICTED USE ONLY



Legend

- Cardinal Points
- Bounding Coordinates
- Bounding Envelope
- Block Boundary

Category

- ADDITIONAL CIL
- CIL
- CMSP
- MMDR
- SCCL84

NOTE: Coordinates are provisional in WGS84 coordinate system.



Provisional Coordinates of Cardinal Points of Meghuli Block

Point ID	Longitude	Latitude
P-1	83° 34' 16.351" E	23° 48' 19.708" N
P-2	83° 34' 16.351" E	23° 48' 17.769" N
P-3	83° 34' 16.351" E	23° 48' 16.416" N
P-4	83° 34' 16.352" E	23° 48' 14.505" N
P-5	83° 34' 16.352" E	23° 48' 13.125" N
P-6	83° 34' 16.353" E	23° 48' 11.242" N
P-7	83° 34' 16.353" E	23° 48' 9.833" N
P-8	83° 34' 16.354" E	23° 48' 7.979" N
P-9	83° 34' 16.354" E	23° 48' 6.542" N
P-10	83° 34' 16.355" E	23° 48' 4.716" N
P-11	83° 34' 16.355" E	23° 48' 3.251" N
P-12	83° 34' 16.356" E	23° 48' 1.452" N
P-13	83° 34' 16.356" E	23° 47' 59.959" N
P-14	83° 34' 16.357" E	23° 47' 58.189" N
P-15	83° 34' 16.357" E	23° 47' 56.668" N
P-16	83° 34' 16.357" E	23° 47' 54.926" N
P-17	83° 34' 16.358" E	23° 47' 53.376" N
P-18	83° 34' 16.358" E	23° 47' 51.663" N
P-19	83° 34' 16.359" E	23° 47' 50.085" N
P-20	83° 34' 16.359" E	23° 47' 48.399" N
P-21	83° 34' 16.360" E	23° 47' 46.793" N
P-22	83° 34' 16.360" E	23° 47' 45.136" N
P-23	83° 34' 16.361" E	23° 47' 43.502" N
P-24	83° 34' 16.361" E	23° 47' 41.873" N
P-25	83° 34' 16.362" E	23° 47' 40.210" N
P-26	83° 34' 16.362" E	23° 47' 38.610" N
P-27	83° 34' 16.362" E	23° 47' 36.919" N
P-28	83° 34' 16.363" E	23° 47' 35.346" N
P-29	83° 34' 16.363" E	23° 47' 33.627" N
P-30	83° 34' 16.364" E	23° 47' 32.083" N
P-31	83° 34' 16.364" E	23° 47' 30.336" N
P-32	83° 34' 16.365" E	23° 47' 28.820" N
P-33	83° 34' 16.365" E	23° 47' 27.044" N
P-34	83° 34' 16.366" E	23° 47' 25.557" N
P-35	83° 34' 16.366" E	23° 47' 23.753" N
P-36	83° 34' 16.367" E	23° 47' 22.293" N
P-37	83° 34' 16.367" E	23° 47' 20.461" N
P-38	83° 34' 16.368" E	23° 47' 19.030" N
P-39	83° 34' 16.368" E	23° 47' 17.170" N
P-40	83° 34' 16.368" E	23° 47' 15.767" N
P-41	83° 34' 16.369" E	23° 47' 13.878" N
P-42	83° 34' 16.369" E	23° 47' 12.504" N
P-43	83° 34' 16.370" E	23° 47' 10.587" N
P-44	83° 34' 16.370" E	23° 47' 9.240" N
P-45	83° 34' 16.371" E	23° 47' 7.296" N
P-46	83° 34' 16.371" E	23° 47' 5.977" N
P-47	83° 34' 16.372" E	23° 47' 4.004" N

Provisional Coordinates of Cardinal Points of Meghuli Block

Point ID	Longitude	Latitude
P-48	83° 34' 16.372" E	23° 47' 2.714" N
P-49	83° 34' 16.372" E	23° 47' 2.551" N
P-50	83° 34' 16.370" E	23° 47' 0.715" N
P-51	83° 34' 16.373" E	23° 46' 58.445" N
P-52	83° 34' 16.374" E	23° 46' 56.187" N
P-53	83° 34' 12.877" E	23° 46' 56.820" N
P-54	83° 34' 9.379" E	23° 46' 57.452" N
P-55	83° 34' 5.882" E	23° 46' 58.084" N
P-56	83° 34' 2.385" E	23° 46' 58.716" N
P-57	83° 33' 58.888" E	23° 46' 59.348" N
P-58	83° 33' 55.391" E	23° 46' 59.981" N
P-59	83° 33' 51.893" E	23° 47' 0.613" N
P-60	83° 33' 48.396" E	23° 47' 1.245" N
P-61	83° 33' 44.899" E	23° 47' 1.877" N
P-62	83° 33' 41.401" E	23° 47' 2.509" N
P-63	83° 33' 37.904" E	23° 47' 3.141" N
P-64	83° 33' 34.407" E	23° 47' 3.773" N
P-65	83° 33' 30.910" E	23° 47' 4.405" N
P-66	83° 33' 27.412" E	23° 47' 5.037" N
P-67	83° 33' 23.915" E	23° 47' 5.669" N
P-68	83° 33' 20.677" E	23° 47' 6.108" N
P-69	83° 33' 16.388" E	23° 47' 6.843" N
P-70	83° 33' 12.099" E	23° 47' 7.577" N
P-71	83° 33' 8.131" E	23° 47' 8.295" N
P-72	83° 33' 4.162" E	23° 47' 9.013" N
P-73	83° 33' 0.193" E	23° 47' 9.731" N
P-74	83° 32' 56.225" E	23° 47' 10.449" N
P-75	83° 32' 52.338" E	23° 47' 11.127" N
P-76	83° 32' 48.450" E	23° 47' 11.806" N
P-77	83° 32' 44.563" E	23° 47' 12.484" N
P-78	83° 32' 41.080" E	23° 47' 13.145" N
P-79	83° 32' 37.597" E	23° 47' 13.805" N
P-80	83° 32' 34.113" E	23° 47' 14.466" N
P-81	83° 32' 30.630" E	23° 47' 15.127" N
P-82	83° 32' 27.147" E	23° 47' 15.787" N
P-83	83° 32' 23.663" E	23° 47' 16.448" N
P-84	83° 32' 19.954" E	23° 47' 17.107" N
P-85	83° 32' 16.245" E	23° 47' 17.766" N
P-86	83° 32' 12.535" E	23° 47' 18.425" N
P-87	83° 32' 8.826" E	23° 47' 19.084" N
P-88	83° 32' 5.116" E	23° 47' 19.743" N
P-89	83° 32' 1.602" E	23° 47' 20.450" N
P-90	83° 31' 58.088" E	23° 47' 21.156" N
P-91	83° 31' 54.575" E	23° 47' 21.863" N
P-92	83° 31' 51.061" E	23° 47' 22.569" N
P-93	83° 31' 47.547" E	23° 47' 23.275" N
P-94	83° 31' 44.033" E	23° 47' 23.982" N

Provisional Coordinates of Cardinal Points of Meghuli Block

Point ID	Longitude	Latitude
P-95	83° 31' 40.519" E	23° 47' 24.688" N
P-96	83° 31' 37.005" E	23° 47' 25.394" N
P-97	83° 31' 33.491" E	23° 47' 26.101" N
P-98	83° 31' 29.978" E	23° 47' 26.807" N
P-99	83° 31' 26.464" E	23° 47' 27.513" N
P-100	83° 31' 22.950" E	23° 47' 28.220" N
P-101	83° 31' 22.879" E	23° 47' 31.863" N
P-102	83° 31' 22.809" E	23° 47' 35.507" N
P-103	83° 31' 22.738" E	23° 47' 39.151" N
P-104	83° 31' 22.667" E	23° 47' 42.795" N
P-105	83° 31' 22.597" E	23° 47' 46.439" N
P-106	83° 31' 22.526" E	23° 47' 50.083" N
P-107	83° 31' 22.491" E	23° 47' 53.711" N
P-108	83° 31' 22.457" E	23° 47' 57.340" N
P-109	83° 31' 22.422" E	23° 48' 0.968" N
P-110	83° 31' 22.387" E	23° 48' 4.597" N
P-111	83° 31' 22.353" E	23° 48' 8.226" N
P-112	83° 31' 22.318" E	23° 48' 11.854" N
P-113	83° 31' 22.283" E	23° 48' 15.483" N
P-114	83° 31' 22.248" E	23° 48' 19.111" N
P-115	83° 31' 22.248" E	23° 48' 19.113" N
P-116	83° 31' 26.722" E	23° 48' 20.912" N
P-117	83° 31' 31.195" E	23° 48' 22.711" N
P-118	83° 31' 36.191" E	23° 48' 23.934" N
P-119	83° 31' 39.855" E	23° 48' 24.631" N
P-120	83° 31' 43.519" E	23° 48' 25.329" N
P-121	83° 31' 47.184" E	23° 48' 26.026" N
P-122	83° 31' 51.684" E	23° 48' 26.079" N
P-123	83° 31' 56.185" E	23° 48' 26.133" N
P-124	83° 32' 0.502" E	23° 48' 25.889" N
P-125	83° 32' 4.820" E	23° 48' 25.646" N
P-126	83° 32' 9.137" E	23° 48' 25.402" N
P-127	83° 32' 9.812" E	23° 48' 25.222" N
P-128	83° 32' 13.687" E	23° 48' 24.907" N
P-129	83° 32' 17.563" E	23° 48' 24.592" N
P-130	83° 32' 21.438" E	23° 48' 24.278" N
P-131	83° 32' 25.313" E	23° 48' 23.963" N
P-132	83° 32' 29.189" E	23° 48' 23.648" N
P-133	83° 32' 33.064" E	23° 48' 23.333" N
P-134	83° 32' 37.732" E	23° 48' 22.955" N
P-135	83° 32' 42.400" E	23° 48' 22.577" N
P-136	83° 32' 47.068" E	23° 48' 22.199" N
P-137	83° 32' 50.704" E	23° 48' 21.895" N
P-138	83° 32' 54.340" E	23° 48' 21.590" N
P-139	83° 32' 57.976" E	23° 48' 21.285" N
P-140	83° 33' 1.612" E	23° 48' 20.980" N
P-141	83° 33' 5.247" E	23° 48' 20.675" N

Provisional Coordinates of Cardinal Points of Meghuli Block

Point ID	Longitude	Latitude
P-142	83° 33' 7.033" E	23° 48' 20.472" N
P-143	83° 33' 11.023" E	23° 48' 20.901" N
P-144	83° 33' 15.014" E	23° 48' 21.331" N
P-145	83° 33' 19.005" E	23° 48' 21.760" N
P-146	83° 33' 22.996" E	23° 48' 22.189" N
P-147	83° 33' 26.987" E	23° 48' 22.619" N
P-148	83° 33' 30.514" E	23° 48' 22.966" N
P-149	83° 33' 34.041" E	23° 48' 23.314" N
P-150	83° 33' 37.568" E	23° 48' 23.661" N
P-151	83° 33' 41.095" E	23° 48' 24.008" N
P-152	83° 33' 44.622" E	23° 48' 24.356" N
P-153	83° 33' 48.389" E	23° 48' 24.742" N
P-154	83° 33' 52.157" E	23° 48' 25.128" N
P-155	83° 33' 55.925" E	23° 48' 25.513" N
P-156	83° 33' 59.693" E	23° 48' 25.899" N
P-157	83° 34' 3.461" E	23° 48' 26.285" N
P-158	83° 34' 7.757" E	23° 48' 26.710" N
P-159	83° 34' 12.053" E	23° 48' 27.134" N
P-160	83° 34' 16.348" E	23° 48' 27.558" N
P-161	83° 34' 16.349" E	23° 48' 24.295" N
P-162	83° 34' 16.350" E	23° 48' 22.999" N
P-163	83° 34' 16.350" E	23° 48' 21.032" N
P-164	83° 34' 16.351" E	23° 48' 19.708" N