

Merkhi West Block Summary
PART A

Sr. No.	Features	Details
1.	Location	
	Coal Block	Merkhi West
	Latitude	23° 20' 14" N-23° 22' 44" N (Provisional)
	Longitude	81° 17' 18" E-81° 21' 12" E (Provisional)
	Topo Sheet No.	64 E/7
	Coalfield	Sohagpur
	Villages	Bhadra ,Baharia, Amiliha, Barwahi, Itaur villages as per SOI
	Tehsil/Taluka	Pali
	District	Umaria
	State	Madhya Pradesh
2.	Connectivity with Block	
	Nearest Rail Head	Shahdol is the nearest railway station, situated in Bilaspur - Katni section of SEC Railway.
	Road	The area is well connected by road with Shahdol town, the district headquarter located nearly 5km. south of the block area. Fair weather roads connect many small villages located in and around Merhki block.
	Airport	
3.	Area	
	Geological Block Area	24.10 sq km (As per shape file. Refer note below)
	Forest Area	0.16 sq km (As per FSI)
	Non-Forest Area	23.94 sq.km
4.	Climate and Topography	
	Average Annual Rainfall	The maximum annual rainfall recorded was 1849 mm in the year 1994, and maximum monthly rainfall was 653 mm in August, 1991.

	Temperature (Min. — Max.)	2°C -46.9°C			
	Local Surface Drainage Channels	Murna and Basar nalas flow northerly across the block.			
	Rivers				
5.	Exploration				
	Status	Regionally explored			
	Exploration Agency	GSI			
	Total Number of Boreholes with meterage	11 boreholes & 4824.15 m			
	Borehole Density	0.46 boreholes per sq km			
	General Dip of Seams	The strata dips gently around 1° towards ENE below the sill and about 2° -3° towards SE above the sill.			
	General Strike Direction				
	Faults	Two northwesterly striking faults have been interpreted, throw varies from 15m-20m			
6.	Coal Seams and Reserve				
	Coal Seams/Zones	Thickness Range (m)	Depth Range (m)	Resources (mt)	Grade
	IV	0.55-1.35	158.9-264.92		G8-G1
	IIIA	1.49-4.3	276.05-324.23		G10-G1
	IIIB	0.65	328.45		G10-G9
	II	0.5-1.25	303-373.96		G6-G1
	I	0.72-2.6	320.7-369.45		G12-G1
	L1	1.16	398.24		G8-G7
	L	0.6-1.52	387.3-424.07		G12-G1
	Total			100	
	Thick Seams	Seam thickness 0.90m & above for Grade G1-G6 and Seam thickness 1.20m & above for Grade G7-G14)			
	Thin Seams	Seam thickness 0.50m to<0.90m for Grade G1-G6 and 0.50m to <1.20m for Grade G7-G14 is considered for Thin seams			

7.	Surface Constraints	Murna Nala, Basar Salaiya, Bhadra ,Baharia, Amiliha, Barwahi, Itaur villages
8.	Grade of coal	G6 (Provisional) based on weighted average grade as per grade-wise data in Amiliha Regional GR.
9.	Decision Support System (DSS)	Hydrology info: Murna Nala, Basar N Wildlife info: Sloth Bear, Dhole
10.	Eco Sensitive Zone (ESZ)	Approx. 15 km from the boundary of the tiger corridor between Bandhavgarh and Sanjay Gandhi NP. Approx. 8.5 km from the boundary of the tiger corridor between Bandhavgarh and Achanakmar. Approx. 14 km from the boundary of ESZ of Bandhavgarh.

Note:

1. The summary has been compiled from 'Final report on regional exploration for coal in Merkhi block, Sohagpur Coalfield, District Shahdol, Madhya Pradesh. GSI-2011
2. The block of Merkhi west is western portion of the Merkhi block whose GR by GSI is available. The statistics of depth, thickness and reserves are estimated from GR considering only the 11 no. boreholes falling within Merkhi west block.
3. Block boundary and cardinal points are provisional and shall be finalized after DGPS Survey of Boundary.

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.

23°20'0"N

23°21'0"N

23°22'0"N

23°23'0"N

81°17'0"E

81°18'0"E

81°19'0"E

81°20'0"E

81°21'0"E

81°17'0"E

81°18'0"E

81°19'0"E

81°20'0"E

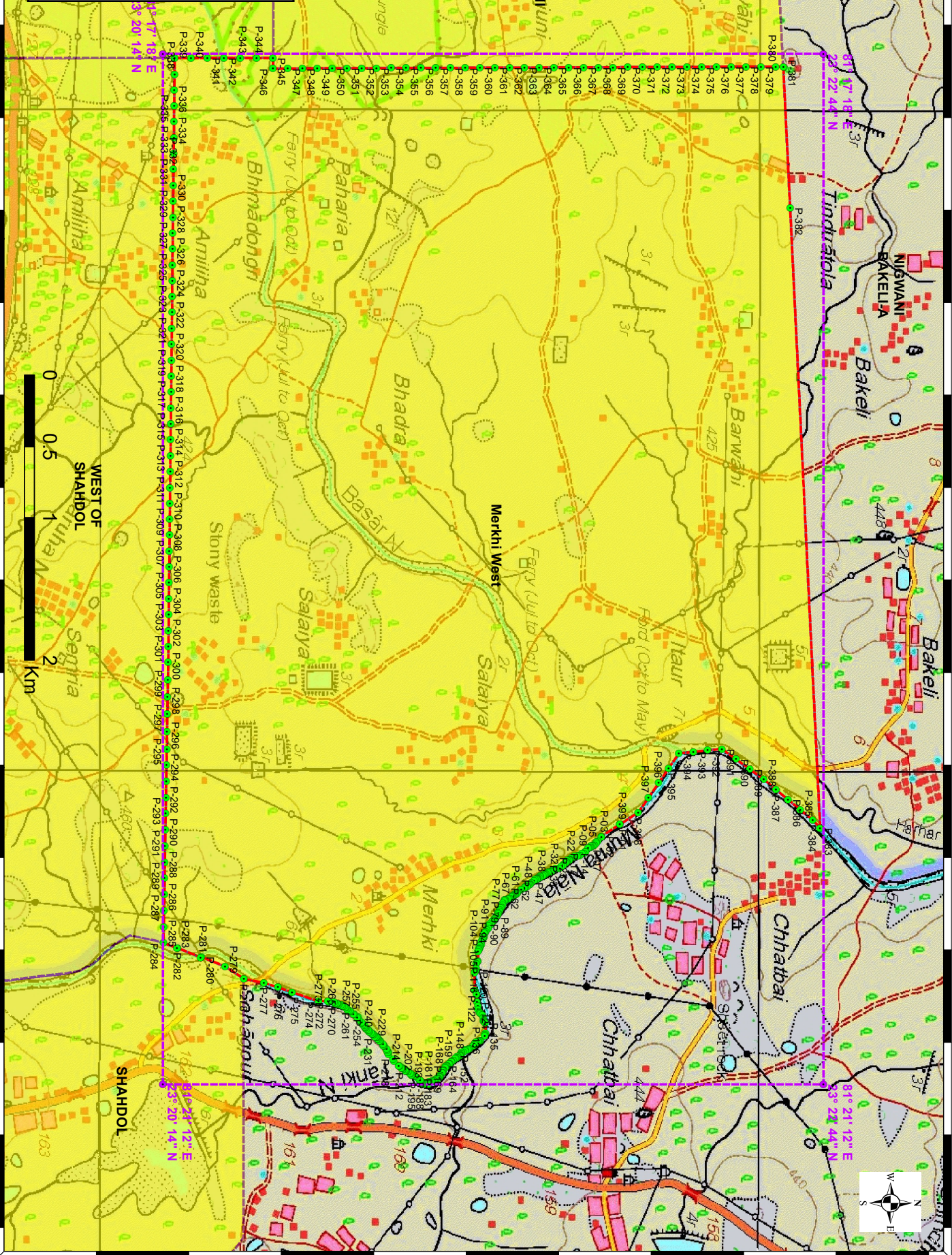
81°21'0"E

Legend

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

OCBIS_BLOCKS Category

- CIL
- ADDITIONAL CIL
- CMSP
- MMDR
- SCCL



Merkhi West Block, Sohagpur Coalfield

FOR INTERNAL/RESTRICTED USE ONLY

Provisional Cardinal Points for Merkhi West Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-1	81° 20' 12.956" E	23° 21' 57.768" N
P-2	81° 20' 15.629" E	23° 21' 53.602" N
P-3	81° 20' 15.852" E	23° 21' 53.606" N
P-4	81° 20' 16.763" E	23° 21' 52.795" N
P-5	81° 20' 16.995" E	23° 21' 52.385" N
P-6	81° 20' 17.219" E	23° 21' 52.389" N
P-7	81° 20' 17.674" E	23° 21' 51.984" N
P-8	81° 20' 17.682" E	23° 21' 51.571" N
P-9	81° 20' 17.906" E	23° 21' 51.574" N
P-10	81° 20' 17.914" E	23° 21' 51.161" N
P-11	81° 20' 18.138" E	23° 21' 51.165" N
P-12	81° 20' 18.142" E	23° 21' 50.959" N
P-13	81° 20' 18.370" E	23° 21' 50.756" N
P-14	81° 20' 18.374" E	23° 21' 50.549" N
P-15	81° 20' 19.057" E	23° 21' 49.941" N
P-16	81° 20' 19.281" E	23° 21' 49.945" N
P-17	81° 20' 19.512" E	23° 21' 49.536" N
P-18	81° 20' 19.521" E	23° 21' 49.123" N
P-19	81° 20' 19.976" E	23° 21' 48.717" N
P-20	81° 20' 19.984" E	23° 21' 48.304" N
P-21	81° 20' 20.212" E	23° 21' 48.101" N
P-22	81° 20' 20.224" E	23° 21' 47.482" N
P-23	81° 20' 20.456" E	23° 21' 47.073" N
P-24	81° 20' 20.460" E	23° 21' 46.866" N
P-25	81° 20' 20.915" E	23° 21' 46.461" N
P-26	81° 20' 20.919" E	23° 21' 46.254" N
P-27	81° 20' 21.143" E	23° 21' 46.258" N
P-28	81° 20' 21.151" E	23° 21' 45.845" N
P-29	81° 20' 21.379" E	23° 21' 45.642" N
P-30	81° 20' 21.603" E	23° 21' 45.646" N
P-31	81° 20' 21.830" E	23° 21' 45.443" N
P-32	81° 20' 22.062" E	23° 21' 45.034" N
P-33	81° 20' 22.290" E	23° 21' 44.831" N
P-34	81° 20' 22.522" E	23° 21' 44.422" N
P-35	81° 20' 22.977" E	23° 21' 44.016" N
P-36	81° 20' 22.993" E	23° 21' 43.190" N
P-37	81° 20' 23.229" E	23° 21' 42.575" N
P-38	81° 20' 23.685" E	23° 21' 42.169" N
P-39	81° 20' 23.697" E	23° 21' 41.550" N
P-40	81° 20' 23.925" E	23° 21' 41.347" N
P-41	81° 20' 24.156" E	23° 21' 40.938" N
P-42	81° 20' 24.384" E	23° 21' 40.735" N
P-43	81° 20' 24.388" E	23° 21' 40.528" N
P-44	81° 20' 24.616" E	23° 21' 40.326" N
P-45	81° 20' 24.628" E	23° 21' 39.706" N
P-46	81° 20' 24.852" E	23° 21' 39.710" N
P-47	81° 20' 25.080" E	23° 21' 39.507" N

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POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-48	81° 20' 25.088" E	23° 21' 39.094" N
P-49	81° 20' 25.311" E	23° 21' 39.098" N
P-50	81° 20' 25.315" E	23° 21' 38.891" N
P-51	81° 20' 25.539" E	23° 21' 38.895" N
P-52	81° 20' 25.547" E	23° 21' 38.482" N
P-53	81° 20' 25.775" E	23° 21' 38.279" N
P-54	81° 20' 26.234" E	23° 21' 37.667" N
P-55	81° 20' 26.462" E	23° 21' 37.465" N
P-56	81° 20' 26.466" E	23° 21' 37.258" N
P-57	81° 20' 26.690" E	23° 21' 37.262" N
P-58	81° 20' 26.698" E	23° 21' 36.849" N
P-59	81° 20' 26.926" E	23° 21' 36.646" N
P-60	81° 20' 27.149" E	23° 21' 36.650" N
P-61	81° 20' 27.157" E	23° 21' 36.237" N
P-62	81° 20' 27.385" E	23° 21' 36.034" N
P-63	81° 20' 27.845" E	23° 21' 35.422" N
P-64	81° 20' 28.308" E	23° 21' 34.604" N
P-65	81° 20' 28.536" E	23° 21' 34.401" N
P-66	81° 20' 28.760" E	23° 21' 34.405" N
P-67	81° 20' 28.768" E	23° 21' 33.992" N
P-68	81° 20' 28.991" E	23° 21' 33.995" N
P-69	81° 20' 28.995" E	23° 21' 33.789" N
P-70	81° 20' 29.223" E	23° 21' 33.586" N
P-71	81° 20' 29.227" E	23° 21' 33.380" N
P-72	81° 20' 29.451" E	23° 21' 33.383" N
P-73	81° 20' 29.455" E	23° 21' 33.177" N
P-74	81° 20' 29.687" E	23° 21' 32.767" N
P-75	81° 20' 29.691" E	23° 21' 32.561" N
P-76	81° 20' 29.919" E	23° 21' 32.358" N
P-77	81° 20' 30.154" E	23° 21' 31.742" N
P-78	81° 20' 30.158" E	23° 21' 31.536" N
P-79	81° 20' 30.382" E	23° 21' 31.540" N
P-80	81° 20' 30.838" E	23° 21' 31.134" N
P-81	81° 20' 31.285" E	23° 21' 31.142" N
P-82	81° 20' 31.736" E	23° 21' 30.943" N
P-83	81° 20' 31.964" E	23° 21' 30.740" N
P-84	81° 20' 32.415" E	23° 21' 30.541" N
P-85	81° 20' 32.643" E	23° 21' 30.338" N
P-86	81° 20' 33.094" E	23° 21' 30.139" N
P-87	81° 20' 33.318" E	23° 21' 30.143" N
P-88	81° 20' 33.546" E	23° 21' 29.940" N
P-89	81° 20' 33.997" E	23° 21' 29.741" N
P-90	81° 20' 34.453" E	23° 21' 29.336" N
P-91	81° 20' 34.676" E	23° 21' 29.339" N
P-92	81° 20' 34.680" E	23° 21' 29.133" N
P-93	81° 20' 34.904" E	23° 21' 29.137" N
P-94	81° 20' 35.136" E	23° 21' 28.727" N

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POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-95	81° 20' 35.587" E	23° 21' 28.528" N
P-96	81° 20' 35.595" E	23° 21' 28.115" N
P-97	81° 20' 36.047" E	23° 21' 27.916" N
P-98	81° 20' 36.494" E	23° 21' 27.924" N
P-99	81° 20' 36.949" E	23° 21' 27.518" N
P-100	81° 20' 37.401" E	23° 21' 27.319" N
P-101	81° 20' 37.629" E	23° 21' 27.117" N
P-102	81° 20' 37.633" E	23° 21' 26.910" N
P-103	81° 20' 38.527" E	23° 21' 26.925" N
P-104	81° 20' 38.531" E	23° 21' 26.718" N
P-105	81° 20' 38.979" E	23° 21' 26.726" N
P-106	81° 20' 39.206" E	23° 21' 26.523" N
P-107	81° 20' 39.658" E	23° 21' 26.324" N
P-108	81° 20' 40.329" E	23° 21' 26.335" N
P-109	81° 20' 40.556" E	23° 21' 26.133" N
P-110	81° 20' 40.560" E	23° 21' 25.926" N
P-111	81° 20' 41.008" E	23° 21' 25.934" N
P-112	81° 20' 41.236" E	23° 21' 25.731" N
P-113	81° 20' 41.459" E	23° 21' 25.735" N
P-114	81° 20' 41.911" E	23° 21' 25.536" N
P-115	81° 20' 43.924" E	23° 21' 25.569" N
P-116	81° 20' 44.151" E	23° 21' 25.366" N
P-117	81° 20' 44.603" E	23° 21' 25.167" N
P-118	81° 20' 45.721" E	23° 21' 25.186" N
P-119	81° 20' 46.172" E	23° 21' 24.987" N
P-120	81° 20' 46.396" E	23° 21' 24.991" N
P-121	81° 20' 46.624" E	23° 21' 24.788" N
P-122	81° 20' 50.650" E	23° 21' 24.855" N
P-123	81° 20' 51.536" E	23° 21' 25.283" N
P-124	81° 20' 53.325" E	23° 21' 25.313" N
P-125	81° 20' 54.216" E	23° 21' 25.535" N
P-126	81° 20' 54.887" E	23° 21' 25.546" N
P-127	81° 20' 55.550" E	23° 21' 25.970" N
P-128	81° 20' 55.774" E	23° 21' 25.974" N
P-129	81° 20' 55.993" E	23° 21' 26.184" N
P-130	81° 20' 56.209" E	23° 21' 26.601" N
P-131	81° 20' 56.876" E	23° 21' 26.818" N
P-132	81° 20' 57.547" E	23° 21' 26.830" N
P-133	81° 20' 57.543" E	23° 21' 27.036" N
P-134	81° 20' 57.766" E	23° 21' 27.040" N
P-135	81° 20' 57.986" E	23° 21' 27.250" N
P-136	81° 21' 0.446" E	23° 21' 27.291" N
P-137	81° 21' 0.674" E	23° 21' 27.088" N
P-138	81° 21' 0.898" E	23° 21' 27.092" N
P-139	81° 21' 2.036" E	23° 21' 26.078" N
P-140	81° 21' 2.040" E	23° 21' 25.872" N
P-141	81° 21' 2.268" E	23° 21' 25.669" N

Provisional Cardinal Points for Merkhi West Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-142	81° 21' 2.272" E	23° 21' 25.463" N
P-143	81° 21' 2.504" E	23° 21' 25.053" N
P-144	81° 21' 2.727" E	23° 21' 25.057" N
P-145	81° 21' 2.731" E	23° 21' 24.851" N
P-146	81° 21' 2.955" E	23° 21' 24.854" N
P-147	81° 21' 3.410" E	23° 21' 24.449" N
P-148	81° 21' 3.874" E	23° 21' 23.630" N
P-149	81° 21' 3.878" E	23° 21' 23.424" N
P-150	81° 21' 4.106" E	23° 21' 23.221" N
P-151	81° 21' 4.118" E	23° 21' 22.601" N
P-152	81° 21' 4.342" E	23° 21' 22.605" N
P-153	81° 21' 4.797" E	23° 21' 22.200" N
P-154	81° 21' 4.805" E	23° 21' 21.787" N
P-155	81° 21' 5.029" E	23° 21' 21.790" N
P-156	81° 21' 5.256" E	23° 21' 21.588" N
P-157	81° 21' 5.260" E	23° 21' 21.381" N
P-158	81° 21' 5.484" E	23° 21' 21.385" N
P-159	81° 21' 5.716" E	23° 21' 20.976" N
P-160	81° 21' 5.720" E	23° 21' 20.769" N
P-161	81° 21' 5.944" E	23° 21' 20.773" N
P-162	81° 21' 6.171" E	23° 21' 20.570" N
P-163	81° 21' 6.175" E	23° 21' 20.363" N
P-164	81° 21' 6.631" E	23° 21' 19.958" N
P-165	81° 21' 6.639" E	23° 21' 19.545" N
P-166	81° 21' 6.862" E	23° 21' 19.549" N
P-167	81° 21' 7.318" E	23° 21' 19.143" N
P-168	81° 21' 7.322" E	23° 21' 18.937" N
P-169	81° 21' 7.777" E	23° 21' 18.531" N
P-170	81° 21' 7.781" E	23° 21' 18.325" N
P-171	81° 21' 8.009" E	23° 21' 18.122" N
P-172	81° 21' 8.233" E	23° 21' 18.126" N
P-173	81° 21' 8.688" E	23° 21' 17.720" N
P-174	81° 21' 8.912" E	23° 21' 17.724" N
P-175	81° 21' 8.916" E	23° 21' 17.517" N
P-176	81° 21' 9.363" E	23° 21' 17.525" N
P-177	81° 21' 9.367" E	23° 21' 17.318" N
P-178	81° 21' 10.046" E	23° 21' 16.916" N
P-179	81° 21' 10.270" E	23° 21' 16.920" N
P-180	81° 21' 10.274" E	23° 21' 16.714" N
P-181	81° 21' 10.502" E	23° 21' 16.511" N
P-182	81° 21' 10.506" E	23° 21' 16.304" N
P-183	81° 21' 10.729" E	23° 21' 16.308" N
P-184	81° 21' 10.961" E	23° 21' 15.899" N
P-185	81° 21' 11.189" E	23° 21' 15.696" N
P-186	81° 21' 11.201" E	23° 21' 15.077" N
P-187	81° 21' 11.428" E	23° 21' 14.874" N
P-188	81° 21' 11.437" E	23° 21' 14.461" N

Provisional Cardinal Points for Merkhi West Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-189	81° 21' 11.660" E	23° 21' 14.464" N
P-190	81° 21' 11.888" E	23° 21' 14.262" N
P-191	81° 21' 11.908" E	23° 21' 13.229" N
P-192	81° 21' 11.684" E	23° 21' 13.225" N
P-193	81° 21' 11.693" E	23° 21' 12.812" N
P-194	81° 21' 11.469" E	23° 21' 12.809" N
P-195	81° 21' 11.473" E	23° 21' 12.602" N
P-196	81° 21' 11.249" E	23° 21' 12.599" N
P-197	81° 21' 11.253" E	23° 21' 12.392" N
P-198	81° 21' 11.030" E	23° 21' 12.388" N
P-199	81° 21' 10.371" E	23° 21' 11.758" N
P-200	81° 21' 10.155" E	23° 21' 11.341" N
P-201	81° 21' 9.936" E	23° 21' 11.131" N
P-202	81° 21' 9.948" E	23° 21' 10.511" N
P-203	81° 21' 9.724" E	23° 21' 10.507" N
P-204	81° 21' 9.504" E	23° 21' 10.297" N
P-205	81° 21' 9.508" E	23° 21' 10.091" N
P-206	81° 21' 9.069" E	23° 21' 9.670" N
P-207	81° 21' 9.077" E	23° 21' 9.257" N
P-208	81° 21' 8.854" E	23° 21' 9.253" N
P-209	81° 21' 8.858" E	23° 21' 9.047" N
P-210	81° 21' 8.634" E	23° 21' 9.043" N
P-211	81° 21' 8.418" E	23° 21' 8.627" N
P-212	81° 21' 8.199" E	23° 21' 8.416" N
P-213	81° 21' 8.203" E	23° 21' 8.210" N
P-214	81° 21' 7.764" E	23° 21' 7.789" N
P-215	81° 21' 7.768" E	23° 21' 7.583" N
P-216	81° 21' 6.670" E	23° 21' 6.532" N
P-217	81° 21' 6.226" E	23° 21' 6.318" N
P-218	81° 21' 5.128" E	23° 21' 5.267" N
P-219	81° 21' 4.681" E	23° 21' 5.259" N
P-220	81° 21' 4.685" E	23° 21' 5.053" N
P-221	81° 21' 4.242" E	23° 21' 4.839" N
P-222	81° 21' 4.018" E	23° 21' 4.835" N
P-223	81° 21' 3.359" E	23° 21' 4.204" N
P-224	81° 21' 3.136" E	23° 21' 4.200" N
P-225	81° 21' 3.140" E	23° 21' 3.994" N
P-226	81° 21' 2.916" E	23° 21' 3.990" N
P-227	81° 21' 2.257" E	23° 21' 3.360" N
P-228	81° 21' 2.034" E	23° 21' 3.356" N
P-229	81° 21' 2.038" E	23° 21' 3.149" N
P-230	81° 21' 1.818" E	23° 21' 2.939" N
P-231	81° 21' 1.598" E	23° 21' 2.729" N
P-232	81° 21' 1.375" E	23° 21' 2.725" N
P-233	81° 21' 1.379" E	23° 21' 2.519" N
P-234	81° 21' 1.155" E	23° 21' 2.515" N
P-235	81° 21' 1.163" E	23° 21' 2.102" N

Provisional Cardinal Points for Merkhi West Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-236	81° 21' 0.720" E	23° 21' 1.888" N
P-237	81° 21' 0.500" E	23° 21' 1.678" N
P-238	81° 21' 0.504" E	23° 21' 1.471" N
P-239	81° 21' 0.285" E	23° 21' 1.261" N
P-240	81° 21' 0.069" E	23° 21' 0.844" N
P-241	81° 20' 59.846" E	23° 21' 0.840" N
P-242	81° 20' 59.626" E	23° 21' 0.630" N
P-243	81° 20' 59.410" E	23° 21' 0.214" N
P-244	81° 20' 59.191" E	23° 21' 0.003" N
P-245	81° 20' 58.967" E	23° 21' 0.000" N
P-246	81° 20' 58.747" E	23° 20' 59.789" N
P-247	81° 20' 58.524" E	23° 20' 59.786" N
P-248	81° 20' 58.308" E	23° 20' 59.369" N
P-249	81° 20' 58.089" E	23° 20' 59.159" N
P-250	81° 20' 57.865" E	23° 20' 59.155" N
P-251	81° 20' 57.206" E	23° 20' 58.524" N
P-252	81° 20' 56.763" E	23° 20' 58.310" N
P-253	81° 20' 56.767" E	23° 20' 58.104" N
P-254	81° 20' 56.108" E	23° 20' 57.473" N
P-255	81° 20' 56.112" E	23° 20' 57.266" N
P-256	81° 20' 55.453" E	23° 20' 56.636" N
P-257	81° 20' 55.457" E	23° 20' 56.429" N
P-258	81° 20' 55.234" E	23° 20' 56.426" N
P-259	81° 20' 55.242" E	23° 20' 56.013" N
P-260	81° 20' 54.799" E	23° 20' 55.799" N
P-261	81° 20' 54.579" E	23° 20' 55.588" N
P-262	81° 20' 54.583" E	23° 20' 55.382" N
P-263	81° 20' 54.140" E	23° 20' 55.168" N
P-264	81° 20' 54.148" E	23° 20' 54.755" N
P-265	81° 20' 53.928" E	23° 20' 54.545" N
P-266	81° 20' 53.940" E	23° 20' 53.925" N
P-267	81° 20' 53.721" E	23° 20' 53.715" N
P-268	81° 20' 53.725" E	23° 20' 53.508" N
P-269	81° 20' 53.501" E	23° 20' 53.505" N
P-270	81° 20' 53.509" E	23° 20' 53.092" N
P-271	81° 20' 53.290" E	23° 20' 52.881" N
P-272	81° 20' 53.314" E	23° 20' 51.642" N
P-273	81° 20' 53.094" E	23° 20' 51.432" N
P-274	81° 20' 53.135" E	23° 20' 49.367" N
P-275	81° 20' 51.038" E	23° 20' 43.315" N
P-276	81° 20' 49.974" E	23° 20' 40.134" N
P-277	81° 20' 48.909" E	23° 20' 36.953" N
P-278	81° 20' 48.018" E	23° 20' 32.429" N
P-279	81° 20' 45.172" E	23° 20' 28.143" N
P-280	81° 20' 43.031" E	23° 20' 22.787" N
P-281	81° 20' 43.151" E	23° 20' 22.520" N
P-282	81° 20' 40.996" E	23° 20' 17.356" N

Provisional Cardinal Points for Merkhi West Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-283	81° 20' 40.950" E	23° 20' 17.225" N
P-284	81° 20' 39.864" E	23° 20' 14.138" N
P-285	81° 20' 36.192" E	23° 20' 14.200" N
P-286	81° 20' 32.521" E	23° 20' 14.262" N
P-287	81° 20' 28.849" E	23° 20' 14.324" N
P-288	81° 20' 25.177" E	23° 20' 14.386" N
P-289	81° 20' 21.505" E	23° 20' 14.448" N
P-290	81° 20' 17.834" E	23° 20' 14.509" N
P-291	81° 20' 14.162" E	23° 20' 14.571" N
P-292	81° 20' 10.490" E	23° 20' 14.633" N
P-293	81° 20' 6.818" E	23° 20' 14.695" N
P-294	81° 20' 3.147" E	23° 20' 14.757" N
P-295	81° 19' 59.475" E	23° 20' 14.819" N
P-296	81° 19' 55.803" E	23° 20' 14.880" N
P-297	81° 19' 51.875" E	23° 20' 14.946" N
P-298	81° 19' 47.948" E	23° 20' 15.013" N
P-299	81° 19' 44.020" E	23° 20' 15.078" N
P-300	81° 19' 40.092" E	23° 20' 15.144" N
P-301	81° 19' 36.165" E	23° 20' 15.210" N
P-302	81° 19' 32.554" E	23° 20' 15.250" N
P-303	81° 19' 28.944" E	23° 20' 15.289" N
P-304	81° 19' 25.334" E	23° 20' 15.328" N
P-305	81° 19' 21.724" E	23° 20' 15.368" N
P-306	81° 19' 18.113" E	23° 20' 15.407" N
P-307	81° 19' 14.503" E	23° 20' 15.446" N
P-308	81° 19' 10.893" E	23° 20' 15.485" N
P-309	81° 19' 7.283" E	23° 20' 15.524" N
P-310	81° 19' 3.672" E	23° 20' 15.563" N
P-311	81° 19' 0.062" E	23° 20' 15.603" N
P-312	81° 18' 56.452" E	23° 20' 15.642" N
P-313	81° 18' 52.842" E	23° 20' 15.681" N
P-314	81° 18' 49.231" E	23° 20' 15.720" N
P-315	81° 18' 45.621" E	23° 20' 15.759" N
P-316	81° 18' 42.011" E	23° 20' 15.798" N
P-317	81° 18' 38.400" E	23° 20' 15.837" N
P-318	81° 18' 34.790" E	23° 20' 15.876" N
P-319	81° 18' 31.180" E	23° 20' 15.915" N
P-320	81° 18' 27.570" E	23° 20' 15.954" N
P-321	81° 18' 23.959" E	23° 20' 15.992" N
P-322	81° 18' 20.349" E	23° 20' 16.031" N
P-323	81° 18' 16.739" E	23° 20' 16.070" N
P-324	81° 18' 13.129" E	23° 20' 16.109" N
P-325	81° 18' 9.518" E	23° 20' 16.148" N
P-326	81° 18' 5.908" E	23° 20' 16.187" N
P-327	81° 18' 2.298" E	23° 20' 16.225" N
P-328	81° 17' 58.688" E	23° 20' 16.264" N
P-329	81° 17' 55.077" E	23° 20' 16.303" N

Provisional Cardinal Points for Merkhi West Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-330	81° 17' 51.467" E	23° 20' 16.341" N
P-331	81° 17' 47.857" E	23° 20' 16.380" N
P-332	81° 17' 44.247" E	23° 20' 16.419" N
P-333	81° 17' 40.636" E	23° 20' 16.457" N
P-334	81° 17' 37.026" E	23° 20' 16.496" N
P-335	81° 17' 33.416" E	23° 20' 16.534" N
P-336	81° 17' 29.805" E	23° 20' 16.573" N
P-337	81° 17' 26.195" E	23° 20' 16.612" N
P-338	81° 17' 22.585" E	23° 20' 16.650" N
P-339	81° 17' 18.975" E	23° 20' 16.689" N
P-340	81° 17' 18.969" E	23° 20' 20.402" N
P-341	81° 17' 18.963" E	23° 20' 24.115" N
P-342	81° 17' 18.956" E	23° 20' 27.828" N
P-343	81° 17' 18.950" E	23° 20' 31.542" N
P-344	81° 17' 18.944" E	23° 20' 35.255" N
P-345	81° 17' 18.938" E	23° 20' 38.968" N
P-346	81° 17' 21.350" E	23° 20' 38.966" N
P-347	81° 17' 21.337" E	23° 20' 42.327" N
P-348	81° 17' 21.324" E	23° 20' 45.688" N
P-349	81° 17' 21.311" E	23° 20' 49.048" N
P-350	81° 17' 21.298" E	23° 20' 52.409" N
P-351	81° 17' 21.285" E	23° 20' 55.770" N
P-352	81° 17' 21.272" E	23° 20' 59.131" N
P-353	81° 17' 21.259" E	23° 21' 2.491" N
P-354	81° 17' 21.246" E	23° 21' 5.852" N
P-355	81° 17' 21.233" E	23° 21' 9.213" N
P-356	81° 17' 21.219" E	23° 21' 12.574" N
P-357	81° 17' 21.206" E	23° 21' 15.934" N
P-358	81° 17' 21.193" E	23° 21' 19.295" N
P-359	81° 17' 21.180" E	23° 21' 22.656" N
P-360	81° 17' 21.167" E	23° 21' 26.017" N
P-361	81° 17' 21.154" E	23° 21' 29.377" N
P-362	81° 17' 21.141" E	23° 21' 32.738" N
P-363	81° 17' 21.128" E	23° 21' 36.099" N
P-364	81° 17' 21.115" E	23° 21' 39.460" N
P-365	81° 17' 21.102" E	23° 21' 42.814" N
P-366	81° 17' 21.089" E	23° 21' 46.168" N
P-367	81° 17' 21.076" E	23° 21' 49.523" N
P-368	81° 17' 21.063" E	23° 21' 52.877" N
P-369	81° 17' 21.050" E	23° 21' 56.231" N
P-370	81° 17' 21.037" E	23° 21' 59.586" N
P-371	81° 17' 21.024" E	23° 22' 2.940" N
P-372	81° 17' 21.011" E	23° 22' 6.295" N
P-373	81° 17' 20.997" E	23° 22' 9.649" N
P-374	81° 17' 20.984" E	23° 22' 13.003" N
P-375	81° 17' 20.971" E	23° 22' 16.358" N
P-376	81° 17' 20.958" E	23° 22' 19.712" N

Provisional Cardinal Points for Merkhi West Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-377	81° 17' 20.945" E	23° 22' 23.066" N
P-378	81° 17' 20.932" E	23° 22' 26.421" N
P-379	81° 17' 20.919" E	23° 22' 29.775" N
P-380	81° 17' 20.906" E	23° 22' 33.129" N
P-381	81° 17' 20.899" E	23° 22' 34.882" N
P-382	81° 17' 52.967" E	23° 22' 36.434" N
P-383	81° 20' 13.800" E	23° 22' 43.248" N
P-384	81° 20' 11.951" E	23° 22' 41.554" N
P-385	81° 20' 9.646" E	23° 22' 38.772" N
P-386	81° 20' 7.341" E	23° 22' 35.990" N
P-387	81° 20' 5.035" E	23° 22' 33.208" N
P-388	81° 20' 2.730" E	23° 22' 30.426" N
P-389	81° 20' 0.423" E	23° 22' 27.267" N
P-390	81° 19' 58.115" E	23° 22' 24.108" N
P-391	81° 19' 55.808" E	23° 22' 20.949" N
P-392	81° 19' 56.144" E	23° 22' 17.691" N
P-393	81° 19' 56.480" E	23° 22' 14.434" N
P-394	81° 19' 56.816" E	23° 22' 11.176" N
P-395	81° 20' 0.183" E	23° 22' 8.865" N
P-396	81° 20' 3.550" E	23° 22' 6.555" N
P-397	81° 20' 6.917" E	23° 22' 4.245" N
P-398	81° 20' 10.284" E	23° 22' 1.934" N