RAUTA CLOSED MINE COAL BLOCK SUMMARY

PART A

Sr. No	Features	Details
1.	**Location**	
	Coal Block	Rauta Closed Mine
	Latitude	23° 38' 32" - 23° 39' 13" N (Provisional)
	Longitude	85° 30' 54" - 85° 33' 1" E (Provisional)
	Topo Sheet No.	F45B10
	Coalfield	Ramgarh
	Villages	Rauta
	Tehsil/Taluka	Mandu
	District	Ramgarh
	State	Jharkhand
2.	**Connectivity with Block**	
	Nearest Rail Head	Ranchi Road at approximately 3 km.
	Road	NH-33 passes through the neighboring Burakhap Small Patch block in the east.
	Airport	Ranchi located at about 65 km.
3.	**Area**	
	Geological Block Area	1.75 sq.km. (As per shape file. Refer note at the end)
	Forest Area	Approx. 19 % (As per FSI Plan 2015)
	Non-Forest Area	Approx. 81 %
4.	**Climate and Topography**	
	Average Annual Rainfall	Generally about 1200mm (as per GR on Ramgarh Block II West block)
	Temperature (Min. — Max.)	22°C-45°C (as per GR on Ramgarh Block II West block)
	Local Surface Drainage Channels	The main drainage is controlled by Damodar River flowing from west to east in the southern boundary of the block.
	Rivers	Damodar River

5.	**Exploration**				
	Status	Information Not Available			
	Exploration Agency	Information Not Available			
	Total Number of Boreholes with meterage	Information Not Available			
	Borehole Density	Information Not Available			
	General Dip of Seams	1 in 2.18, S 60° 45'E (As per information available in file of Abandoned Mine Plan No.-3493 submitted by mine to DGMS)			
	General Strike Direction	Information Not Available			
6.	**Coal Seams & Reserve**				
	Coal Seams	Thickness Range (m)	Depth Range (m)	Geological Reserve (MT) (Estimated)	Grade
	Rauta Upper & Lower Seam	6.1 – 6.7	NA	7.00	G7
		Total		**7.00**	
7.	**Surface Constraints**	Damodar river at the southern boundary of the block.			
8.	**Grade of the block**	G7 (Provisional) estimated based on explored Burakhap Small Patch situated in the east of the Rauta Closed Mine.			
9.	**Decision Support System (DSS) Analysis**	Hydrology Info: Polygon touches Bauta Nala & Damodar or Deonad River			
10.	**Eco Sensitive Zone (ESZ) Analysis**	Approx. 45 km to the Hazaribagh ESZ from the Northern block boundary.			

PART B

Sr. No.	Features	Details
1.	**Previous Allocation**	
	Name of Allocatee	Jharkhand State Mineral Development Corporation
2.	**Target capacity as per Mining Plan**	**Mining Plan not available**
	Tentative Peak Rated Capacity	**0.4 Mtpa**
3.	**Status of Clearances/ Approvals**	**--**

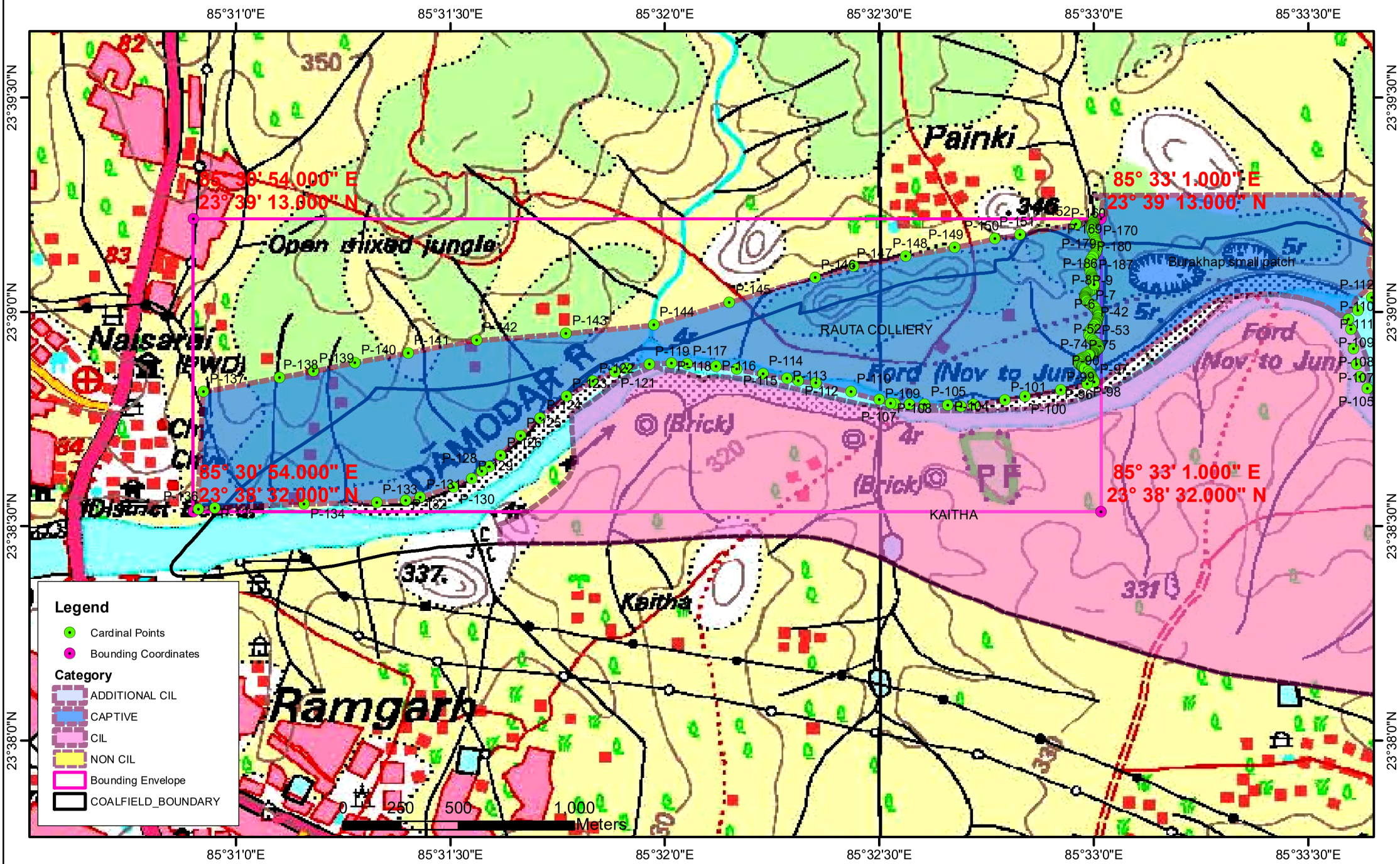
Note:

1. The provisional block boundary of the Rauta Closed Mine is leasehold area of Rauta Colliery taken from the Surface Plan of Rauta Colliery, Central Coalfields Limited.
2. Grade of coal is estimated based on explored Burakhap Small Patch situated in the east of Rauta Closed Mine.

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.

Rauta Closed Mine, Ramgarh Coalfield



NOTE: Coordinates are provisional in WGS84 System

Provisional Cardinal Points for Rauta Closed Mine Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-1	85° 32' 59.976" E	23° 39' 3.767" N
P-2	85° 32' 59.982" E	23° 39' 3.652" N
P-3	85° 33' 0.001" E	23° 39' 3.303" N
P-4	85° 32' 59.949" E	23° 39' 3.209" N
P-5	85° 32' 59.859" E	23° 39' 3.119" N
P-6	85° 32' 59.605" E	23° 39' 2.966" N
P-7	85° 32' 59.377" E	23° 39' 2.836" N
P-8	85° 32' 59.018" E	23° 39' 2.637" N
P-9	85° 32' 58.960" E	23° 39' 2.605" N
P-10	85° 32' 58.806" E	23° 39' 2.450" N
P-11	85° 32' 58.720" E	23° 39' 2.211" N
P-12	85° 32' 58.712" E	23° 39' 2.099" N
P-13	85° 32' 58.709" E	23° 39' 2.061" N
P-14	85° 32' 58.707" E	23° 39' 2.031" N
P-15	85° 32' 58.713" E	23° 39' 1.994" N
P-16	85° 32' 58.729" E	23° 39' 1.885" N
P-17	85° 32' 58.810" E	23° 39' 1.761" N
P-18	85° 32' 58.900" E	23° 39' 1.648" N
P-19	85° 32' 58.994" E	23° 39' 1.530" N
P-20	85° 32' 59.259" E	23° 39' 1.297" N
P-21	85° 32' 59.413" E	23° 39' 1.171" N
P-22	85° 32' 59.626" E	23° 39' 1.001" N
P-23	85° 32' 59.851" E	23° 39' 0.836" N
P-24	85° 33' 0.005" E	23° 39' 0.707" N
P-25	85° 33' 0.035" E	23° 39' 0.682" N
P-26	85° 33' 0.210" E	23° 39' 0.455" N
P-27	85° 33' 0.454" E	23° 39' 0.019" N
P-28	85° 33' 0.471" E	23° 38' 59.988" N
P-29	85° 33' 0.540" E	23° 38' 59.863" N
P-30	85° 33' 0.613" E	23° 38' 59.671" N
P-31	85° 33' 0.616" E	23° 38' 59.496" N
P-32	85° 33' 0.617" E	23° 38' 59.431" N
P-33	85° 33' 0.588" E	23° 38' 59.132" N
P-34	85° 33' 0.579" E	23° 38' 59.037" N
P-35	85° 33' 0.532" E	23° 38' 58.847" N
P-36	85° 33' 0.472" E	23° 38' 58.651" N
P-37	85° 33' 0.407" E	23° 38' 58.501" N
P-38	85° 33' 0.359" E	23° 38' 58.428" N
P-39	85° 33' 0.318" E	23° 38' 58.364" N
P-40	85° 33' 0.268" E	23° 38' 58.308" N
P-41	85° 33' 0.163" E	23° 38' 58.190" N
P-42	85° 33' 0.117" E	23° 38' 58.138" N
P-43	85° 32' 59.880" E	23° 38' 57.855" N
P-44	85° 32' 59.700" E	23° 38' 57.632" N
P-45	85° 32' 59.506" E	23° 38' 57.387" N
P-46	85° 32' 59.448" E	23° 38' 57.315" N
P-47	85° 32' 59.311" E	23° 38' 57.071" N

Provisional Cardinal Points for Rauta Closed Mine Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-48	85° 32' 59.315" E	23° 38' 56.703" N
P-49	85° 32' 59.572" E	23° 38' 56.304" N
P-50	85° 32' 59.841" E	23° 38' 56.015" N
P-51	85° 32' 59.863" E	23° 38' 55.990" N
P-52	85° 33' 0.051" E	23° 38' 55.819" N
P-53	85° 33' 0.290" E	23° 38' 55.612" N
P-54	85° 33' 0.472" E	23° 38' 55.461" N
P-55	85° 33' 0.677" E	23° 38' 55.165" N
P-56	85° 33' 0.673" E	23° 38' 55.105" N
P-57	85° 33' 0.638" E	23° 38' 54.972" N
P-58	85° 33' 0.622" E	23° 38' 54.912" N
P-59	85° 33' 0.595" E	23° 38' 54.864" N
P-60	85° 33' 0.530" E	23° 38' 54.748" N
P-61	85° 33' 0.493" E	23° 38' 54.681" N
P-62	85° 33' 0.355" E	23° 38' 54.552" N
P-63	85° 33' 0.245" E	23° 38' 54.450" N
P-64	85° 33' 0.031" E	23° 38' 54.287" N
P-65	85° 32' 59.946" E	23° 38' 54.229" N
P-66	85° 32' 59.864" E	23° 38' 54.187" N
P-67	85° 32' 59.757" E	23° 38' 54.132" N
P-68	85° 32' 59.665" E	23° 38' 54.085" N
P-69	85° 32' 59.570" E	23° 38' 54.037" N
P-70	85° 32' 59.491" E	23° 38' 53.996" N
P-71	85° 32' 59.446" E	23° 38' 53.976" N
P-72	85° 32' 59.420" E	23° 38' 53.964" N
P-73	85° 32' 59.313" E	23° 38' 53.917" N
P-74	85° 32' 58.681" E	23° 38' 53.632" N
P-75	85° 32' 58.437" E	23° 38' 53.520" N
P-76	85° 32' 58.245" E	23° 38' 53.422" N
P-77	85° 32' 58.142" E	23° 38' 53.323" N
P-78	85° 32' 58.030" E	23° 38' 53.216" N
P-79	85° 32' 57.932" E	23° 38' 53.027" N
P-80	85° 32' 57.923" E	23° 38' 53.011" N
P-81	85° 32' 57.940" E	23° 38' 52.775" N
P-82	85° 32' 57.994" E	23° 38' 52.707" N
P-83	85° 32' 58.069" E	23° 38' 52.612" N
P-84	85° 32' 58.245" E	23° 38' 52.432" N
P-85	85° 32' 58.356" E	23° 38' 52.360" N
P-86	85° 32' 58.454" E	23° 38' 52.295" N
P-87	85° 32' 58.577" E	23° 38' 52.194" N
P-88	85° 32' 58.720" E	23° 38' 52.077" N
P-89	85° 32' 59.234" E	23° 38' 51.619" N
P-90	85° 32' 59.438" E	23° 38' 51.338" N
P-91	85° 32' 59.596" E	23° 38' 51.110" N
P-92	85° 32' 59.706" E	23° 38' 50.921" N
P-93	85° 32' 59.778" E	23° 38' 50.796" N
P-94	85° 32' 59.873" E	23° 38' 50.576" N

Provisional Cardinal Points for Rauta Closed Mine Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-95	85° 32' 59.942" E	23° 38' 50.417" N
P-96	85° 32' 59.983" E	23° 38' 50.321" N
P-97	85° 33' 0.033" E	23° 38' 50.184" N
P-98	85° 32' 59.033" E	23° 38' 49.889" N
P-99	85° 32' 55.394" E	23° 38' 49.074" N
P-100	85° 32' 50.364" E	23° 38' 48.155" N
P-101	85° 32' 47.548" E	23° 38' 47.662" N
P-102	85° 32' 43.135" E	23° 38' 46.997" N
P-103	85° 32' 41.387" E	23° 38' 46.737" N
P-104	85° 32' 39.557" E	23° 38' 46.901" N
P-105	85° 32' 36.357" E	23° 38' 47.031" N
P-106	85° 32' 34.199" E	23° 38' 47.031" N
P-107	85° 32' 32.184" E	23° 38' 47.121" N
P-108	85° 32' 31.622" E	23° 38' 47.175" N
P-109	85° 32' 29.963" E	23° 38' 47.696" N
P-110	85° 32' 26.003" E	23° 38' 48.841" N
P-111	85° 32' 21.157" E	23° 38' 50.050" N
P-112	85° 32' 18.673" E	23° 38' 50.350" N
P-113	85° 32' 17.066" E	23° 38' 50.650" N
P-114	85° 32' 13.747" E	23° 38' 51.292" N
P-115	85° 32' 10.042" E	23° 38' 51.977" N
P-116	85° 32' 7.108" E	23° 38' 52.384" N
P-117	85° 32' 3.104" E	23° 38' 52.727" N
P-118	85° 32' 0.898" E	23° 38' 52.791" N
P-119	85° 31' 57.814" E	23° 38' 52.641" N
P-120	85° 31' 54.602" E	23° 38' 52.085" N
P-121	85° 31' 52.974" E	23° 38' 51.549" N
P-122	85° 31' 49.912" E	23° 38' 50.307" N
P-123	85° 31' 46.164" E	23° 38' 48.166" N
P-124	85° 31' 42.545" E	23° 38' 45.103" N
P-125	85° 31' 39.783" E	23° 38' 42.662" N
P-126	85° 31' 36.999" E	23° 38' 39.878" N
P-127	85° 31' 35.393" E	23° 38' 38.315" N
P-128	85° 31' 34.407" E	23° 38' 37.672" N
P-129	85° 31' 32.930" E	23° 38' 36.601" N
P-130	85° 31' 30.403" E	23° 38' 35.424" N
P-131	85° 31' 25.777" E	23° 38' 34.032" N
P-132	85° 31' 23.743" E	23° 38' 33.603" N
P-133	85° 31' 19.652" E	23° 38' 33.303" N
P-134	85° 31' 9.502" E	23° 38' 33.089" N
P-135	85° 30' 56.995" E	23° 38' 32.511" N
P-136	85° 30' 54.707" E	23° 38' 32.355" N
P-137	85° 30' 55.435" E	23° 38' 48.802" N
P-138	85° 31' 6.057" E	23° 38' 50.815" N
P-139	85° 31' 10.769" E	23° 38' 51.715" N
P-140	85° 31' 16.636" E	23° 38' 52.871" N
P-141	85° 31' 24.089" E	23° 38' 54.242" N

Provisional Cardinal Points for Rauta Closed Mine Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-142	85° 31' 33.640" E	23° 38' 55.998" N
P-143	85° 31' 46.146" E	23° 38' 56.983" N
P-144	85° 31' 58.439" E	23° 38' 58.139" N
P-145	85° 32' 9.018" E	23° 39' 1.309" N
P-146	85° 32' 20.967" E	23° 39' 4.778" N
P-147	85° 32' 26.364" E	23° 39' 6.363" N
P-148	85° 32' 33.688" E	23° 39' 7.776" N
P-149	85° 32' 40.541" E	23° 39' 8.975" N
P-150	85° 32' 46.109" E	23° 39' 10.217" N
P-151	85° 32' 49.707" E	23° 39' 10.817" N
P-152	85° 32' 57.512" E	23° 39' 12.250" N
P-153	85° 32' 59.972" E	23° 39' 12.695" N
P-154	85° 33' 0.083" E	23° 39' 12.462" N
P-155	85° 33' 0.009" E	23° 39' 12.398" N
P-156	85° 32' 59.962" E	23° 39' 12.357" N
P-157	85° 32' 59.877" E	23° 39' 12.240" N
P-158	85° 32' 59.815" E	23° 39' 12.155" N
P-159	85° 32' 59.769" E	23° 39' 12.092" N
P-160	85° 32' 59.739" E	23° 39' 12.007" N
P-161	85° 32' 59.697" E	23° 39' 11.886" N
P-162	85° 32' 59.697" E	23° 39' 11.785" N
P-163	85° 32' 59.697" E	23° 39' 11.677" N
P-164	85° 32' 59.710" E	23° 39' 11.549" N
P-165	85° 32' 59.843" E	23° 39' 11.131" N
P-166	85° 32' 59.926" E	23° 39' 10.914" N
P-167	85° 33' 0.109" E	23° 39' 10.429" N
P-168	85° 33' 0.247" E	23° 39' 10.060" N
P-169	85° 33' 0.339" E	23° 39' 9.813" N
P-170	85° 33' 0.399" E	23° 39' 9.546" N
P-171	85° 33' 0.467" E	23° 39' 9.239" N
P-172	85° 33' 0.461" E	23° 39' 9.112" N
P-173	85° 33' 0.450" E	23° 39' 8.922" N
P-174	85° 33' 0.406" E	23° 39' 8.729" N
P-175	85° 33' 0.382" E	23° 39' 8.627" N
P-176	85° 33' 0.270" E	23° 39' 8.352" N
P-177	85° 33' 0.107" E	23° 39' 8.084" N
P-178	85° 32' 59.970" E	23° 39' 7.872" N
P-179	85° 32' 59.846" E	23° 39' 7.687" N
P-180	85° 32' 59.607" E	23° 39' 7.307" N
P-181	85° 32' 59.448" E	23° 39' 6.909" N
P-182	85° 32' 59.397" E	23° 39' 6.438" N
P-183	85° 32' 59.440" E	23° 39' 6.031" N
P-184	85° 32' 59.545" E	23° 39' 5.548" N
P-185	85° 32' 59.641" E	23° 39' 5.193" N
P-186	85° 32' 59.701" E	23° 39' 4.977" N
P-187	85° 32' 59.779" E	23° 39' 4.791" N
P-188	85° 32' 59.815" E	23° 39' 4.691" N

Provisional Cardinal Points for Rauta Closed Mine Block

POINT NO	Longitude (WGS84)	Latitude (WGS84)
P-189	85° 32' 59.851" E	23° 39' 4.618" N
P-190	85° 32' 59.866" E	23° 39' 4.549" N
P-191	85° 32' 59.901" E	23° 39' 4.395" N
P-192	85° 32' 59.941" E	23° 39' 4.215" N