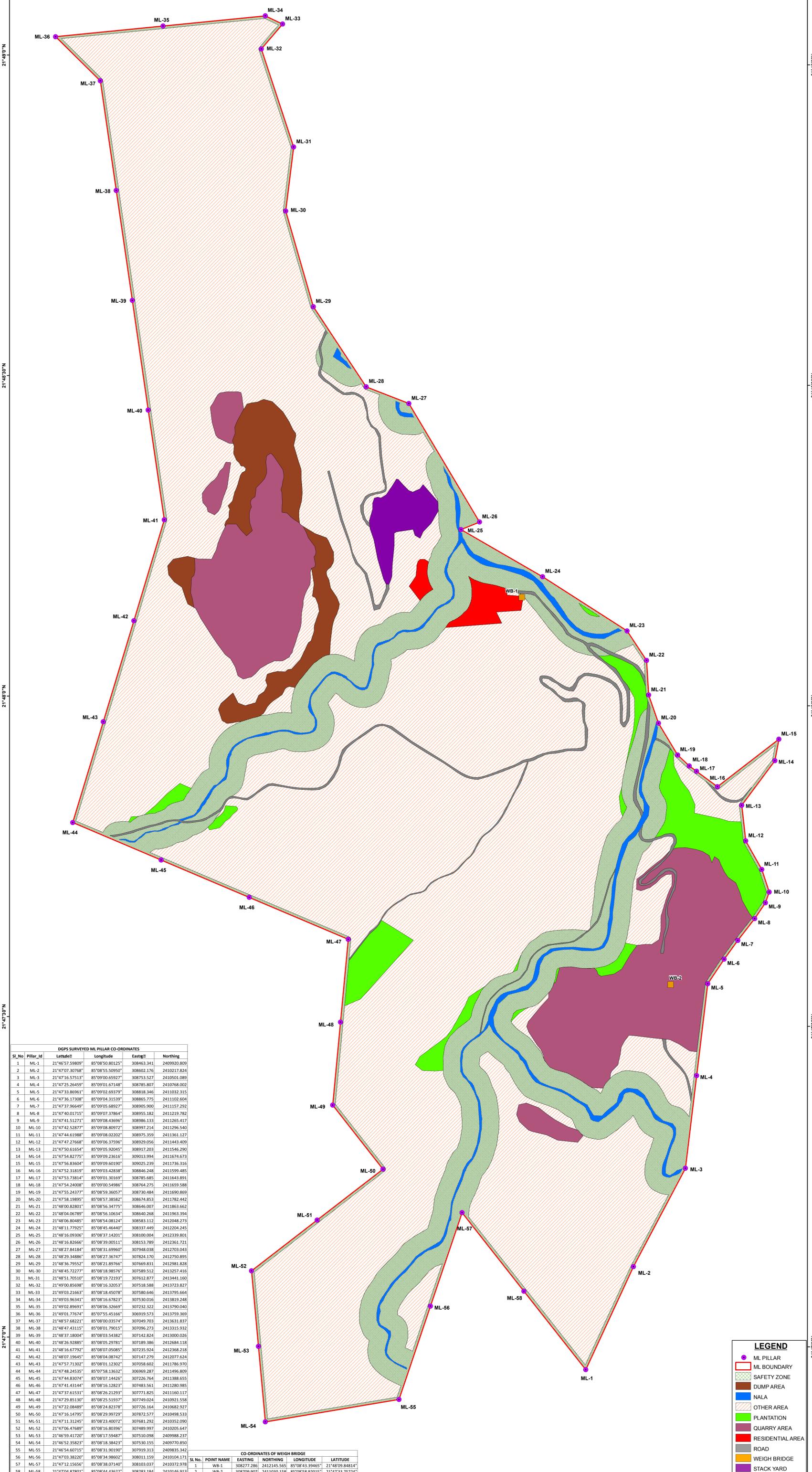


MAP SHOWING LANDUSE/LAND COVER AREA WITHIN THE MAHULSUKHA IRON & MANGANESE ORE BLOCK OF M/s PATNAIK MINERALS PVT. LTD. IN SUNDARGARH DISTRICT.

SCALE:1:3960

Meters
0 50 100 200 300 400 500



DGPS SURVEYED ML PILLAR CO-ORDINATES					
Sl. No	Pillar Id	Latitude	Longitude	Easting	Northing
1	ML-1	21°46'57.59809"	85°08'50.80125"	308463.341	2409920.809
2	ML-2	21°47'07.30768"	85°08'55.50950"	308602.176	2410217.824
3	ML-3	21°47'16.57513"	85°09'00.65927"	308753.527	2410501.089
4	ML-4	21°47'25.26459"	85°09'01.67148"	308785.807	2410768.002
5	ML-5	21°47'33.86961"	85°09'02.69379"	308818.346	2411032.315
6	ML-6	21°47'36.17308"	85°09'04.31539"	308855.775	2411102.604
7	ML-7	21°47'37.96649"	85°09'05.68927"	308895.900	2411157.292
8	ML-8	21°47'40.01715"	85°09'07.37864"	308935.182	2411219.782
9	ML-9	21°47'41.51271"	85°09'08.43696"	308986.133	2411265.417
10	ML-10	21°47'42.52877"	85°09'08.80972"	308997.214	2411296.540
11	ML-11	21°47'44.61988"	85°09'08.02202"	308975.359	2411361.127
12	ML-12	21°47'47.27668"	85°09'06.37596"	308929.056	2411443.408
13	ML-13	21°47'50.61654"	85°09'05.92045"	308917.203	2411546.290
14	ML-14	21°47'54.82775"	85°09'05.23616"	309013.994	2411674.673
15	ML-15	21°47'56.83604"	85°09'05.60190"	309025.239	2411736.316
16	ML-16	21°47'52.31819"	85°09'03.42838"	308846.248	2411599.485
17	ML-17	21°47'53.73814"	85°09'01.30169"	308785.685	2411643.891
18	ML-18	21°47'54.24008"	85°09'00.54986"	308764.275	2411659.588
19	ML-19	21°47'55.24377"	85°08'59.36057"	308730.484	2411690.869
20	ML-20	21°47'58.19895"	85°08'57.38582"	308674.853	2411782.442
21	ML-21	21°48'00.82801"	85°08'56.34775"	308646.007	2411863.662
22	ML-22	21°48'04.06789"	85°08'56.10634"	308640.268	2411963.394
23	ML-23	21°48'06.80485"	85°08'54.08124"	308583.112	2412048.273
24	ML-24	21°48'11.77925"	85°08'45.46440"	308337.449	2412204.245
25	ML-25	21°48'16.09306"	85°08'37.14201"	308100.004	2412339.801
26	ML-26	21°48'16.82666"	85°08'39.00511"	308153.789	2412361.721
27	ML-27	21°48'27.84184"	85°08'31.69960"	307948.038	2412703.043
28	ML-28	21°48'29.34886"	85°08'27.36747"	307824.170	2412750.895
29	ML-29	21°48'36.79552"	85°08'21.89766"	307669.831	2412981.828
30	ML-30	21°48'45.72277"	85°08'18.98576"	307585.512	2413257.416
31	ML-31	21°48'51.70510"	85°08'19.72193"	307612.877	2413441.160
32	ML-32	21°49'00.85698"	85°08'16.32053"	307518.588	2413723.827
33	ML-33	21°49'03.21663"	85°08'18.45078"	307580.646	2413795.664
34	ML-34	21°49'03.96341"	85°08'16.67823"	307530.016	2413819.248
35	ML-35	21°49'02.89691"	85°08'06.32669"	307232.322	2413790.040
36	ML-36	21°49'01.77674"	85°07'55.45166"	306919.573	2413759.369
37	ML-37	21°48'57.68221"	85°08'00.03574"	307049.703	2413631.837
38	ML-38	21°48'47.43115"	85°08'01.79015"	307096.273	2413315.932
39	ML-39	21°48'37.18004"	85°08'03.54389"	307142.824	2413000.026
40	ML-40	21°48'26.92885"	85°08'05.29781"	307189.386	2412684.118
41	ML-41	21°48'16.67792"	85°08'07.05085"	307235.924	2412368.218
42	ML-42	21°48'07.19645"	85°08'04.08742"	307147.279	2412077.624
43	ML-43	21°47'57.71302"	85°08'01.12302"	307058.602	2411786.970
44	ML-44	21°47'48.24535"	85°07'58.13623"	306969.287	2411496.809
45	ML-45	21°47'44.83074"	85°07'44.44267"	307226.764	2411388.655
46	ML-46	21°47'41.43144"	85°08'16.12823"	307483.561	2411280.985
47	ML-47	21°47'37.61531"	85°08'26.21293"	30771.825	2411160.117
48	ML-48	21°47'29.85130"	85°08'25.51937"	307749.024	2410921.558
49	ML-49	21°47'22.08489"	85°08'24.82378"	307726.164	2410682.927
50	ML-50	21°47'16.14795"	85°08'29.99729"	307872.577	2410498.533
51	ML-51	21°47'11.31245"	85°08'23.40072"	307681.292	2410352.090
52	ML-52	21°47'06.47689"	85°08'16.80396"	307489.997	2410205.647
53	ML-53	21°46'59.41720"	85°08'17.59487"	307510.098	2409988.237
54	ML-54	21°46'52.35823"	85°08'18.38423"	307530.155	2409770.850
55	ML-55	21°46'54.60715"	85°08'31.90190"	307919.313	2409835.342
56	ML-56	21°47'03.38220"	85°08'34.98602"	308011.159	2410104.171
57	ML-57	21°47'12.15656"	85°08'38.07140"	308103.037	2410372.978
58	ML-58	21°47'04.87801"	85°08'44.43622"	308283.184	2410146.913

CO-ORDINATES OF WEIGH BRIDGE					
Sl. No.	POINT NAME	EASTING	NORTHING	LONGITUDE	LATITUDE
1	WB-1	308277.286	2412145.565	85°08'43.39465"	21°48'09.84814"
2	WB-2	308709.907	2411030.158	85°08'58.92015"	21°47'33.75724"

LEGEND

- ML PILLAR
- ML BOUNDARY
- SAFETY ZONE
- DUMP AREA
- NALA
- OTHER AREA
- PLANTATION
- QUARRY AREA
- RESIDENTIAL AREA
- ROAD
- WEIGH BRIDGE
- STACK YARD

SL.No.	CATEGORY	FOREST AREA IN Ha.		NON-FOREST AREA IN Ha.			GRAND TOTAL AREA IN Ha.
		PRF	GOVT.	PVT	TOTAL		
1	DUMP		8.736		0.258		8.994
2	NALA		4.163	0.601		0.601	4.764
3	PLANTATIONS		9.831			0.000	9.831
4	QUARRY AREA		35.281			0.000	35.281
5	RESIDENTIAL AREA		1.577	0.414		0.414	1.992
6	ROAD		4.079	0.037		0.037	4.116
7	SAFETY ZONE		59.053	3.131	0.124	3.255	62.307
8	STACK YARD		1.049	1.808		1.808	2.857
9	OTHER AREA		258.668	0.808	0.699	1.507	260.175
TOTAL AREA			382.437	6.799	1.081	7.880	390.317

MAP PREPARED BY

For M/s Patnaik Minerals (P) Ltd.

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GENERAL MANAGER (P & C)
M/S. PATNAIK MINERALS PVT. LTD.

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