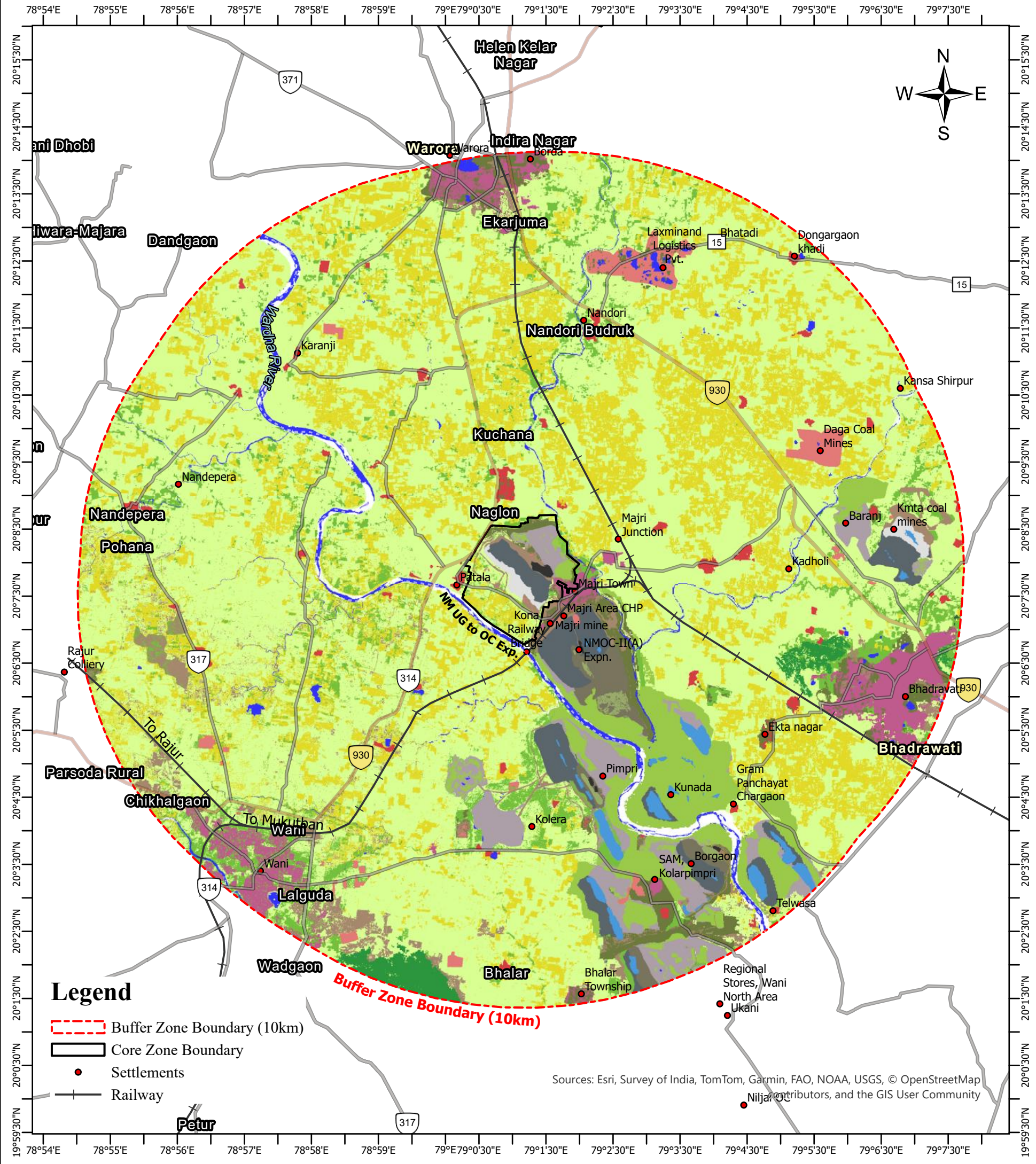




AREA STATISTIC OF CORE & BUFFER ZONE OF NMUGtoOC MINE- 2025						
Classes		Colour	Core Zone Area		Net Buffer Area	
Level-I	Level-II		Area (Sq Km)	% of Total	Area (Sq Km)	% of Total
Settlements	Urban Settlements		0.14	2.01	10.87	2.61
	Rural Settlements		0.00	0.00	3.31	0.79
	Industrial Settlements		0.02	0.33	3.94	0.94
	Total Settlement Area		0.16	2.33	18.12	4.35
Forest	Dense Forest		0.00	0.00	0.02	0.00
	Open Forest		0.00	0.00	3.49	0.84
	Total Forest		0.00	0.00	3.51	0.84
	Scrubs		0.42	6.25	24.09	5.78
Plantation Area	Social Forestry		0.48	7.08	7.58	1.82
	Plantation on OB Dump		0.37	5.45	16.78	4.02
	Plantation on Backfill		0.00	0.00	0.58	0.14
	Total Plantation Area		0.85	12.53	24.94	5.98
	Total Vegetation		1.27	18.78	52.54	12.60
Agriculture	Crop lands		0.85	12.49	86.77	20.81
	Fallow Land		1.49	21.87	219.95	52.76
	Total Agriculture Area		2.34	34.36	306.72	73.57
Waste Land	Wastelands		0.68	10.08	9.99	2.40
	Barren Rocky Land		0.00	0.00	0.00	0.00
	Fly Ash		0.00	0.00	0.00	0.00
	Sand Body		0.00	0.01	2.85	0.68
	Total Waste Land		0.68	10.08	12.84	3.08
Mining Area	Coal Quarry		0.95	13.92	6.65	1.60
	Advance Quarry Site		0.50	7.32	0.50	0.12
	Barren OB Dump		0.76	11.15	8.91	2.14
	Coal Dump		0.14	2.06	0.08	0.02
	Barren Backfill		0.00	0.00	2.75	0.66
	Waterfilled Quarry		0.00	0.00	2.46	0.59
	Total Mining Area		2.35	34.44	21.35	5.12
Water Body	Water Body		0.00	0.00	5.35	1.28
	Total Water Body		0.00	0.00	5.35	1.28
	Total Area		6.80	100.00	416.92	100.00

Customer						Western Coalfields Limited (WCL)					
Title		Land Use Land Cover Map of Core & Buffer Zone of NM UG to OC (Exp.)					Job No.		4090425166		
Subject		Activity	Name	Designation	Signature	Date					
Land use Land Cover Map of Core & Buffer Zone of New Majri UG to OC Mine based on satellite Data IRS-R2A-L4 of the Year 2025. .		Prepared	Swabhiman Dehariya	Asst. Manager (Mining/ Geomatics)							
		Checked	Rohit Singh	Sr. Manager (Geology/Geomatics)							
		Approved	Mohit Rastogi	General Manager (Geomatics)							
Scale:		0 0.75 1.5 3 4.5 6 Kilometers						Sheet I of 1			
Drg No.		HQREM4A30925						REV No. 0			

Software Use: ArcGIS Pro 3.6

Sources: Esri, Survey of India, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community