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CHHATTISGARH STATE INDUSTRIAL  
DEVELOPMENT CORPORATION

# Drishti — Automated Land Monitoring Report

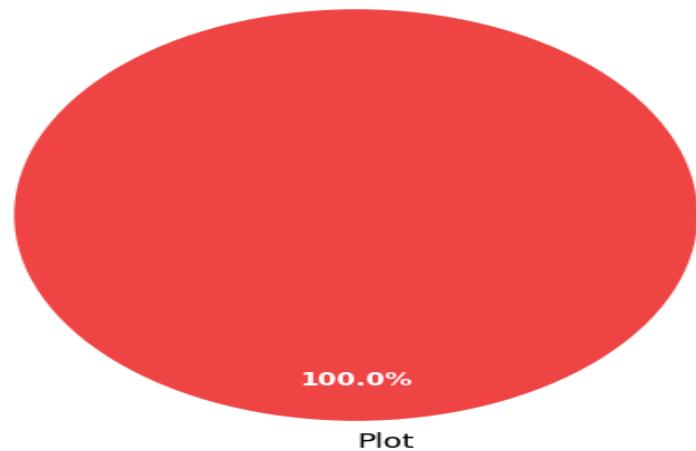
Project Name	Detection - RIKHI
Industrial Area	RIKHI
Report Date	14 February 2026, 05:20 UTC
Total Features Detected	8
Plot Features	8
Total Area Covered	37,855 sq.m (407,470 sq.ft)

## Category Breakdown

Summary of detected features grouped by category, showing count and total area.

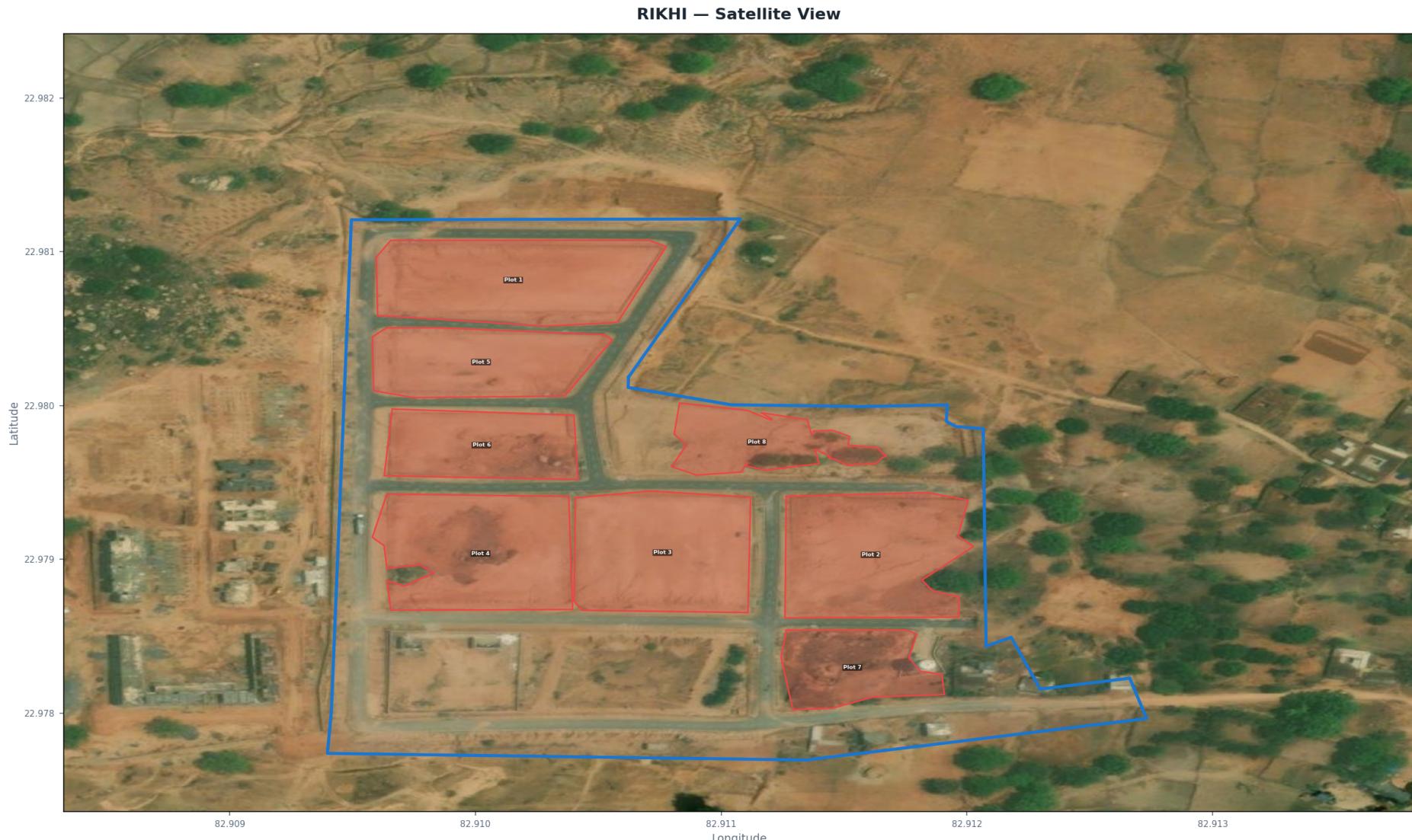
Category	Count	Total Area (sq.m)	Total Area (sq.ft)	Total Perimeter (m)	% of Total Area
Plot	8	37,855.2	407,469.5	2,381.3	100.0%
<b>TOTAL</b>	<b>8</b>	<b>37,855.2</b>	<b>407,469.5</b>	<b>2,381.3</b>	<b>100.0%</b>

**Area Distribution by Category**



## Satellite Imagery — Detected Boundaries

High-resolution satellite imagery with detected plot boundaries overlaid. Source: ESRI World Imagery.



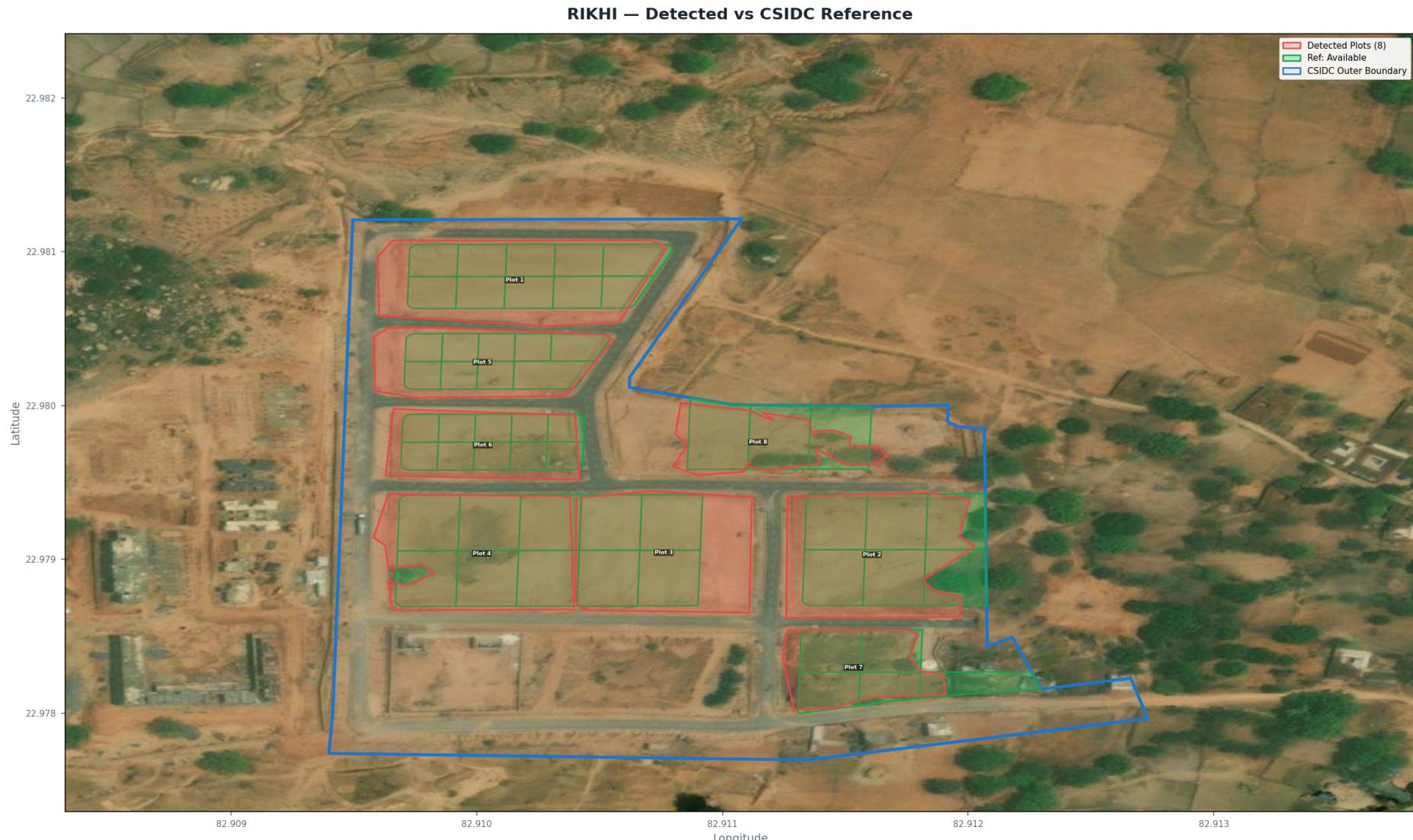
# CSIDC Reference Plots — Satellite Overlay

Official CSIDC reference plot boundaries (53 plots) overlaid on satellite imagery. These represent the allotted plot layout as recorded in the CSIDC GeoServer database.



## Combined View — Detected & CSIDC Reference Plots

Side-by-side comparison: 8 detected boundaries (colored) and 53 CSIDC reference plots (green) overlaid on satellite imagery for visual deviation assessment.



## Schematic Map — Plot Layout

CAD-style schematic view showing all detected features with category-specific styling.



## Schematic Map — CSIDC Reference Plots

CAD-style schematic of 53 official CSIDC reference plot boundaries as recorded in the GeoServer database.



## Individual Plot Details

Zoomed-in view of each detected plot showing boundary detail and measurements.

### Individual Plot Details



# Compliance Analysis

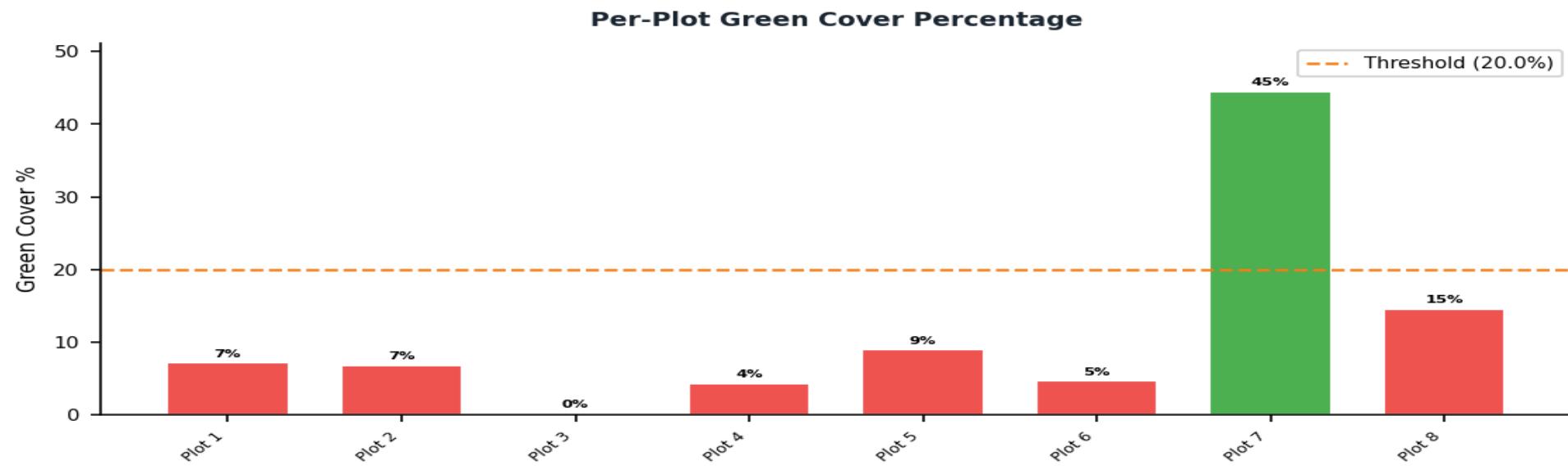
Automated compliance assessment based on satellite-derived green cover analysis (Excess Green Index) and construction timeline verification against allotment records.

Overall Compliance Rate	
<b>12%</b>	1 of 8 plots fully compliant   7 non-compliant   0 unchecked

## Compliance Breakdown

Metric	Value	Details
Total Plots Assessed	8	1 compliant, 7 non-compliant, 0 unchecked
Green Cover — Checked	8	1 compliant, 7 non-compliant (threshold: 20.0%)
Green Cover — Average	11.4%	Range: 0.3% – 44.5%
Construction Timeline — Checked	7	5 on track, 2 past deadline (2-year requirement)

## Green Cover Distribution



## Per-Plot Compliance Details

Detailed compliance status for each of the 8 assessed plots. Green cover is computed from satellite imagery using Excess Green Index ( $ExG = 2G - R - B$ ). Construction timeline compliance requires activity within 2 years of allotment.

#	Plot Name	Allotment Date	Green Cover %	Green Status	Construction Deadline	Construction Started	Construction Status	Overall
1	Plot 1	17 Jan 2021	7.2%	Fail	17 Jan 2023	Yes	Pass	FAIL
2	Plot 2	05 May 2022	6.9%	Fail	04 May 2024	N/A	Fail	FAIL
3	Plot 3	02 Nov 2022	0.3%	Fail	01 Nov 2024	Yes	Pass	FAIL
4	Plot 4	29 Mar 2021	4.3%	Fail	29 Mar 2023	N/A	Fail	FAIL
5	Plot 5	N/A	9.0%	Fail	N/A	No	N/A	FAIL
6	Plot 6	12 Nov 2021	4.7%	Fail	12 Nov 2023	Yes	Pass	FAIL
7	Plot 7	02 Sep 2023	44.5%	Pass	01 Sep 2025	Yes	Pass	PASS
8	Plot 8	14 Dec 2021	14.6%	Fail	14 Dec 2023	Yes	Pass	FAIL

## Compliance Violations — Detail

7 plot(s) have one or more compliance violations that require attention.

#	Plot Name	Green Cover	Violation(s)
1	Plot 1	7.2%	<ul style="list-style-type: none"><li>• Green cover 7.2% is below minimum 20.0%</li></ul>
2	Plot 2	6.9%	<ul style="list-style-type: none"><li>• Green cover 6.9% is below minimum 20.0%</li><li>• Construction not started; 650 days past 2-year deadline (allotted 05 May 2022)</li></ul>
3	Plot 3	0.3%	<ul style="list-style-type: none"><li>• Green cover 0.3% is below minimum 20.0%</li></ul>
4	Plot 4	4.3%	<ul style="list-style-type: none"><li>• Green cover 4.3% is below minimum 20.0%</li><li>• Construction not started; 1052 days past 2-year deadline (allotted 29 Mar 2021)</li></ul>
5	Plot 5	9.0%	<ul style="list-style-type: none"><li>• Green cover 9.0% is below minimum 20.0%</li></ul>
6	Plot 6	4.7%	<ul style="list-style-type: none"><li>• Green cover 4.7% is below minimum 20.0%</li></ul>
7	Plot 8	14.6%	<ul style="list-style-type: none"><li>• Green cover 14.6% is below minimum 20.0%</li></ul>

# Plot Inventory

Complete list of all 8 detected features with measurements.

#	Label	Category	Area (sq.m)	Area (sq.ft)	Perimeter (m)	Status
1	Plot 1	Plot	6,489.2	69,849.0	330.7	Active
2	Plot 2	Plot	6,226.7	67,023.7	340.7	Active
3	Plot 3	Plot	6,137.9	66,067.9	307.9	Active
4	Plot 4	Plot	5,154.6	55,483.6	356.1	Active
5	Plot 5	Plot	4,311.1	46,404.8	269.3	Active
6	Plot 6	Plot	3,709.5	39,928.4	251.7	Active
7	Plot 7	Plot	2,998.0	32,269.9	230.6	Active
8	Plot 8	Plot	2,828.2	30,442.3	294.3	Active

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**Disclaimer:** This report was generated by **Drishti — Automated Land Monitoring System** for the Chhattisgarh State Industrial Development Corporation (CSIDC). Data accuracy depends on satellite imagery resolution and AI model predictions. This report is intended for internal assessment purposes only and should not be used as a legal survey document.