

Details of Ambient Air Monitoring Locations

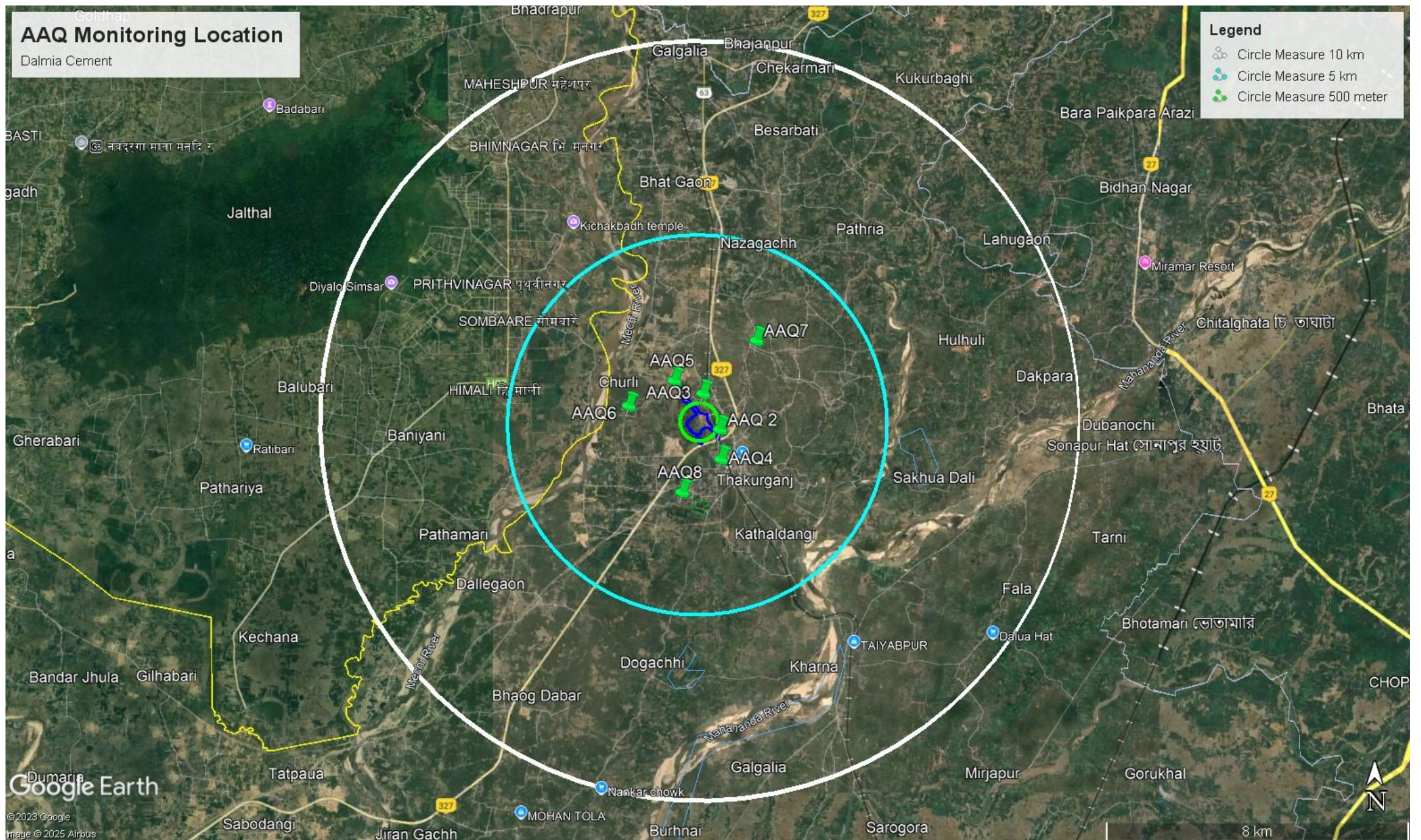
Sampli ng Code	Sampling Location	Co-ordinate	Type of Area	Distance (Km) & Direction	Criteria for Selection
AAQ- 1	Project Site	26°26'23.13"N 88° 7'15.08"E	Industrial Area	--	Residential area within plant premises
AAQ- 2	Nital Basti	26°26'3.14"N 88° 7'31.53"E	Residential Area	65 meter in SSW	Under 500 Meter in downwind
AAQ- 3	Churli	26°26'33.57"N 88° 7'15.44"E	Residential Area	156 meter in East	Under 500 meter in crosswind
AAQ- 4	Thakurganj	26°25'37.71"N 88° 7'32.53"E	Residential Area	1.06 km in South	Nearest habitation in downwind of 1st pre- dominant
AAQ- 5	Primary School Tabalbhitha, Churli	26°26'44.55"N 88° 6'48.02"E	Eco sensitive Area	0.34 km, in NNW	Sensitive receptor in upwind of 1st predominant
AAQ- 6	Primary School jhala	26°26'23.29"N 88° 6'4.75"E	Eco sensitive Area	1.87 km in West	Sensitive receptor in crosswind direction
AAQ- 7	Gothra, Nazagachh, Bihar	26°27'18.88"N 88° 8'6.15"E	Residential Area	2.04 km in NNE	Up- wind direction of 2nd pre- dominant.
AAQ- 8	Ma kali temple Gandhinagar, Thakurganj	26°25'9.62"N 88° 6'55.59"E	Eco sensitive Area	1.89 km in South	Sensitive receptor in Downwind direction of 1st Pre- dominant

AAQ Monitoring Location

Dalmia Cement

Legend

- Circle Measure 10 km
- Circle Measure 5 km
- Circle Measure 500 meter



Google Earth

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Details of Noise Quality Monitoring Locations

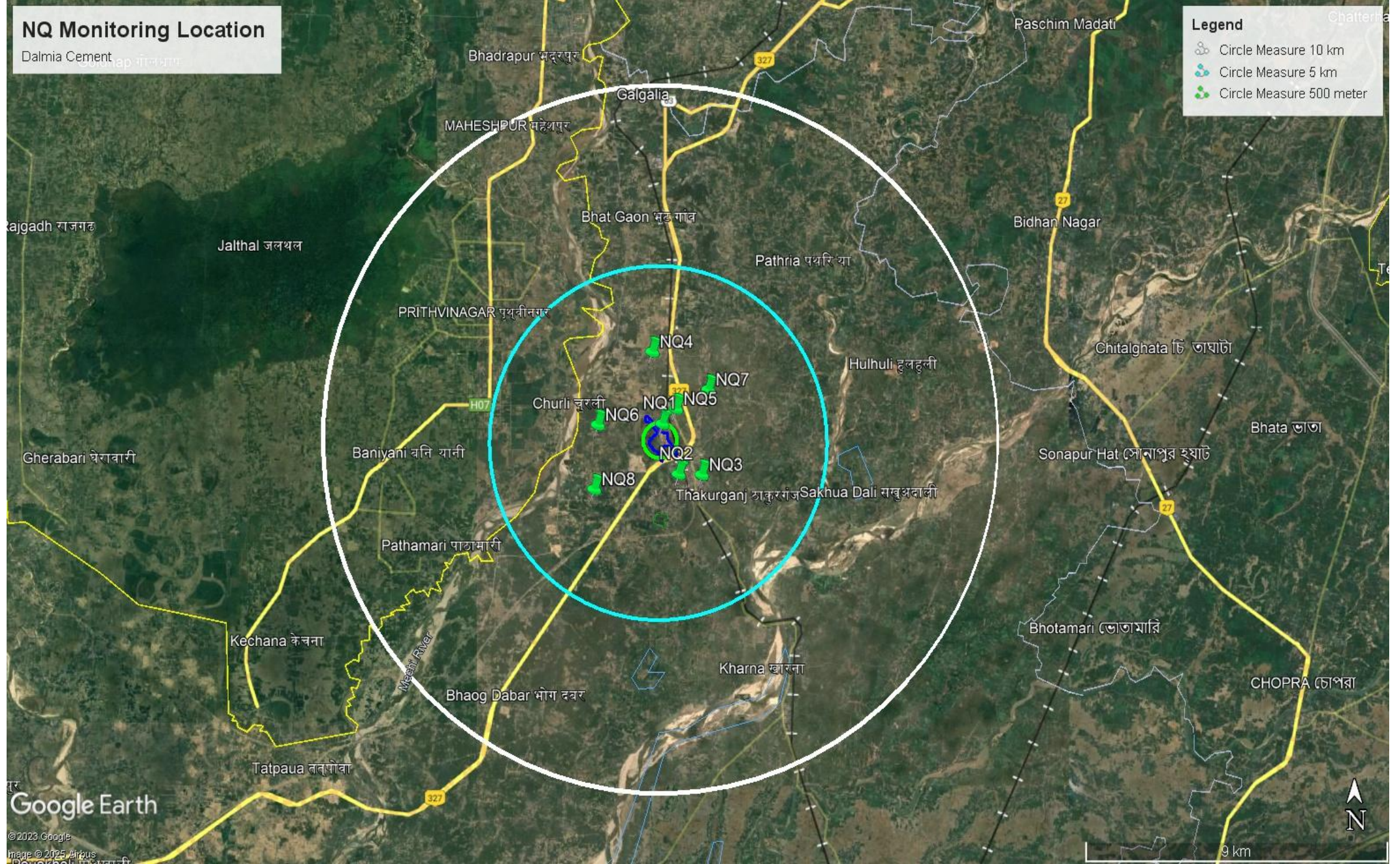
Samplin g Code	Sampling Location	Co-ordinate	Types of Area	Distance (km) & Direction	Criteria for Selection
NQ-1	Plant Premises	26°26'23.76"N 88° 7'13.61"E	Industrial Zone	-	Pollution Source
NQ-2	Thakurganj	26°25'37.78"N 88° 7'31.04"E	Residential Zone	0.98 km in South	Settlement near plant site in downwind direction of 1st predominant wind
NQ- 3	Government hospital thakurganj	26°25'37.27"N 88° 7'55.77"E	Silence Zone	1.28 km in SSE	Sensitive Receptor major Settlement area
NQ- 4	Churli, Bihar	26°27'29.51"N 88° 7'2.97"E	Residential zone	1.62 km in North	Habitation in upwind direction of 1st predominant wind
NQ- 5	Jamniguri Thakurganj	26°26'37.48"N 88° 7'28.41"E	Residential zone	0.60 km in West	Settlement in crosswind direction
NQ-6	Jhala	26°26'22.84"N 88° 6'4.70"E	Residential zone	1.73 km in West	Settlement in crosswind direction
NQ- 7	Ums Gothra School	26°26'54.92"N 88° 8'2.90"E	Silence Zone	1.50 km in NE	School present near to plant boundary
NQ-8	Bhaisloti jhala	26°25'24.06"N 88° 6'0.84"E	Residential zone	2.37 km in SW	Dense Habitation

NQ Monitoring Location

Dalmia Cement

Legend

- Circle Measure 10 km
- Circle Measure 5 km
- Circle Measure 500 meter



Details of Soil Quality Monitoring Locations

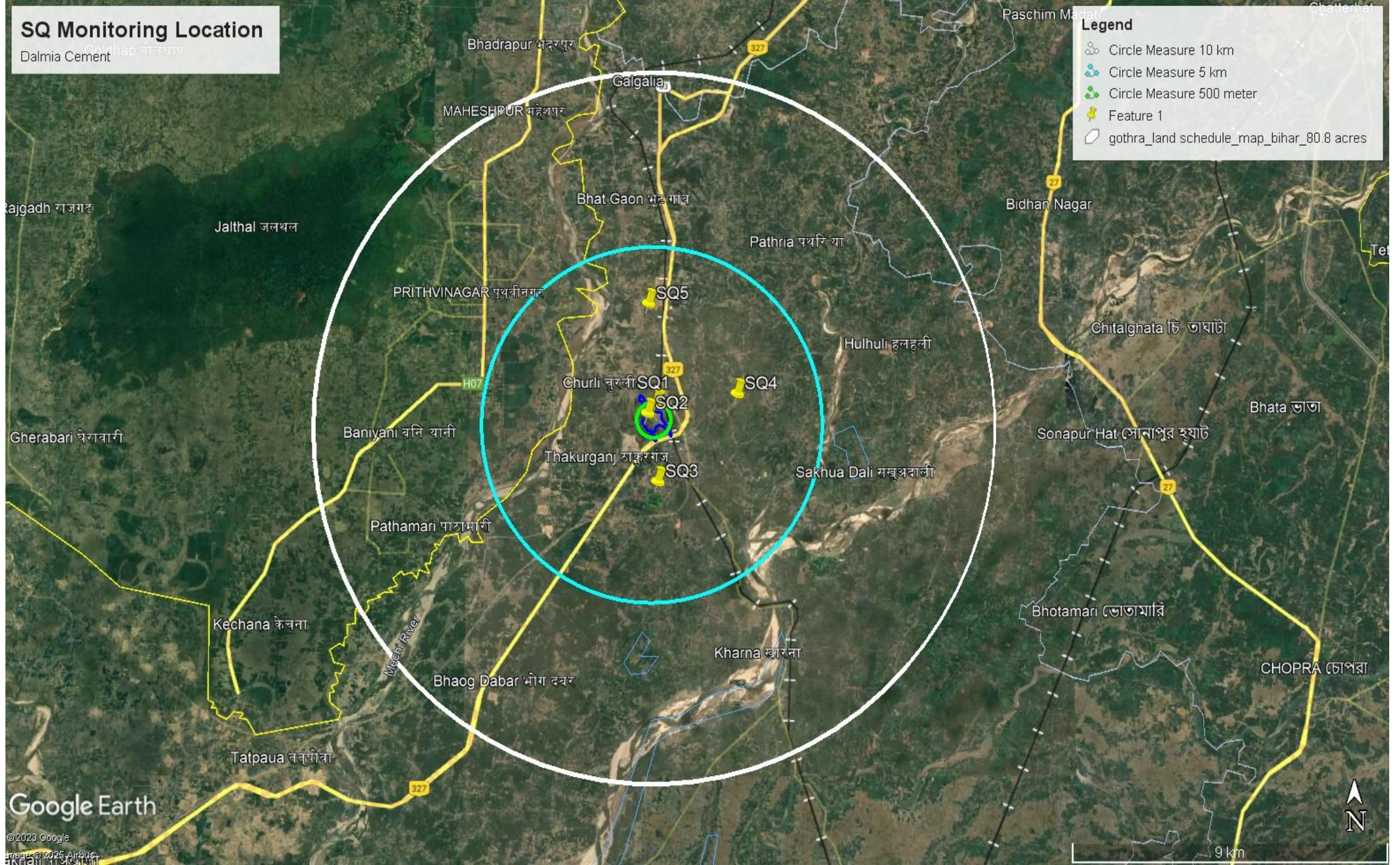
Samplin g Code	Sampling Location	Co-ordinate	Types of Area	Distance & Direction	Criteria for Selection
SQ-1	Project Site	26°26'23.63"N 88° 7'13.43"E	Industrial Area	--	Pollution Source
SQ-2	Agriculture land	26°26'15.11"N 88° 7'4.96"E	Residential Area	Adjacent to plant site	Nearest Cropland adjacent to Plant Site
SQ-3	Tea Garden	26°25'13.26"N 88° 7'15.89"E	Residential Area	1.53 km in South	Reserved Garden Area closest to Plant Site
SQ-4	High School Field	26°26'32.97"N 88° 8'39.98"E	Residential Area	2.11 km in East	Residential Land
SQ-5	Agriculture land (Churli, Bihar)	26°27'55.77"N 88° 7'5.56"E	Residential Area	2.29 km in North	Residential Land

SQ Monitoring Location

Dalmia Cement

Legend

- Circle Measure 10 km
- Circle Measure 5 km
- Circle Measure 500 meter
- Feature 1
- gothra_land schedule_map_bihar_80.8 acres



Google Earth

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Details of Surface Water Monitoring Locations

Sampling Code	Sampling Location	Co-ordinates	Type of Area	Distance (Km)& Direction	Criteria for Selection
SWQ-1	Mechi River	26°25'57.97"N 88° 5'26.58"E	Residential Area	2.83 km in WSW	Stream Near Plant downstream
SWQ-2	Mahananda River (Upstream)	26°27'10.49"N 88°10'27.98"E	Residential Area	5.41 km in ENE	Stream Near Plant upstream
SWQ-3	Mahananda River (downstream)	26°21'56.15"N 88° 7'18.44"E	Residential Area	7.79 km in South	Stream Near Plant downstream
SWQ-4	Pond	26°26'17.36"N 88° 7'18.84"E	Residential Area	--	Natural Pond within premises
SWQ-5	Pond	26°24'41.40"N 88° 7'23.36"E	Residential Area	2.46 km in South	Natural Pond next to habitation

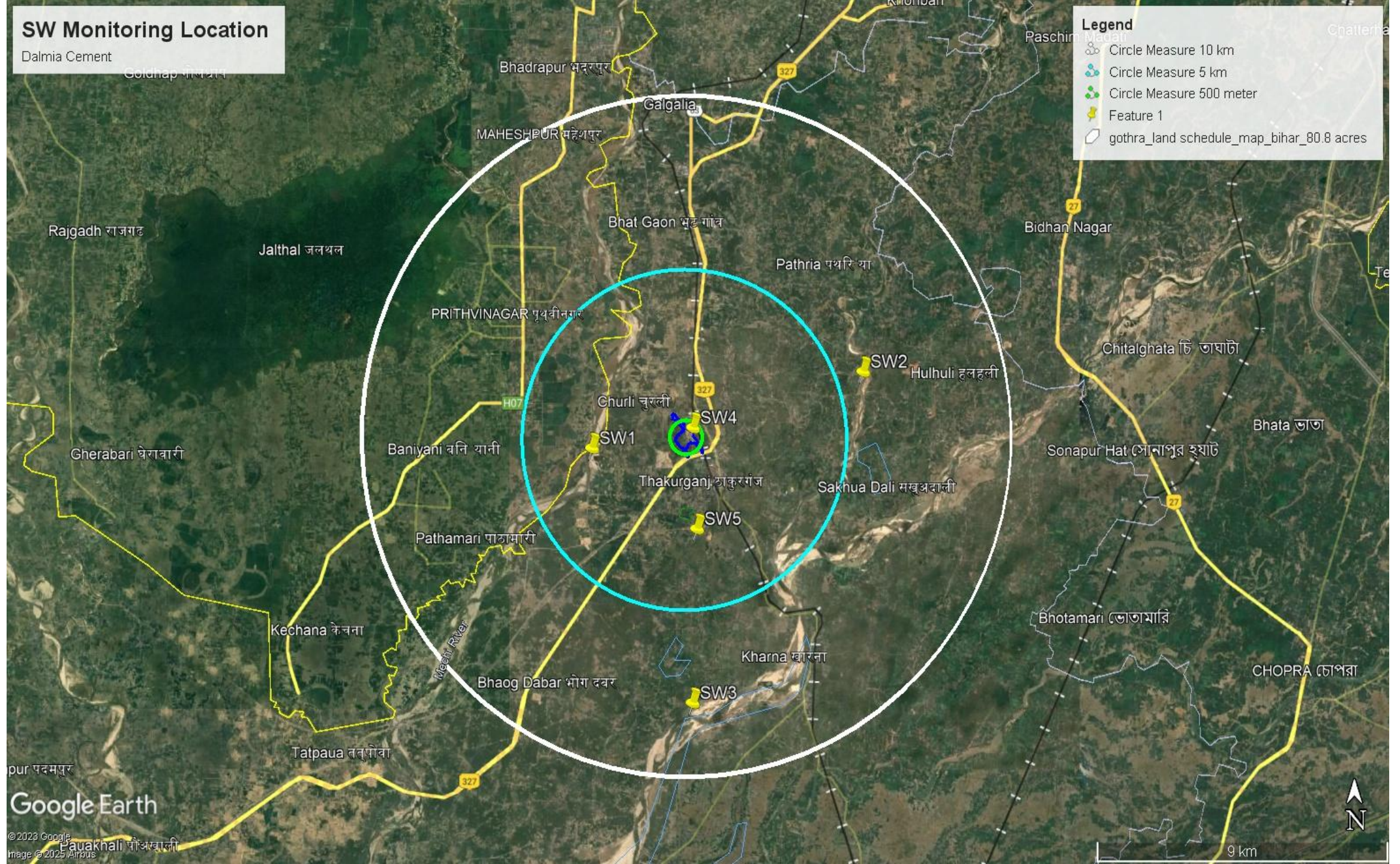
SW Monitoring Location

Dalmia Cement

Goldnap গোলদাপ

Legend

- Circle Measure 10 km
- Circle Measure 5 km
- Circle Measure 500 meter
- Feature 1
- gothra_land schedule_map_bihar_80.8 acres



Details of Ground Water Monitoring Locations

Sampling Code	Sampling Location	Co-ordinate	Type of Area	Distance & Direction	Criteria for Selection
GWQ- 1	Behbuldangi - Mosque	26°26'26.74"N 88° 8'22.32"E	Eco sensitive Area	1.65 km in East	Open well/Bore well in cross-stream of base flow and adjacent to plant
GWQ- 2	Churli, Bihar	26°26'42.99"N 88° 6'59.82"E	Residential Area	0.04 km in North	Open well/Bore well in upstream of base flow
GWQ- 3	Primary School jhala	26°26'22.49"N 88° 6'4.86"E	Eco sensitive Area	1.71 km in West	Open well/Bore well in cross-stream of base flow
GWQ- 4	Thakurganj	26°25'38.24"N 88° 7'33.62"E	Residential Area	1.12 km in South	Open well/Bore well in downstream of base flow
GWQ- 5	UHS Lodha Thakurganj	26°25'42.26"N 88° 6'35.82"E	Eco sensitive Area	1.33 km in SW	Bore well /Tap Water
GWQ- 6	NPS Noori Basti	26°24'30.48"N 88° 7'43.72"E	Residential Area	3.34 km in South	Open well/Bore well in downstream of base flow
GWQ7	Gulshan bhita Churli, Bihar	26°27'41.69"N 88° 7'13.04"E	Residential Area	1.93 km in North	Bore well /Tap Water

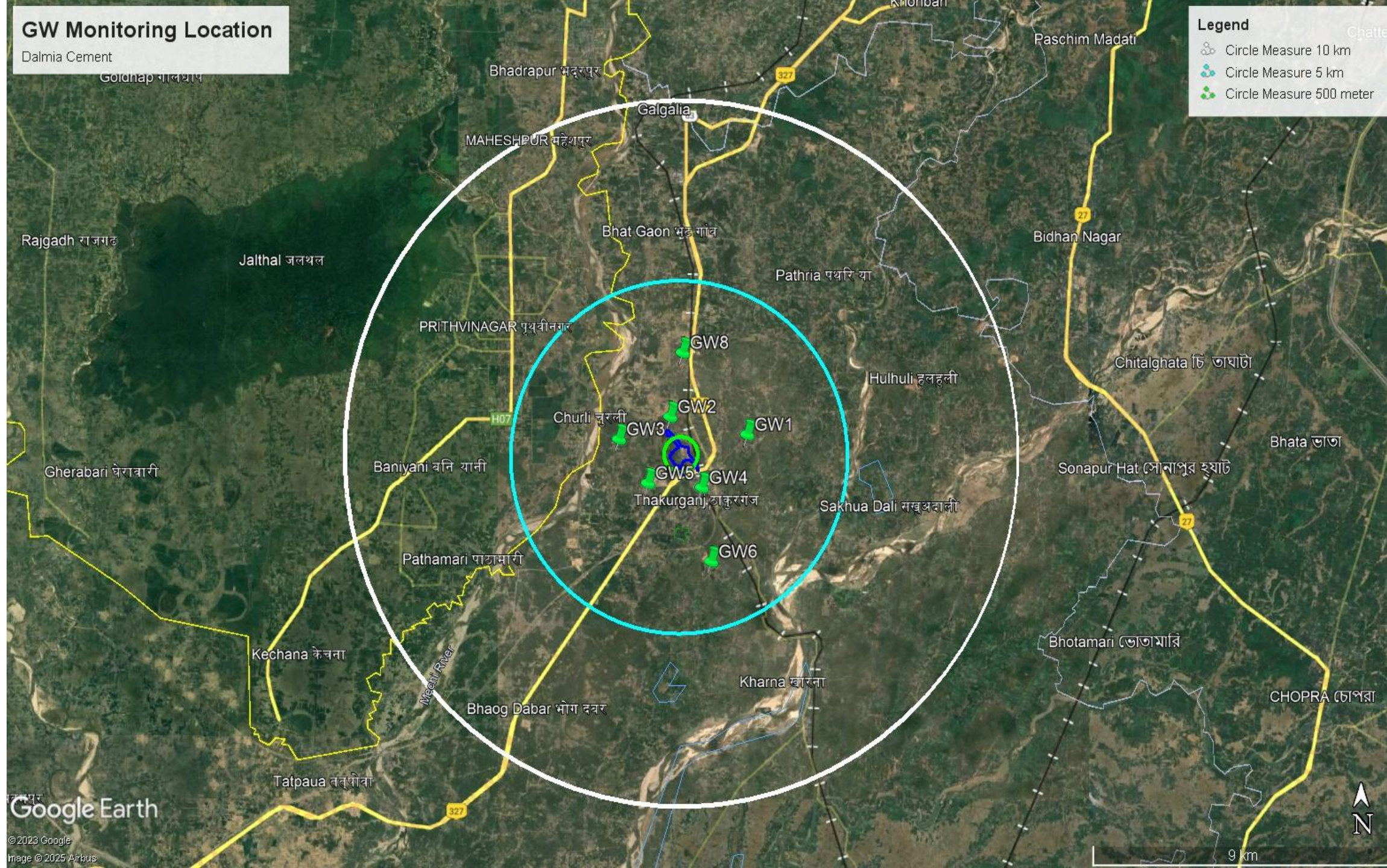
GW Monitoring Location

Dalmia Cement

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Legend

- Circle Measure 10 km
- Circle Measure 5 km
- Circle Measure 500 meter



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