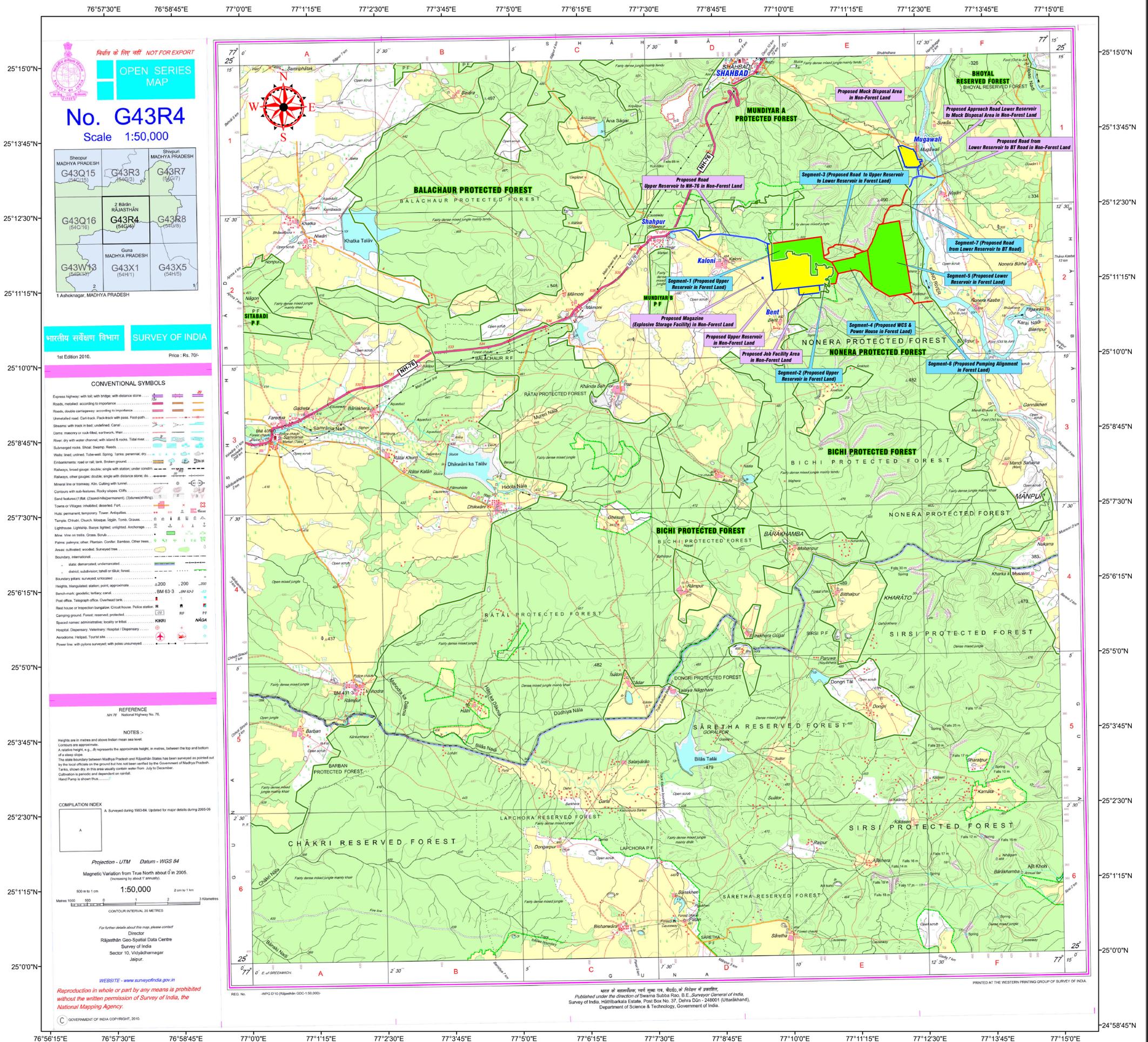


MAP SHOWING GEO-REFERENCED SURVEY OF INDIA TOPOSHEET WITH PROPOSED SHAHPUR PUMPED STORAGE ALIGNMENT IN FOREST AND NON-FOREST AREA

Full Title of the Project : "Construction of Shahpur (2520 MW) Pumped Storage Project by M/s Greenko Energies Private Limited"

Proposal No. : FP/RJ/HYD/121439/2021 Applied Area : 407.8227 Ha.

PART OF TOPOSHEET NO. 546/4



OPEN SERIES MAP
No. G43R4
 Scale 1:50,000

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA
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- CONVENTIONAL SYMBOLS**
- Express Highway: with toll, with bridge, with distance stone
 - Roads, metalled, according to importance
 - Unmetalled road, Cart-track, Pack-track with pass, Foot-path
 - Stream: with track in bed, underlined, Canal
 - Dam: masonry or rock filled, earthen, Weir
 - Reservoir: with water channel, with island & water, Fish-pond
 - Submerged rocks, Shoal, Swamp, Reeds
 - Wells: lined, Tubewell, Spring, Tarns, perennial, dry
 - Embankment: road or rail, broken ground
 - Railways, broad gauge, double, single with station, under cover
 - Railways, other gauges: double, single with distance stone
 - Mineral line or tramway, Rail, Casing with distance stone
 - Captivity with sub-structure, Rocky hill, Cliff, Falls
 - Sand features (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20) (21) (22) (23) (24) (25) (26) (27) (28) (29) (30) (31) (32) (33) (34) (35) (36) (37) (38) (39) (40) (41) (42) (43) (44) (45) (46) (47) (48) (49) (50) (51) (52) (53) (54) (55) (56) (57) (58) (59) (60) (61) (62) (63) (64) (65) (66) (67) (68) (69) (70) (71) (72) (73) (74) (75) (76) (77) (78) (79) (80) (81) (82) (83) (84) (85) (86) (87) (88) (89) (90) (91) (92) (93) (94) (95) (96) (97) (98) (99) (100)

REFERENCE
 Any P.P. National Highway No. 76

NOTES

- Heights are in metres and above Indian mean sea level.
- Contours are approximate.
- Heights, triangulation stations, points, approximate.
- Bench-mark, geodetic, levelling, canal, BM 63.3, BM 63.3
- Post office, Telegraph office, Overhead tank
- Rest house or inspection bungalow, Circuit house, Police station
- Camping ground, Forest, reserved, protected, NCF, RF
- Spaced names administrative, locality or tribal
- Hospital, Dispensary, Veterinary, Hostel, Dispensary
- Assemblies, help, Tourist site
- Power line, with pylons surveyed, with poles unsurveyed
- Hard Pump is shown thus

COMPILED INDEX
 A. Surveyed during 1953-54. Updated for major details during 2005-06

Projection - UTM Datum - WGS 84
 Magnetic Variation from True North about 0° in 2005.
 (Remaining to about 1° annual)

500 m to 1 cm
 1:50,000
 2 cm to 1 km
 2 Kilometres

For further details about this map please contact
 Director
 Rajasthan Geo-Spatial Data Centre
 Survey of India
 Sector 10, Vidyalaynagar
 Jaipur.

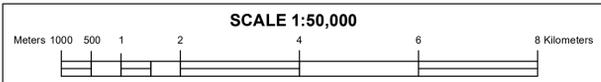
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Legend

- Proposed Pumped Storage Alignment in Forest Land
- Proposed Pumped Storage Alignment in Non-Forest Land
- Forest Boundary



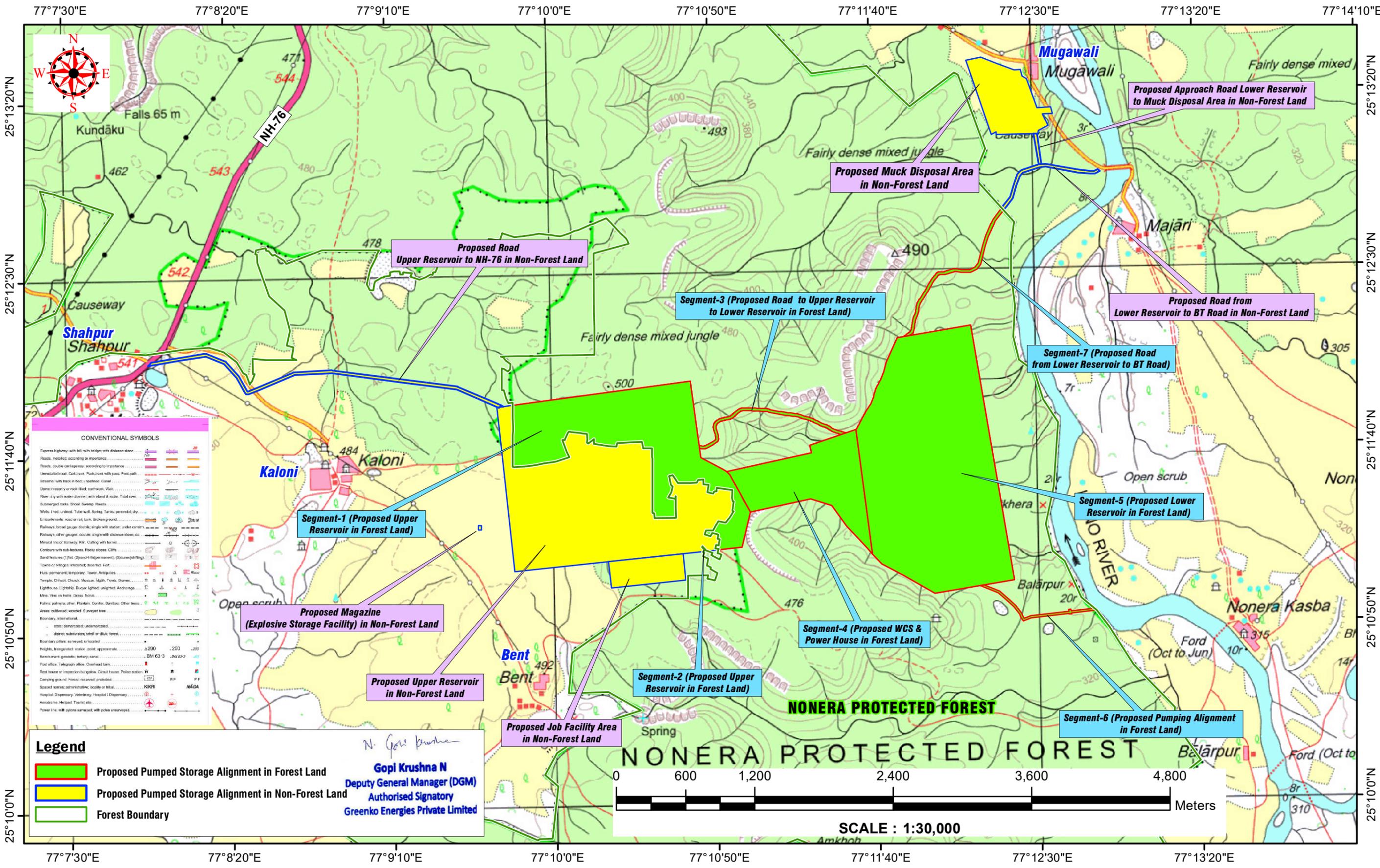
N. Gopi Krishna
Gopi Krishna N
 Deputy General Manager (DGM)
 Authorised Signatory
 Greenko Energies Private Limited

ZOOM VIEW MAP SHOWING GEO-REFERECE SURVEY OF INDIA TOPOSHEET WITH PROPOSED SHAHPUR PUMPED STORAGE ALIGNMENT IN FOREST AND NON-FOREST AREA

Full Title of the Project : "Construction of Shahpur (2520 MW) Pumped Storage Project by M/s Greenko Energies Private Limited"

Proposal No. : FP/RJ/HYD/121439/2021 Applied Area : 407.8227 Ha.

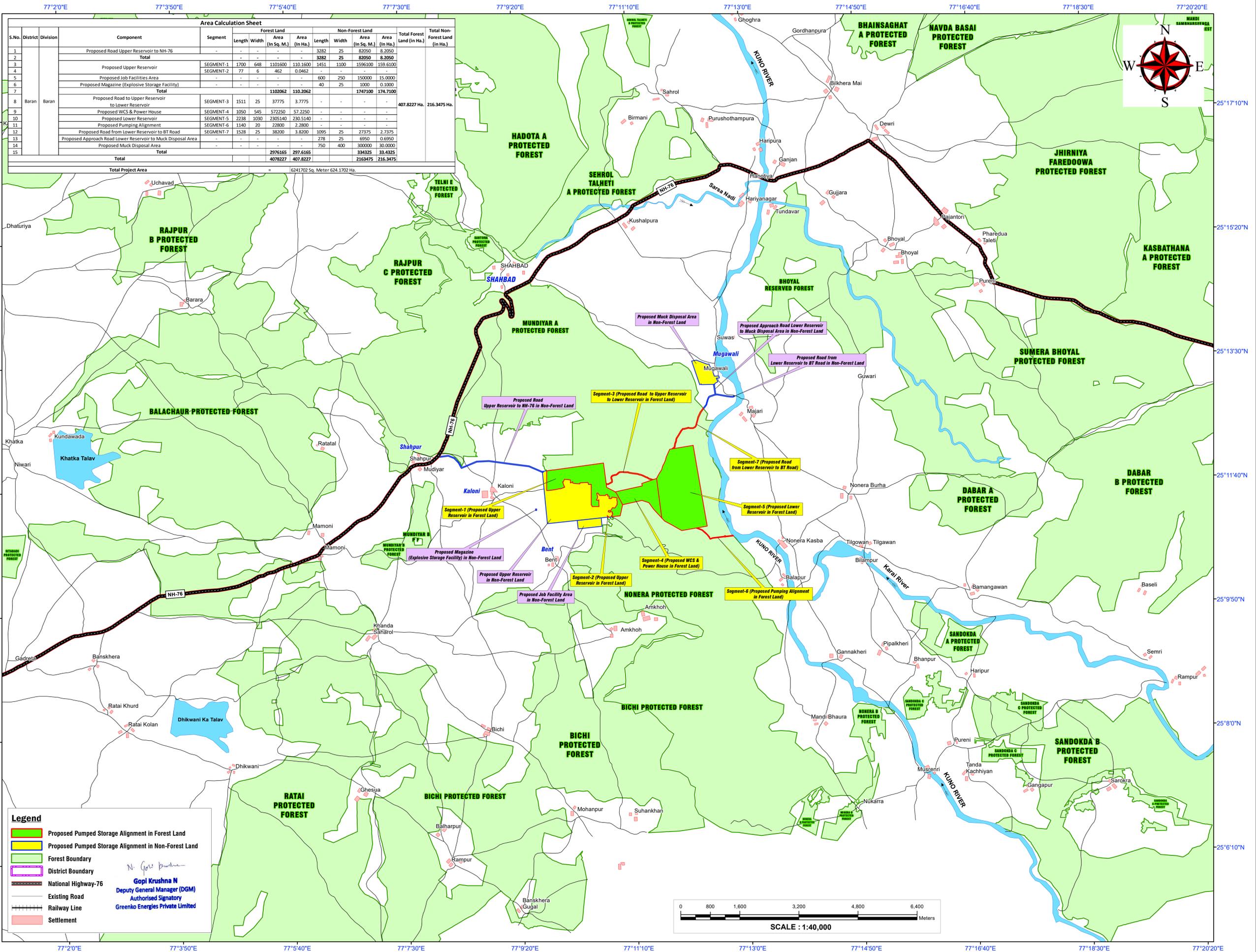
PART OF TOPOSHEET NO. 54G/4



DIGITAL MAP SHOWING PROPOSED SHAHPUR PUMPED STORAGE ALIGNMENT IN FOREST AND NON-FOREST AREA

Full Title of the Project : "Construction of Shahpur (2520 MW) Pumped Storage Project by M/s Greenko Energies Private Limited"

Proposal No. : FP/RJ/HYD/121439/2021 Applied Area : 407.8227 Ha.

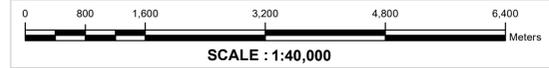


Area Calculation Sheet														
S.No.	District	Division	Component	Segment	Forest Land				Non-Forest Land				Total Forest Land (In Ha.)	Total Non-Forest Land (In Ha.)
					Length	Width	Area (In Sq. M.)	Area (In Ha.)	Length	Width	Area (In Sq. M.)	Area (In Ha.)		
1			Proposed Road Upper Reservoir to NH-76					3282	25	82050	8.2050			
2			Total					3282	25	82050	8.2050			
3			Proposed Upper Reservoir	SEGMENT-1	1700	648	1101600	110.1600	1451	1100	1596100	159.6100		
4			Proposed Job Facilities Area	SEGMENT-2	77	6	462	0.0462						
5			Proposed Magazine (Explosive Storage Facility)					600	250	150000	15.0000			
6			Total					1102062	110.2062	1747100	174.7100			
7	Baran	Baran	Proposed Road to Upper Reservoir to Lower Reservoir	SEGMENT-3	1511	25	37775	3.7775						
8			Proposed WCS & Power House	SEGMENT-4	1050	545	572250	57.2250						
9			Proposed Lower Reservoir	SEGMENT-5	2238	1030	2305140	230.5140						
10			Proposed Pumping Alignment	SEGMENT-6	1140	20	22800	2.2800						
11			Proposed Road from Lower Reservoir to BT Road	SEGMENT-7	1528	25	38200	3.8200	1095	25	27375	2.7375		
12			Proposed Approach Road Lower Reservoir to Muck Disposal Area					278	25	6950	0.6950			
13			Proposed Muck Disposal Area					750	400	300000	30.0000			
14			Total					2976165	297.6165	334325	33.4325			
15			Total					4078227	407.8227	2163475	216.3475			
Total Project Area					6241702 Sq. Meter 624.1702 Ha.									

Legend

- Proposed Pumped Storage Alignment in Forest Land
- Proposed Pumped Storage Alignment in Non-Forest Land
- Forest Boundary
- District Boundary
- National Highway-76
- Existing Road
- Railway Line
- Settlement

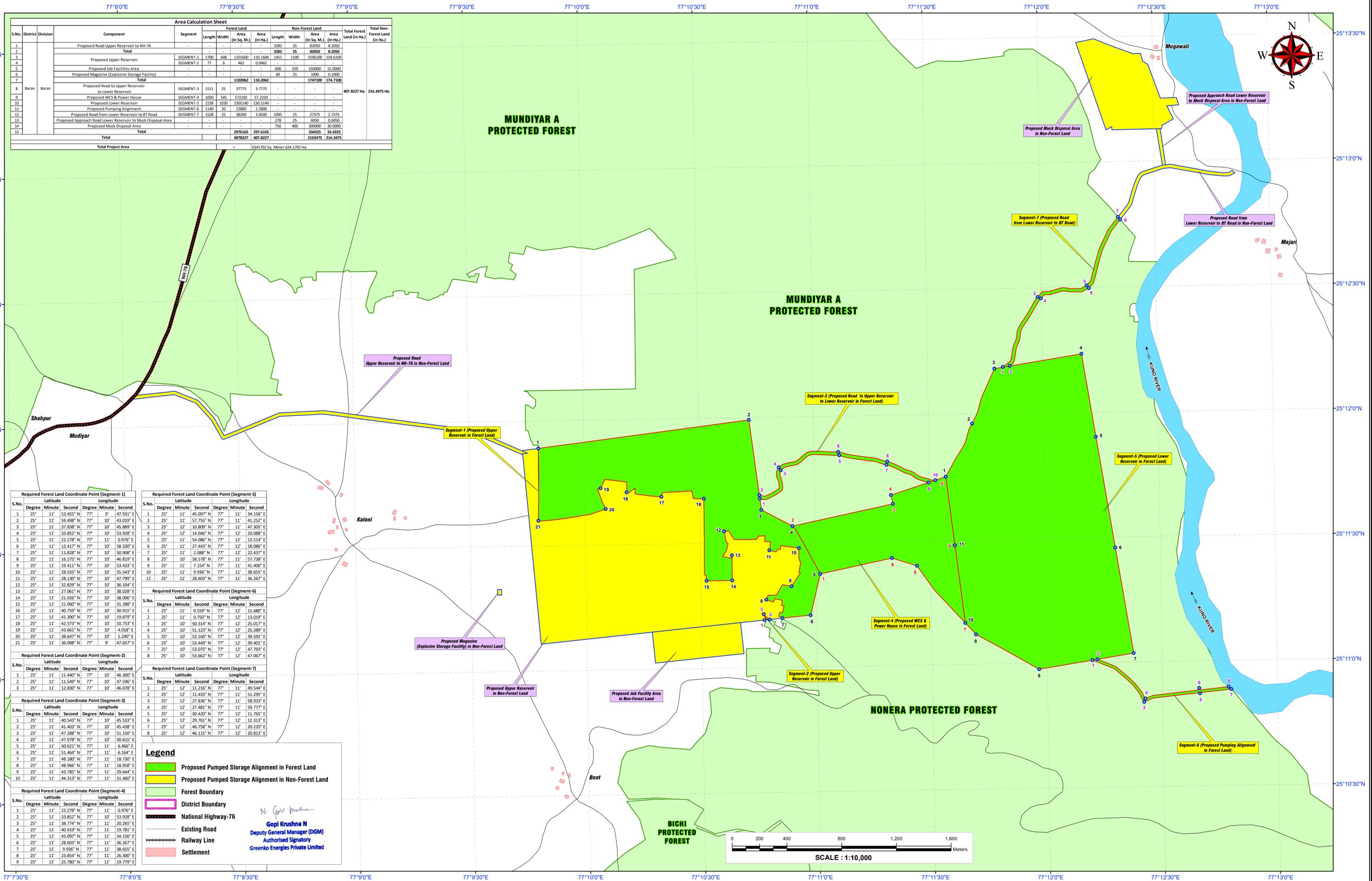
N. Gopi Krishna
Gopi Krishna N
 Deputy General Manager (DGM)
 Authorised Signatory
 Greenko Energies Private Limited



ZOOM VIEW DIGITAL MAP SHOWING PROPOSED SHAHPUR PUMPED STORAGE ALIGNMENT IN FOREST AND NON-FOREST AREA

Full Title of the Project : "Construction of Shahpur (2520 MW) Pumped Storage Project by M/s Greenko Energies Private Limited"

Proposal No. : FP/RJ/HYD/121439/2021 Applied Area : 407.8227 Ha.



Area Calculation Sheet													
S.No.	District	Division	Component	Segment	Forest Land			Non-Forest Land			Total Forest Land (In Ha.)	Total Non-Forest Land (In Ha.)	
					Length	Width	Area (In Sq. M.)	Length	Width	Area (In Sq. M.)			
1			Proposed Road Upper Reservoir to NH-76	-	-	-	-	-	3382	25	82050	8.2050	
2			Total	-	-	-	-	-	3382	25	82050	8.2050	
3			Proposed Upper Reservoir	SEGMENT-1	1700	648	1101600	1451	1100	1596100	159.6100	159.6100	
4			Proposed Job Facilities Area	SEGMENT-2	77	6	462	0.0462	-	-	-	-	
5			Proposed Magazine (Explosive Storage Facility)	-	-	-	-	-	600	250	150000	15.0000	
6			Total	-	-	-	-	-	40	25	1000	0.1000	
7			Total	-	-	1102062	110.2062	-	1747100	174.7100	-	-	
8	Baran	Baran	Proposed Road to Upper Reservoir to Lower Reservoir	SEGMENT-3	1511	25	37775	3.7775	-	-	-	-	
9			Proposed WCS & Power House	SEGMENT-4	1050	545	572250	57.2250	-	-	-	-	
10			Proposed Lower Reservoir	SEGMENT-5	2238	1030	2305140	230.5140	-	-	-	-	
11			Proposed Pumping Alignment	SEGMENT-6	1140	20	22800	2.2800	-	-	-	-	
12			Proposed Road from Lower Reservoir to BT Road	SEGMENT-7	1528	25	38200	3.8200	1095	25	27275	2.7275	
13			Proposed Approach Road Lower Reservoir to Muck Disposal Area	-	-	-	-	-	278	25	6950	0.6950	
14			Proposed Muck Disposal Area	-	-	-	-	-	750	400	300000	30.0000	
15			Total	-	-	2976165	297.6165	-	334325	33.4325	-	-	
Total Project Area						= 6241702 Sq. Meter 624.1702 Ha.							

Required Forest Land Coordinate Point (Segment-1)								
S.No.	Latitude	Longitude	S.No.	Latitude	Longitude			
1	25° 11' 53.455" N	77° 10' 47.931" E	9	25° 11' 45.097" N	77° 11' 34.156" E			
2	25° 11' 59.498" N	77° 10' 43.019" E	10	25° 11' 57.755" N	77° 11' 41.252" E			
3	25° 11' 37.838" N	77° 10' 45.889" E	11	25° 12' 10.809" N	77° 11' 47.305" E			
4	25° 11' 33.852" N	77° 10' 53.928" E	12	25° 12' 14.046" N	77° 12' 10.088" E			
5	25° 11' 22.278" N	77° 11' 0.976" E	13	25° 11' 54.086" N	77° 12' 13.514" E			
6	25° 11' 12.417" N	77° 10' 58.330" E	14	25° 11' 27.443" N	77° 12' 18.086" E			
7	25° 11' 11.829" N	77° 10' 50.908" E	15	25° 11' 2.086" N	77° 12' 22.437" E			
8	25° 11' 16.275" N	77° 10' 46.819" E	16	25° 10' 58.578" N	77° 11' 57.738" E			
9	25° 11' 19.411" N	77° 10' 53.433" E	17	25° 11' 7.154" N	77° 11' 41.400" E			
10	25° 11' 28.555" N	77° 10' 55.543" E	18	25° 11' 9.936" N	77° 11' 38.655" E			
11	25° 11' 28.130" N	77° 10' 47.799" E	19	25° 11' 28.603" N	77° 11' 36.267" E			
12	25° 11' 39.829" N	77° 10' 36.104" E						
13	25° 11' 27.051" N	77° 10' 38.029" E	Required Forest Land Coordinate Point (Segment-5)					
14	25° 11' 21.026" N	77° 10' 38.006" E	S.No.	Latitude	Longitude			
15	25° 11' 21.060" N	77° 10' 31.288" E	1	25° 11' 0.559" N	77° 12' 11.680" E			
16	25° 11' 40.759" N	77° 10' 30.915" E	2	25° 11' 0.750" N	77° 12' 13.019" E			
17	25° 11' 41.399" N	77° 10' 19.879" E	3	25° 10' 50.314" N	77° 12' 25.017" E			
18	25° 11' 42.573" N	77° 10' 10.753" E	4	25° 10' 53.123" N	77° 12' 25.289" E			
19	25° 11' 43.661" N	77° 10' 4.018" E	5	25° 10' 52.160" N	77° 12' 39.591" E			
20	25° 11' 38.647" N	77° 10' 5.240" E	6	25° 10' 53.449" N	77° 12' 39.401" E			
21	25° 11' 36.098" N	77° 9' 47.657" E	7	25° 10' 53.075" N	77° 12' 47.793" E			
			8	25° 10' 53.662" N	77° 12' 47.067" E			
Required Forest Land Coordinate Point (Segment-2)								
S.No.	Latitude	Longitude	Required Forest Land Coordinate Point (Segment-6)					
1	25° 11' 11.440" N	77° 10' 46.300" E	S.No.	Latitude	Longitude			
2	25° 11' 11.549" N	77° 10' 47.596" E	1	25° 12' 11.216" N	77° 11' 49.544" E			
3	25° 11' 12.830" N	77° 10' 46.078" E	2	25° 12' 11.433" N	77° 11' 51.295" E			
			3	25° 12' 12.086" N	77° 11' 58.933" E			
Required Forest Land Coordinate Point (Segment-3)						4	25° 12' 27.481" N	77° 11' 59.777" E
S.No.	Latitude	Longitude	5	25° 12' 30.420" N	77° 12' 11.765" E			
1	25° 11' 40.543" N	77° 10' 45.533" E	6	25° 12' 29.761" N	77° 12' 12.313" E			
2	25° 11' 41.403" N	77° 10' 45.438" E	7	25° 12' 46.758" N	77° 12' 20.233" E			
3	25° 11' 42.263" N	77° 10' 51.150" E	8	25° 12' 46.115" N	77° 12' 20.813" E			
4	25° 11' 47.978" N	77° 10' 50.615" E						
5	25° 11' 50.621" N	77° 11' 6.466" E	Required Forest Land Coordinate Point (Segment-7)					
6	25° 11' 51.464" N	77° 11' 6.164" E	S.No.	Latitude	Longitude			
7	25° 11' 48.180" N	77° 11' 18.730" E	1	25° 12' 11.216" N	77° 11' 49.544" E			
8	25° 11' 48.966" N	77° 11' 18.958" E	2	25° 12' 11.433" N	77° 11' 51.295" E			
9	25° 11' 43.785" N	77° 11' 29.644" E	3	25° 12' 12.086" N	77° 11' 58.933" E			
10	25° 11' 44.313" N	77° 11' 31.460" E	4	25° 12' 27.481" N	77° 11' 59.777" E			
			5	25° 12' 30.420" N	77° 12' 11.765" E			
Required Forest Land Coordinate Point (Segment-4)						6	25° 12' 29.761" N	77° 12' 12.313" E
S.No.	Latitude	Longitude	7	25° 12' 46.758" N	77° 12' 20.233" E			
1	25° 11' 22.278" N	77° 11' 0.976" E	8	25° 12' 46.115" N	77° 12' 20.813" E			
2	25° 11' 33.852" N	77° 10' 53.928" E						
3	25° 11' 38.774" N	77° 11' 20.265" E						
4	25° 11' 40.919" N	77° 11' 19.781" E						
5	25° 11' 45.097" N	77° 11' 34.156" E						
6	25° 11' 28.603" N	77° 11' 36.267" E						
7	25° 11' 9.936" N	77° 11' 38.655" E						
8	25° 11' 23.854" N	77° 11' 26.300" E						
9	25° 11' 25.780" N	77° 11' 19.779" E						

Legend

- Proposed Pumped Storage Alignment in Forest Land
- Proposed Pumped Storage Alignment in Non-Forest Land
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N. Gopal Prasad
Gopi Krushna N
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