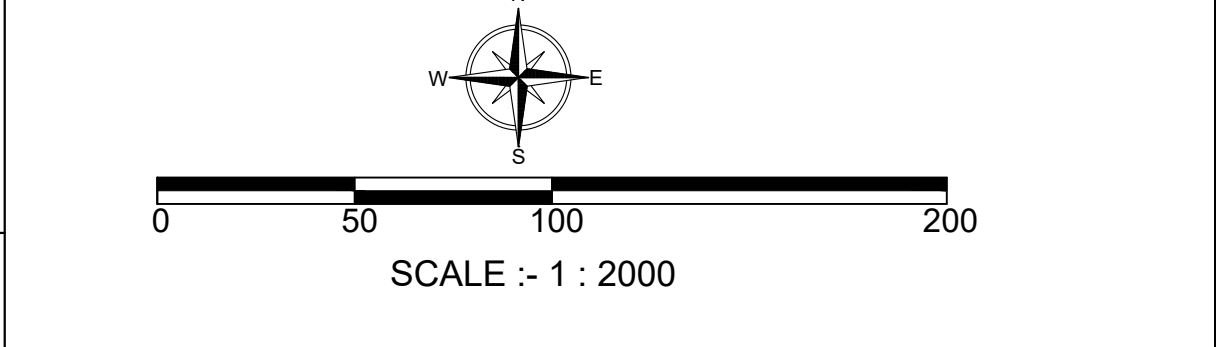
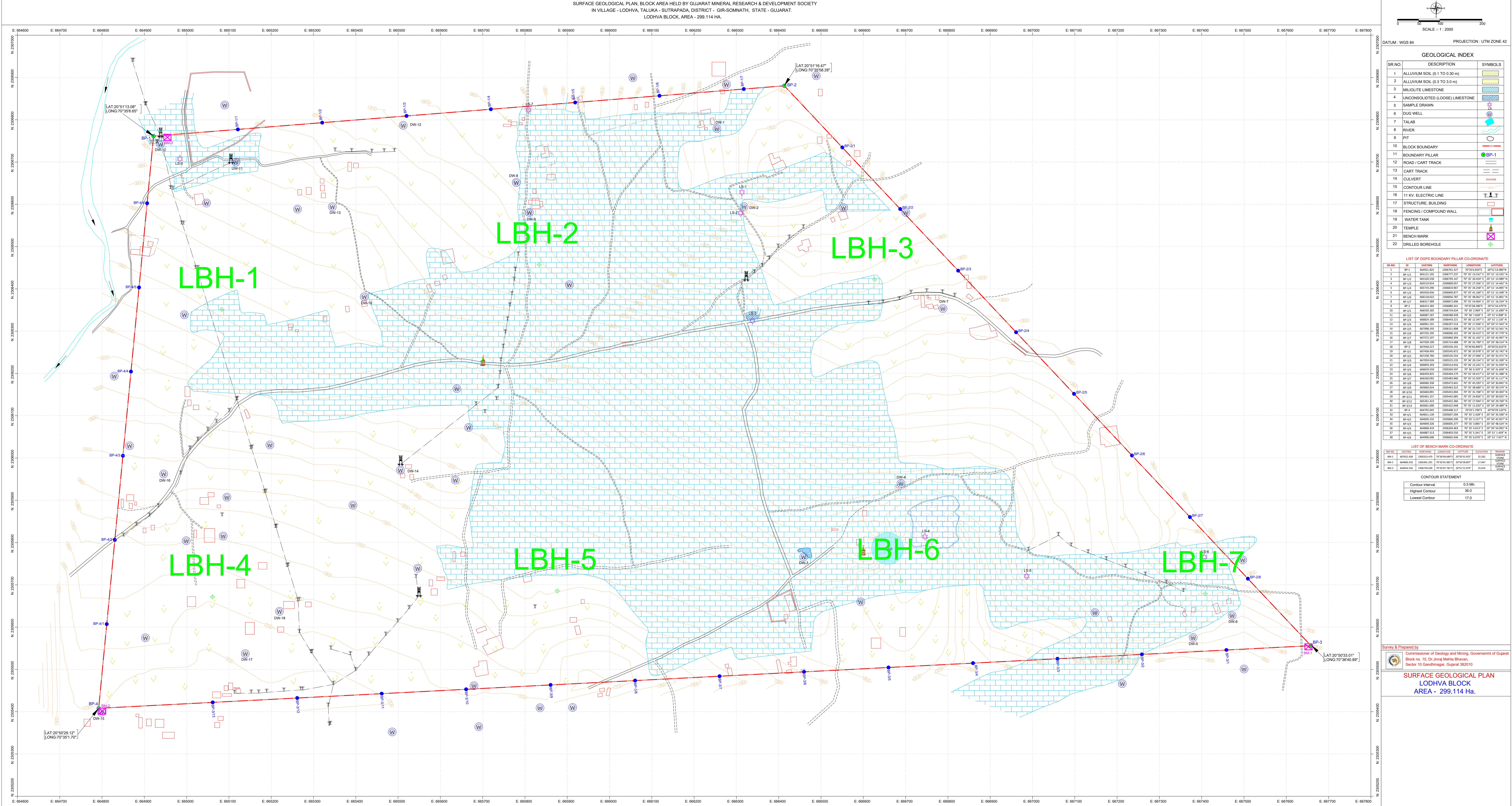




GEOLOGICAL INDEX		
SR.NO.	DESCRIPTION	SYMBOLS
1	ALLUVIUM SOIL (0.1 TO 0.30 m)	
2	ALLUVIUM SOIL (0.3 TO 3.0 m)	
3	MICOLITE LIMESTONE	
4	UNCONSOLIDATED (LOOSE) LIMESTONE	
5	SAMPLE DRAWN	
6	DUG WELL	
7	TALAB	
8	RIVER	
9	PIT	
10	BLOCK BOUNDARY	
11	BOUNDARY PILLAR	
12	ROAD / CART TRACK	
13	CART TRACK	
14	CULVERT	
15	CONTOUR LINE	
16	11 KV. ELECTRIC LINE	
17	STRUCTURE, BUILDING	
18	FENCING / COMPOUND WALL	
19	WATER TANK	
20	TEMPLE	
21	BENCH MARK	
22	DRILLED BOREHOLE	

LIST OF DGPS BOUNDARY PILLAR CO-ORDINATE					
SR.NO.	ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	BP-1	664911.825	2306761.327	70°55'4.660"E	20°51'13.080"N
2	BP-1/L	665221.192	2306777.237	70°55'13.552"E	20°51'13.585"N
3	BP-1/2	665113.588	2306793.147	70°55'20.044"E	20°51'13.980"N
4	BP-1/L	665119.924	2306809.057	70°55'27.356"E	20°51'14.442"N
5	BP-1/L	665725.290	2306834.907	70°55'34.288"E	20°51'14.895"N
6	BP-1/L	665918.656	2306840.877	70°55'41.560"E	20°51'15.348"N
7	BP-1/L	666118.022	2306856.787	70°55'48.042"E	20°51'15.801"N
8	BP-1/2	666317.385	2306872.696	70°55'54.944"E	20°51'16.254"N
9	BP-2	666413.183	2306880.343	70°55'58.280"E	20°51'16.470"N
10	BP-2/L	666503.185	2306734.634	70°56'2.960"E	20°51'13.000"N
11	BP-2/2	666617.187	2306808.638	70°56'7.630"E	20°51'15.000"N
12	BP-2/L	666824.189	2306443.271	70°56'13.340"E	20°51'21.120"N
13	BP-2/L	666916.191	2306597.154	70°56'17.080"E	20°51'25.140"N
14	BP-2/L	667008.193	2306551.808	70°56'21.720"E	20°51'32.561"N
15	BP-2/L	667205.195	2306006.101	70°56'28.412"E	20°51'47.770"N
16	BP-2/2	667317.137	2306001.594	70°56'31.102"E	20°51'48.900"N
17	BP-2/L	667509.139	2305714.688	70°56'35.790"E	20°51'38.214"N
18	BP-3	667604.227	2305556.191	70°56'40.800"E	20°51'33.020"N
19	BP-3/L	667640.493	2305545.872	70°56'43.010"E	20°51'31.762"N
20	BP-3/2	667558.760	2305335.554	70°56'27.060"E	20°51'32.471"N
21	BP-3/L	667509.038	2305525.235	70°56'30.544"E	20°51'30.000"N
22	BP-3/L	666829.295	2305514.935	70°56'13.242"E	20°51'31.920"N
23	BP-3/L	666659.559	2305004.597	70°56'6.520"E	20°51'31.688"N
24	BP-3/L	666450.825	2304946.279	70°56'10.042"E	20°51'31.880"N
25	BP-3/2	666200.092	2304843.960	70°56'52.020"E	20°51'31.117"N
26	BP-3/L	666000.358	2304773.641	70°56'45.501"E	20°51'30.840"N
27	BP-3/L	665800.824	2304663.152	70°56'38.800"E	20°51'30.574"N
28	BP-3/L	665600.891	2304553.004	70°56'31.768"E	20°51'30.303"N
29	BP-3/L	665400.137	2304442.885	70°56'24.850"E	20°51'30.032"N
30	BP-3/L	665200.423	2304332.366	70°56'17.844"E	20°51'29.760"N
31	BP-3/L	665000.690	2304222.048	70°56'11.032"E	20°51'29.480"N
32	BP-4	664700.045	2304008.117	70°56'5.780"E	20°51'29.220"N
33	BP-4/L	664511.139	2305007.204	70°56'2.420"E	20°51'35.500"N
34	BP-4/2	664300.212	2305006.290	70°56'3.117"E	20°51'42.000"N
35	BP-4/L	664000.326	2304905.177	70°56'3.800"E	20°51'48.540"N
36	BP-4/L	663800.419	2304804.463	70°56'4.617"E	20°51'54.992"N
37	BP-4/L	663600.213	2304603.500	70°56'5.841"E	20°51'51.800"N
38	BP-4/L	663400.606	2304502.636	70°56'6.670"E	20°51'57.977"N

LIST OF BENCH MARK CO-ORDINATE					
BM NO.	EASTING	NORTHING	LONGITUDE	LATITUDE	REMARK
BM-1	667002.438	2305553.479	70°56'40.680"E	20°51'31.920"N	25.342 STONE
BM-2	664900.250	2305441.291	70°55'51.581"E	20°51'38.897"N	17.647 STONE
BM-3	664904.556	2306736.599	70°55'51.781"E	20°51'13.939"N	25.914 STONE

CONTOUR STATEMENT	
Contour Interval	0.5 Mtr.
Highest Contour	36.0
Lowest Contour	17.0

Survey & Prepared by

Commissioner of Geology and Mining, Government of Gujarat
Block no. 15, Dr.Jivraj Mehta Bhavan,
Sector 10 Gandhinagar, Gujarat 382010

SURFACE GEOLOGICAL PLAN
LODHVA BLOCK
AREA - 299.114 Ha.