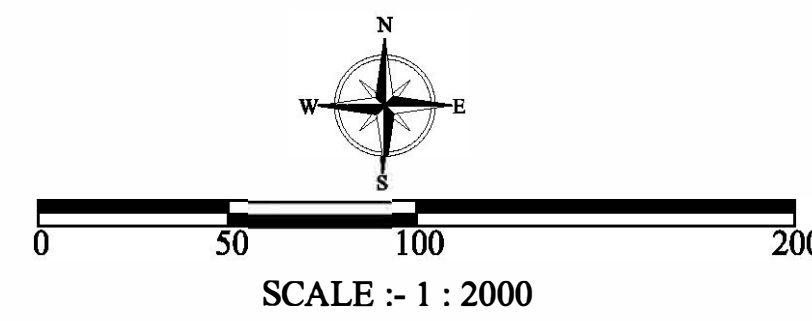


SURFACE GEOLOGICAL PLAN, BLOCK AREA HELD BY GUJARAT MINERAL RESEARCH & DEVELOPMENT SOCIETY
IN VILLAGE - MATANA, TALUKA - SUTRAPADA, DISTRICT - GIR-SOMNATH, STATE - GUJARAT.
MATANA BLOCK, AREA - 141.610 HA.



DATUM : WGS 84 PROJECTION : UTM ZONE 42

GEOLOGICAL INDEX		
SR.NO.	DESCRIPTION	SYMBOLS
1	ALLUVIUM SOIL (BLACK COTTON)	
2	MILJOITE LIMESTONE	
3	UNCONSOLIDATED (LOOSE) LIMESTONE	
4	SAMPLE DRAWN	
5	DUG WELL	
6	STRIKE & DIP	
7	MINE FACE	
8	INFECRED CONTACT OF LIMESTONE	
9	BLOCK BOUNDARY	
10	BOUNDARY PILLAR	
11	ROAD / CART TRACK	
12	CART TRACK	
13	CANAL	
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	

LIST OF DGPS BOUNDARY PILLAR CO-ORDINATE

SR.NO.	ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	BP-1	670084.791	2304334.951	70°38'4.390"E	20°49'52.180"N
2	BP-1/1	670272.215	2304394.600	70°38'15.899"E	20°49'54.885"N
3	BP-1/2	670459.752	2304464.249	70°38'17.408"E	20°49'56.588"N
4	BP-1/3	670647.233	2304533.898	70°38'23.916"E	20°49'58.790"N
5	BP-2	670855.337	2304612.895	70°38'31.280"E	20°50'1.280"N
6	BP-2/1	670951.713	2304662.713	70°38'38.850"E	20°49'56.867"N
7	BP-2/2	671124.088	2304312.851	70°38'40.335"E	20°49'51.440"N
8	BP-2/3	671256.464	2304162.919	70°38'44.850"E	20°49'46.528"N
9	BP-2/4	671388.840	2304013.006	70°38'49.380"E	20°49'41.807"N
10	BP-2/5	671521.216	2303863.084	70°38'53.907"E	20°49'36.688"N
11	BP-2/6	671653.592	2303713.162	70°38'58.432"E	20°49'31.769"N
12	BP-3	671781.085	2303568.772	70°39'2.790"E	20°49'27.080"N
13	BP-3/1	671658.581	2303467.563	70°38'56.786"E	20°49'23.799"N
14	BP-3/2	671436.079	2303366.354	70°38'50.780"E	20°49'20.569"N
15	BP-3/3	671263.578	2303265.146	70°38'44.780"E	20°49'17.333"N
16	BP-3/4	671091.076	2303165.157	70°38'38.780"E	20°49'14.088"N
17	BP-3/5	670918.575	2303062.718	70°38'32.782"E	20°49'10.864"N
18	BP-4	670777.089	2302979.717	70°38'27.860"E	20°49'8.210"N
19	BP-4/1	670685.571	2302877.550	70°38'24.758"E	20°49'4.428"N
20	BP-4/2	670594.052	2303335.382	70°38'21.695"E	20°49'19.837"N
21	BP-4/3	670502.535	2303513.215	70°38'18.553"E	20°49'25.650"N
22	BP-4/4	670411.016	2303691.048	70°38'15.400"E	20°49'31.463"N
23	BP-4/5	670319.498	2303868.880	70°38'12.248"E	20°49'37.279"N
24	BP-4/6	670227.980	2304046.713	70°38'9.245"E	20°49'43.088"N
25	BP-4/7	670136.462	2304224.546	70°38'6.142"E	20°49'48.907"N

LIST OF BENCH MARK CO-ORDINATE

BM NO.	EASTING	NORTHING	LONGITUDE	LATITUDE	ELEVATION	REMARK
BM-1	670883.197	2305066.788	70°39'10.107"E	20°50'15.889"N	18.117	OPEN END
BM-2	670902.998	2305054.491	70°39'10.387"E	20°50'15.017"N	18.108	OPEN END
BM-3	67094.705	2302861.781	70°38'23.271"E	20°49'18.279"N	18.000	ON STONE
BM-4	671812.718	2303013.778	70°39'03.902"E	20°49'28.484"N	12.011	WATER TANK

CONTOUR STATEMENT

Contour Interval	0.5 Mt.
Highest Contour	29.5
Lowest Contour	11.5

Survey & Prepared by



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

SURFACE GEOLOGICAL PLAN
MATANA BLOCK
AREA - 141.610 Ha.