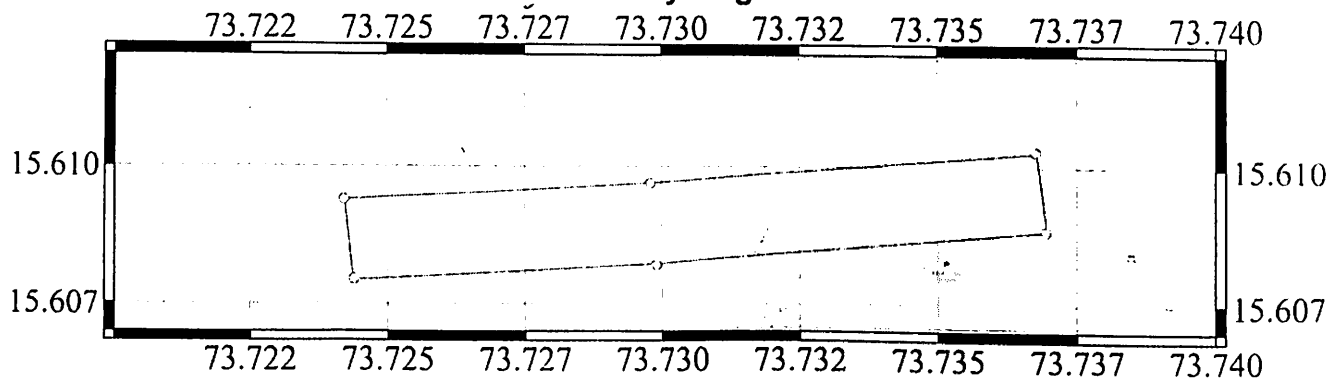


Zone1: Estuary Region

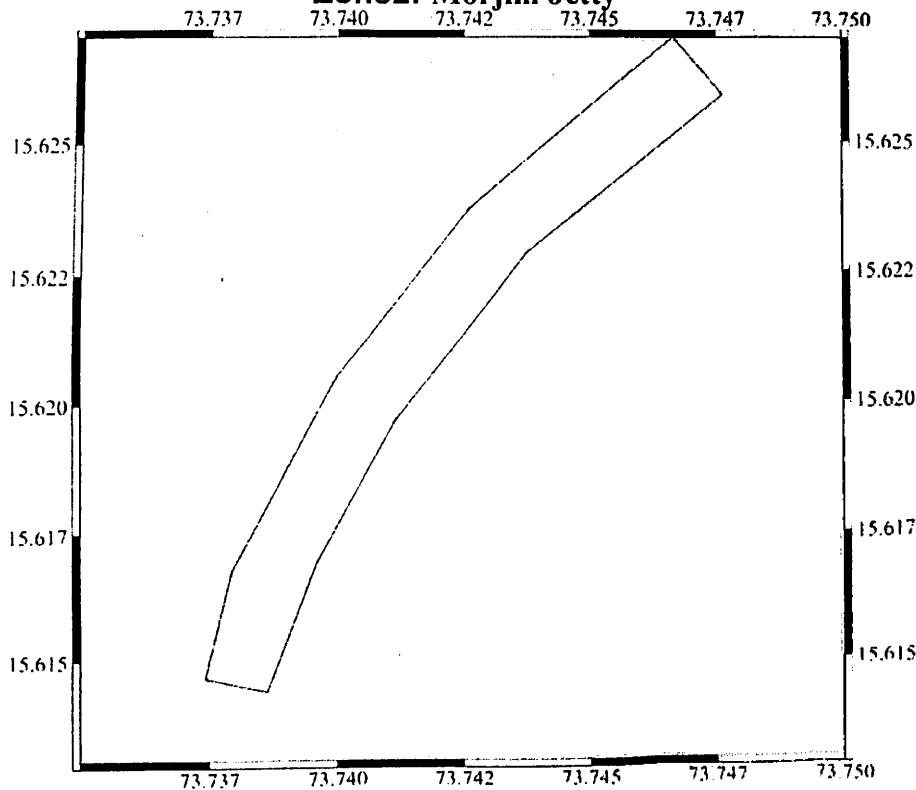


Total Area = 22.173 hectares

S.No	X (UTM)	Y (UTM)	Lon	Lat
1	3.632285E+05	1.726139E+06	7.372420E+01	1.560940E+01
2	3.638277E+05	1.726168E+06	7.372979E+01	1.560969E+01
3	3.645762E+05	1.726231E+06	7.373677E+01	1.561030E+01
4	3.645949E+05	1.726071E+06	7.373695E+01	1.560885E+01
5	3.638378E+05	1.726004E+06	7.372989E+01	1.560821E+01
6	3.632463E+05	1.725978E+06	7.372438E+01	1.560794E+01

Locations in both UTM and Geographic Coordinates

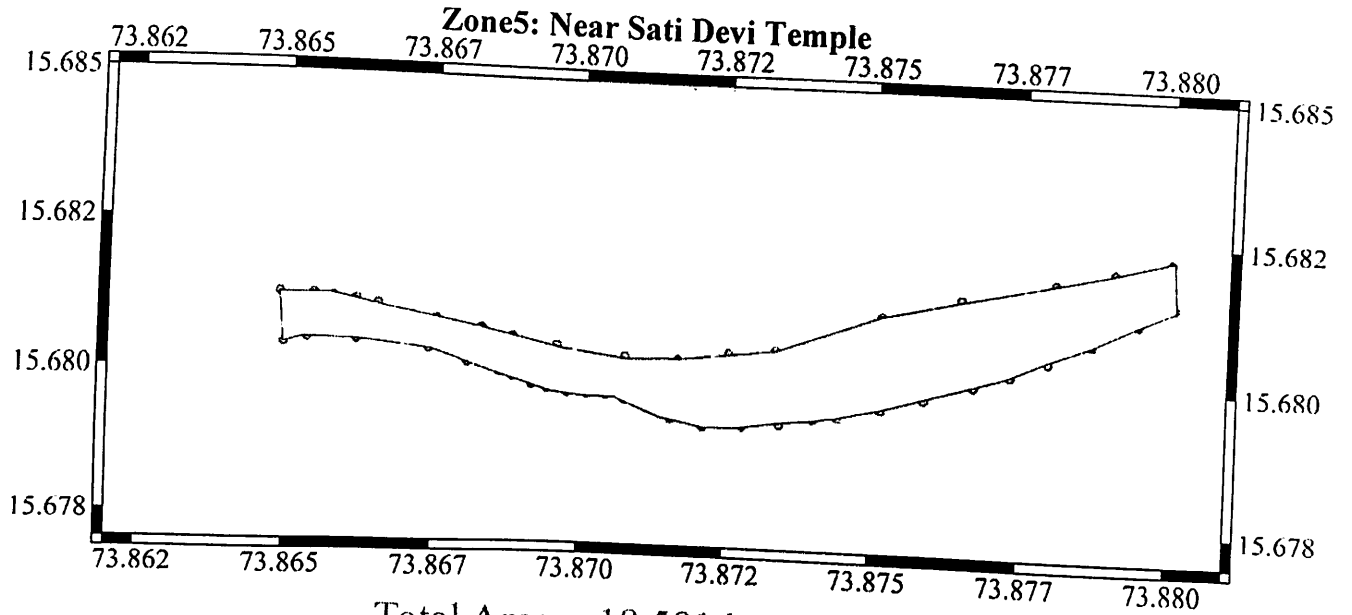
Zone2: Morjim Jetty



Total Area = 24.735 hectares

S. No.	X (UTM)	Y (UTM)	Lon	Lat
1	3.646459E+05	1.726718E+06	7.373739E+01	1.561470E+01
2	3.647081E+05	1.726949E+06	7.373796E+01	1.561679E+01
3	3.649321E+05	1.727362E+06	7.374002E+01	1.562053E+01

4	3.652126E+05	1.727714E+06	7.374262E+01	1.562373E+01
5	3.656482E+05	1.728068E+06	7.374666E+01	1.562696E+01
6	3.657503E+05	1.727949E+06	7.374762E+01	1.562589E+01
7	3.653362E+05	1.727617E+06	7.374378E+01	1.562286E+01
8	3.650509E+05	1.727268E+06	7.374114E+01	1.561969E+01
9	3.648854E+05	1.726974E+06	7.373961E+01	1.561703E+01
10	3.647749E+05	1.726688E+06	7.373859E+01	1.561444E+01
11	3.646459E+05	1.726718E+06	7.373739E+01	1.561470E+01

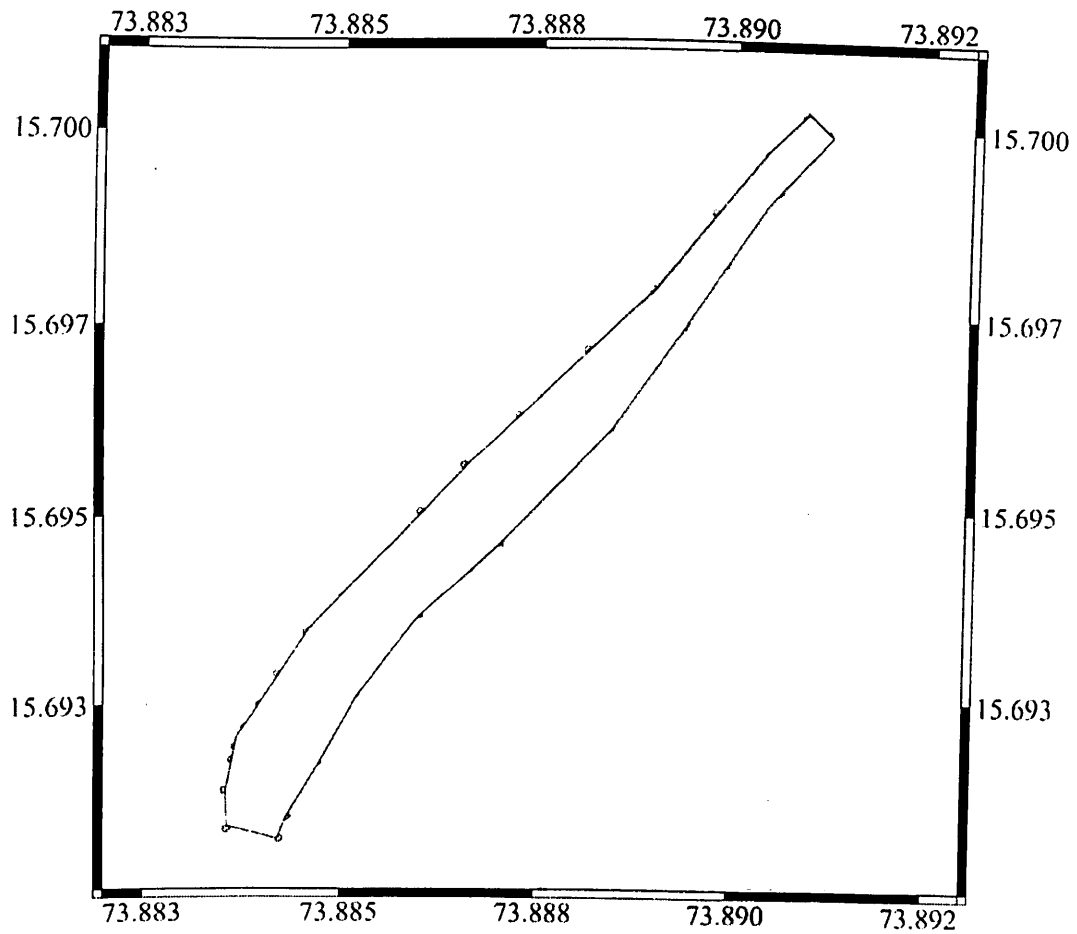


S. No.	X (UTM)	Y (UTM)	Lon	Lat
1	3.783527E+05	1.733999E+06	7.386487E+01	1.568121E+01
2	3.784131E+05	1.733997E+06	7.386543E+01	1.568120E+01
3	3.784496E+05	1.733993E+06	7.386577E+01	1.568116E+01
4	3.784902E+05	1.733987E+06	7.386615E+01	1.568111E+01
5	3.785300E+05	1.733979E+06	7.386652E+01	1.568104E+01
6	3.786364E+05	1.733952E+06	7.386752E+01	1.568080E+01
7	3.787193E+05	1.733936E+06	7.386829E+01	1.568066E+01
8	3.787759E+05	1.733922E+06	7.386882E+01	1.568054E+01
9	3.788573E+05	1.733907E+06	7.386958E+01	1.568041E+01
10	3.789833E+05	1.733890E+06	7.387076E+01	1.568026E+01
11	3.790811E+05	1.733889E+06	7.387167E+01	1.568025E+01
12	3.791744E+05	1.733903E+06	7.387254E+01	1.568039E+01
13	3.792604E+05	1.733911E+06	7.387334E+01	1.568046E+01
14	3.794538E+05	1.733983E+06	7.387514E+01	1.568112E+01
15	3.795975E+05	1.734019E+06	7.387648E+01	1.568146E+01
16	3.797667E+05	1.734055E+06	7.387806E+01	1.568178E+01
17	3.798744E+05	1.734078E+06	7.387906E+01	1.568200E+01
18	3.799758E+05	1.734103E+06	7.388000E+01	1.568223E+01
19	3.799846E+05	1.734016E+06	7.388009E+01	1.568144E+01
20	3.799186E+05	1.733982E+06	7.387948E+01	1.568113E+01
21	3.798349E+05	1.733940E+06	7.387870E+01	1.568075E+01
22	3.797556E+05	1.733906E+06	7.387796E+01	1.568044E+01
23	3.796878E+05	1.733878E+06	7.387733E+01	1.568018E+01
24	3.796212E+05	1.733857E+06	7.387671E+01	1.567999E+01
25	3.795319E+05	1.733829E+06	7.387588E+01	1.567973E+01
26	3.794533E+05	1.733807E+06	7.387514E+01	1.567953E+01
27	3.793748E+05	1.733790E+06	7.387441E+01	1.567937E+01

28	3.793299E+05	1.733785E+06	7.387399E+01	1.567932E+01
29	3.792691E+05	1.733772E+06	7.387343E+01	1.567920E+01
30	3.792012E+05	1.733766E+06	7.387279E+01	1.567915E+01
31	3.791287E+05	1.733764E+06	7.387212E+01	1.567913E+01
32	3.790697E+05	1.733776E+06	7.387157E+01	1.567923E+01
33	3.790520E+05	1.733784E+06	7.387140E+01	1.567931E+01
34	3.790252E+05	1.733797E+06	7.387115E+01	1.567941E+01
35	3.789838E+05	1.733811E+06	7.387076E+01	1.567954E+01
36	3.789490E+05	1.733819E+06	7.387044E+01	1.567962E+01
37	3.789147E+05	1.733820E+06	7.387012E+01	1.567962E+01
39	3.788774E+05	1.733821E+06	7.386977E+01	1.567963E+01
40	3.788406E+05	1.733828E+06	7.386943E+01	1.567969E+01
41	3.788119E+05	1.733833E+06	7.386916E+01	1.567973E+01
42	3.787759E+05	1.733848E+06	7.386882E+01	1.567986E+01
43	3.787519E+05	1.733856E+06	7.386860E+01	1.567994E+01
44	3.786932E+05	1.733873E+06	7.386805E+01	1.568009E+01
45	3.786228E+05	1.733895E+06	7.386739E+01	1.568029E+01
46	3.784920E+05	1.733912E+06	7.386617E+01	1.568043E+01
47	3.784021E+05	1.733916E+06	7.386533E+01	1.568047E+01
48	3.783607E+05	1.733908E+06	7.386495E+01	1.568039E+01

Locations in both UTM and Geographic Coordinates

Zone6: Ozorim Tormas Bridge



Total Area = 11.165 hectares

S. No.	X (UTM)	Y (UTM)	Lon	Lat
1	3.803617E+05	1.735052E+06	7.388356E+01	1.569082E+01
2	3.803587E+05	1.735110E+06	7.388353E+01	1.569135E+01
3	3.803683E+05	1.735156E+06	7.388362E+01	1.569176E+01
4	3.803738E+05	1.735174E+06	7.388367E+01	1.569193E+01
5	3.803860E+05	1.735203E+06	7.388378E+01	1.569219E+01
6	3.804057E+05	1.735236E+06	7.388396E+01	1.569249E+01
7	3.804299E+05	1.735279E+06	7.388418E+01	1.569288E+01
8	3.804697E+05	1.735338E+06	7.388455E+01	1.569342E+01
9	3.805193E+05	1.735389E+06	7.388501E+01	1.569388E+01
10	3.805722E+05	1.735446E+06	7.388550E+01	1.569440E+01
11	3.806242E+05	1.735516E+06	7.388599E+01	1.569503E+01
12	3.806837E+05	1.735582E+06	7.388654E+01	1.569564E+01
13	3.807582E+05	1.735654E+06	7.388723E+01	1.569628E+01
14	3.808533E+05	1.735745E+06	7.388811E+01	1.569711E+01
15	3.809435E+05	1.735831E+06	7.388895E+01	1.569789E+01
16	3.810277E+05	1.735943E+06	7.388973E+01	1.569891E+01
17	3.810997E+05	1.736026E+06	7.389040E+01	1.569966E+01
18	3.811504E+05	1.736083E+06	7.389087E+01	1.570018E+01
19	3.811801E+05	1.736055E+06	7.389115E+01	1.569994E+01

20	3.811149E+05	1.735970E+06	7.389054E+01	1.569916E+01
21	3.810432E+05	1.735868E+06	7.388988E+01	1.569823E+01
22	3.809882E+05	1.735778E+06	7.388937E+01	1.569742E+01
23	3.808858E+05	1.735633E+06	7.388842E+01	1.569610E+01
24	3.807343E+05	1.735467E+06	7.388702E+01	1.569459E+01
25	3.806915E+05	1.735429E+06	7.388662E+01	1.569425E+01
26	3.806229E+05	1.735361E+06	7.388598E+01	1.569363E+01
27	3.805359E+05	1.735250E+06	7.388517E+01	1.569263E+01
28	3.804852E+05	1.735152E+06	7.388471E+01	1.569174E+01
29	3.804438E+05	1.735070E+06	7.388432E+01	1.569100E+01
30	3.804327E+05	1.735037E+06	7.388422E+01	1.569070E+01
31	3.803617E+05	1.735052E+06	7.388356E+01	1.569082E+01

Locations in both UTM and Geographic Coordinates

S. No	Region	Area (hectares)	Volume (Cubic)	Weight (Tons)	Volume for 3-meter Thickness (Cubic m)	Weight (Tons) for 3-meter thickness
1	Estuary region	22.173	524283	1389350	357072	571316
2	Morjim jetty	27.735	1674221	2678753	1037146	1659434
3	Sateri Temple - Part1	21.738	404643	647430	127122	203395
4	Sateri Temple - Part2	16.056	291343	517944	101698	162716
4	Railway Bridge Revora	16.388	610894	977431	302923	484676
5	Near Sati Devi Temple	18.581	544284	870855	341031	545650
6	Ozorum Tormas Bridge	11.165	1028294	1645271	1028294	1645271

Area(hectares), Volume (Cubic m) and Weight (Ton) in selected regions and volume (cubic m) and weight (ton) within 3meter mining depth