

LIST OF FIGURES

Sr. No.	Fig.No.	Description	Page No.
1	Fig. 1.1	Location map of Koheda area.	4
2	Fig. 1.2	Geological map of Koheda area.	8
3	Fig. 2.1	Shows the location of rock samples were collected from Koheda area.	22
4	Fig. 2.2	Shows the location of soil samples were collected from Koheda area.	23
5	Fig. 2.3	Shows the location of lake sediment samples were collected from Koheda area.	25
6	Fig. 3.1	Shows districution of major oxides in various samples of granites from Koheda area.	48
7	Fig. 3.2a	Shows AFM diagram for Koheda granites having calc-alkaline trend (after Nockold and Allen 1953).	54
8	Fig. 3.2b	Shows Qtz - Ab - Or plot for Koheda rocks which fall in granite field (after Tuttle and Bowen 1958).	54
9	Fig. 3.2c	Shows alkali - silica plot for the granites of Koheda granites indicate their sub-alkaline nature (after Iruine and Baragar 1971).	55
10	Fig. 3.3a	Shows CaO - Na ₂ O - K ₂ O diagram showing the distribution of compositions	55

Sr. No.	Fig.No.	Description	Page No.
		of granitic rocks from Koheda area. Rocks from Koheda fall under granite and quartz monzonite nature.	
11	Fig. 3.3b	Shows variation diagram for granitic rocks of Koheda area. Weight % of oxides plotted against Larsen Index (adopted from Taylor et al 1984).	57
12	Fig. 3.4	Shows distribution of trace elements of granites from Koheda area.	60
13	Fig. 3.5	Shows variation diagram of trace constituents for Koheda granites plotted against Larsen Index (adopted from Taylor et al 1984).	64
14	Fig. 4.1	Shows the distribution of pH in soils of Koheda area.	81
15	Fig. 4.2	Shows the distribution of Fe in soils of Koheda area.	85
16	Fig. 4.3	Shows the distribution of Mn in soils of Koheda area.	86
17	Fig. 4.4	Shows the distribution of Ni in soils of Koheda area.	88
18	Fig. 4.5	Shows the distribution of Cr in soils of Koheda area.	90

Sr. No.	Fig.No.	Description	Page No.
19	Fig. 4.6	Shows the distribution of Co in soils of Koheda area.	91
20	Fig. 4.7	Shows the distribution of Cu in soils of Koheda area.	95
21	Fig. 4.8	Shows the distribution of Pb in soils of Koheda area.	96
22	Fig. 4.9	Shows the distribution of Zn in soils of Koheda area.	98
23	Fig. 4.10	Shows the distribution of Mo in soils of Koheda area.	101
24	Fig. 4.11	Shows the distribution of W in soils of Koheda area.	102
25	Fig. 5.1	Shows the distribution of Cu in the lake sediments from Koheda area.	112
26	Fig. 5.2	Shows the distribution of Pb in the lake sediments from Koheda area.	113
27	Fig. 5.3	Shows the distribution of Zn in the lake sediments from Koheda area.	114
28	Fig. 5.4	Shows the distribution of Co in the lake sediments from Koheda area.	115
29	Fig. 5.5	Shows the distribution of Cr in the lake sediments from Koheda area.	116
30	Fig. 5.6	Shows the distribution of Ni in the lake sediments from Koheda area.	117

Sr. No.	Fig.No.	Description	Page No.
31	Fig. 5.7	Shows the distribution of Fe in the lake sediments from Koheda area.	118
32	Fig. 5.8	Shows the distribution of Mn in the lake sediments from Koheda area.	119
33	Fig. 5.9	Shows the distribution of Mo in the lake sediments from Koheda area.	120
34	Fig. 5.10	Shows the distribution of W in the lake sediments from Koheda area.	121
35	Fig. 5.11	Shows the combination of anomalous areas of various elements in the lake sediments from Koheda area.	124
36	Fig. 5.12	Shows the location of selected lake chains in Koheda area.	126
37	Fig. 5.13	Distribution of Zn, Co, Cu, Mo and W along the lake chain I.	129
38	Fig. 5.14	Distribution of Zn, Co, Cu, Mo and W along the lake chain II.	130
39	Fig. 5.15	Distribution of Zn, Co, Cu, Mo and W along the lake chain III.	131
40	Fig. 5.16	Distribution of Zn, Co, Cu, Mo and W along the lake chain IV.	132

