

APPENDIX I

Residual Soils (A) No. of Samples: 1416

<u>Element</u>	<u>Range of Values</u>	<u>Mean (m)</u>	<u>Standard Deviation (σ)</u>	<u>m + 2 σ</u>	<u>Critical Points</u>
Cu	0 - 440	26.41	27.27	81	80, 130, 180
Pb	9 - 1300	59.09	78.56	216	105, 350, 435
Zn	4 - 2800	109.46	172.20	545	105, 275
Ni	0 - 5000	107.83	387.79	883	78, 333, 2000
Sn	0 - 1600	18.03	50.91	120	13, 45, 98, 150
i) Hg	0 - 250	40.82	51.63	144	None
ii) Mn	10 - >1%	N/A	N/A	N/A	53, 120, 500, 1480

Note: (i) Statistics for Hg samples are based on 158 samples.

(ii) Statistics for Mn samples are based on 272 samples, m and σ not applicable as values >1% were not taken into account.

The contour levels were selected by inspection with the assistance of the cumulative frequency plots.

Cu	35	80	130
Pb	105	220	430
Zn	105	270	450
Ni	80	330	2000
Sn	45	90	120
Mn	500	1000	2000