

APPENDIX - V
(i)

Trace constituents of litho-units in Amliyara profile

(Values in ppm)

Sample No.	Litho unit	Mn	Pb	Ni	Co	Cu	Zn	Cr	V	Zr
1.	Duricrust 3.60 m	114	69	64	78	81	99	202	248	197
2.	Bauxitic laterite 1.50 m	95	61	54	62	96	83	224	448	190
3.	Bauxite 0.40 m	87	82	80	74	79	89	213	319	185
4.	Ferruginous Kaolinite 0.50 m	53	79	65	83	61	94	217	433	174
5.	Bentonite 4.25 m	41	77	73	74	78	89	198	429	167
6.	Weathered Basalt 0.20 m	28	71	56	58	61	89	195	417	193
7.	Fresh Basalt	22	58	70	52	94	81	185	330	185
8.	Basalt at 60 m depth	30	63	84	52	72	85	182	318	162

APPENDIX - V
(ii)

Trace constituents of litho-units in
Amliyara bore hole profile
(Value in ppm)

Sample No.	Litho unit	Mn	Pb	Ni	Co	Cu	Zn	Cr	V	Zr
9.	Duricrust 5.45 m	96	59	72	87	76	93	107	346	187
10	Unindurated laterite 2.05 m	78	41	65	74	89	82	125	331	192
11.	Bauxitic laterite 1.30 m	41	67	94	93	77	87	122	491	186
12.	Ferruginous Kaolinite 1.30 m	32	91	91	107	84	83	111	398	163
13.	Weathered Basalt with Bentonite 1.00 m	44	49	79	112	71	82	103	387	140
14.	Fresh Basalt	28	42	81	58	64	78	96	217	149

APPENDIX - V
(iii)

Trace constituents of litho-units in Amliyara quarry

(Values in ppm)

Sample No.	Litho unit	Mn	Pb	Ni	Co	Cu	Zn	Cr	V	Zr
15.	Reworked Laterite 2.00 m	21	44	70	51	101	148	102	345	114
16.	Reworked Bauxite 2.00 m	189	29	56	38	62	61	114	362	85
17.	Calcareous, Siliceous & Clay materials along fractures	19	33	79	73	62	71	189	712	129

APPENDIX - V
(iv)

Trace constituents of litho-units in Manjlau profile

(Values in ppm)

Sample No.	Litho unit	Mn	Pb	Ni	Co	Cu	Zn	Cr	V	Zr
18.	Duricrust 2.00 m	20	78	75	78	114	79	211	672	179
19.	Bauxitic laterite 0.50 m	24	37	79	49	221	125	171	625	163
20.	Lateritic Bauxite 3.00 m	31	44	75	39	126	80	167	562	159
21.	Lithomarge 2.50 m	18	41	70	35	103	107	124	417	142
22.	Transitional zone 0.50 m	19	52	79	49	91	70	73	394	149
23.	Kaolinite 0.25 m	16	26	61	23	150	94	99	341	135
24.	Bentonite 0.40 m	56	58	89	38	112	123	115	531	143
25.	Bentonite with spheroidal structure 0.75 m	21	48	75	38	151	150	134	428	117
26.	Weathered Basalt 0.50 m	35	48	84	51	250	94	97	212	96
27.	Basalt	32	32	91	48	262	92	87	202	84

APPENDIX - V
(v)

Trace constituents of litho-units in Tarbhon profile

(Values in ppm)

Sample No.	Litho unit	Mn	Pb	Ni	Co	Cu	Zn	Cr	V	Zr
28.	Duricrust 2.50 m	11	52	93	116	87	52	167	591	198
29.	Unindurated laterite 2.00 m	8	26	136	65	112	40	139	479	217
30.	Lithomarge 2.50 m	9	22	56	49	194	15	142	362	177
31.	Ferruginous Kaolinite 0.50 m	10	37	112	83	114	49	87	117	137
32.	Transitional zone 0.50 m	12	22	79	65	114	60	106	295	114
33.	Bentonite 0.60 m	8	48	84	49	61	51	117	366	87
34.	Basalt	7	35	95	42	99	50	98	314	81