

**Details of Summarized lithologs of Boreholes drilled by MECL in
Bangaragunta Sub block of Bargur Block, District - Krishnagiri, Tamil Nadu**

BH. No. MBG-01			
From (m)	To (m)	Thickness (m)	Summerised Lithology
0.00	3.00	3.00	Earthy brownish grey top Soil. @ 3.0m-6.0m loose Soil with sludge fragments of quartz-feldspar
3.00	6.00	3.00	Loose soil with sludge fragments quartz feldspar followed by highly weathered fractured Biotite Hb gniess
6.00	21.30	15.30	Lihgt to grey Biotite hornblede gneiss, fractured at places @ 12.60m-13.10 m Quartz vein barren
21.30	28.80	7.50	Light to dark grey Altered biotite hornblende gneiss with quartz veins at fractures limonite
28.80	31.20	2.40	Light to greenish grey Amphibolite with occ. quartz veins and occ. Silicified bands/ Amphibolite
31.20	33.90	2.70	Greenish grey Silicified Amphibolite, schistose
33.90	56.55	22.65	Greenish to dark grey Amphibolite with occ. quartz veins and occ. Silicified bands/ Amphibolite
56.55	58.75	2.20	Greenish to dark grey Silicified Amphibolite, schistose
58.75	63.75	5.00	Greenish to dark grey Amphibolite, schistose
63.75	65.80	2.05	Greenish to dark grey silicified Amphibolite, schistose
65.80	80.40	14.60	Greenish to dark grey Amphibolite occasionally silicified with quartz veins. @ 72.75m.-80.40m sulphide (pyrite, pyrrhotite) zone
80.40	82.10	1.70	Light to greenish grey Silicified Amphibolite, schistose @ 80.40-82.10 sulphide disseminations (pyrite, pyrrhotite)
82.10	101.15	19.05	Greenish grey Amphibolite, at places silicified and with quatz/carbonate veins. @ 82.10-101.15m sulphide disseminations/specks (pyrite, pyrrhotite)
101.15	107.10	5.95	Grenish to dark grey silicified Amphibolite. Schistose, at places silicified and with quartz veins @ 101.15-107.10 sulphide disseminations/specks (pyrite, pyrrhotite)
107.10	114.00	6.90	Grenish to dark grey Amphibolite. @ 107.10-114m sulphide disseminations/specks (pyrite, pyrrhotite)
BH. No. MBG-02			
From (m)	To (m)	Thickness (m)	Summerised Lithology
0.00	3.00	3.00	Earthy brown top soil
3.00	6.70	3.70	Sludge with fragments of Biotite hornblende gneiss
6.70	16.00	9.30	Greyish green/light grey Hornbledge/epidote/biotite gneiss
16.00	22.00	6.00	Greyish white/light grey Altered biotite hornblende gneiss , fractured
22.00	22.30	0.30	Greyish green Hornbledge biotite gneiss with quatz veins
22.30	27.25	4.95	Greyish green Altered biotite hornblende gneiss , fractured
27.25	49.00	21.75	Light to greyish grey/green Amphibolite with quatz veins at places. Silicified at places, mostly schistose. @ 34.00m-40.0m sulphide disseminations (pyrite)
49.00	67.00	18.00	Greenish grey Amphibolite
67.00	133.00	66.00	Light to greyish grey/green Amphibolite with quatz veins at places. Silicified at places, mostly schistose. Sulphide dissiminations (pyrite, pyrrhotite)