

**DETAILS OF SUMMARIZED LITHOLOGS OF BOREHOLES DRILLED BY
MECL IN ANVARAPAT BLOCK, DISTRICT-LOHARDAGA, JHARKHAND**

BH No	From (m)	To (m)	Zone Thickness (m)	Lithology
MAP-01	0.00	1.30	1.30	Lateritic Soil
	1.30	1.50	0.20	Laterite
	1.50	2.10	0.60	Bauxite
	2.10	6.40	4.30	Aluminous Laterite
	6.40	7.10	0.70	Bauxite
	7.10	8.50	1.40	Aluminous Laterite
	8.50	9.10	0.60	Bauxite
	9.10	30.50	21.40	Aluminous Clay

BH No	From (m)	To (m)	Zone Thickness (m)	Lithology
MAP-02	0.00	2.70	2.70	Lateritic Soil
	2.70	4.50	1.80	Aluminous laterite
	4.50	30.50	26.00	Aluminous Clay

BH No	From (m)	To (m)	Zone Thickness (m)	Lithology
MAP-03	0.00	1.20	1.20	Lateritic Soil
	1.20	3.00	1.80	Aluminous laterite
	3.00	30.00	27.00	Aluminous Clay

BH No	From (m)	To (m)	Zone Thickness (m)	Lithology
MAP-04	0.00	0.50	0.50	Lateritic Soil
	0.50	4.00	3.50	Aluminous laterite
	4.00	6.00	2.00	Bauxite
	6.00	7.50	1.50	Aluminous laterite
	7.50	15.00	7.50	Bauxite
	15.00	17.00	2.00	Aluminous laterite
	17.00	20.40	3.40	Bauxite
	20.40	30.00	9.60	Aluminous Clay

BH No	From (m)	To (m)	Zone Thickness (m)	Lithology
MAP-05	0.00	0.50	0.50	Lateritic Soil
	0.50	1.00	0.50	Aluminous laterite
	1.00	3.00	2.00	Bauxite
	3.00	6.00	3.00	Aluminous laterite
	6.00	18.70	12.70	Bauxite
	18.70	30.00	11.30	Aluminous Clay

BH No	From (m)	To (m)	Zone Thickness (m)	Lithology
MAP-06	0.00	0.40	0.40	Lateritic Soil
	0.40	5.80	5.40	Aluminous laterite
	5.80	14.00	8.20	Bauxite
	14.00	28.00	14.00	Aluminous Clay

BH No	From (m)	To (m)	Zone Thickness (m)	Lithology
MAP-07	0.00	0.30	0.30	Lateritic Soil
	0.30	15.00	14.70	Aluminous Clay

BH No	From (m)	To (m)	Zone Thickness (m)	Lithology
MAP-08	0.00	5.00	5.00	Lateritic Soil
	5.00	23.00	18.00	Aluminous Clay

BH No	From (m)	To (m)	Zone Thickness (m)	Lithology
MAP-09	0.00	2.50	2.50	Lateritic Soil
	2.50	3.50	1.00	Aluminous laterite
	3.50	5.00	1.50	Aluminous Clay
	5.00	6.00	1.00	Aluminous laterite
	6.00	15.00	9.00	Aluminous Clay

BH No	From (m)	To (m)	Zone Thickness (m)	Lithology
MAP-10	0.00	0.50	0.50	Lateritic Soil
	0.50	1.50	1.00	Aluminous laterite
	1.50	4.50	3.00	Bauxite
	4.50	6.00	1.50	Aluminous laterite
	6.00	16.00	10.00	Aluminous Clay

BH No	From (m)	To (m)	Zone Thickness (m)	Lithology
MAP-11	0.00	1.00	1.00	Lateritic Soil
	1.00	3.00	2.00	Aluminous laterite
	3.00	19.00	16.00	Aluminous Clay

BH No	From (m)	To (m)	Zone Thickness (m)	Lithology
MAP-12	0.00	4.50	4.50	Lateritic Soil
	4.50	12.50	8.00	Aluminous laterite
	12.50	22.50	10.00	Bauxite
	22.50	23.50	1.00	Aluminous laterite
	23.50	30.00	6.50	Aluminous Clay

BH No	From (m)	To (m)	Zone Thickness (m)	Lithology
MAP-13	0.00	3.00	3.00	Lateritic Soil
	3.00	10.00	7.00	Aluminous Clay
	10.00	22.50	12.50	Aluminous laterite
	22.50	25.00	2.50	Bauxite
	22.50	49.00	26.50	Aluminous Clay
	49.00	50.00	1.00	Weathered Granite

BH No	From (m)	To (m)	Zone Thickness (m)	Lithology
MAP-14	0.00	0.50	0.50	Lateritic Soil
	0.50	15.50	15.00	Bauxite
	15.50	30.00	14.50	Aluminous Clay

BH No	From (m)	To (m)	Zone Thickness (m)	Lithology
MAP-15	0.00	2.50	2.50	Lateritic Soil
	2.50	5.00	2.50	Bauxite
	5.00	9.00	4.00	Aluminous laterite
	9.00	14.00	5.00	Bauxite
	14.00	15.50	1.50	Aluminous laterite
	15.50	19.50	4.00	Bauxite
	19.50	30.00	10.50	Aluminous Clay

BH No	From (m)	To (m)	Zone Thickness (m)	Lithology
MAP-16	0.00	3.50	3.50	Lateritic Soil
	3.50	5.00	1.50	Aluminous Clay
	5.00	13.50	8.50	Aluminous laterite
	13.50	19.50	6.00	Bauxite
	19.50	39.00	19.50	Aluminous Clay

BH No	From (m)	To (m)	Zone Thickness (m)	Lithology
MAP-17	0.00	0.50	0.50	Lateritic Soil
	0.50	6.50	6.00	Aluminous laterite
	6.50	9.00	2.50	Bauxite
	9.00	11.50	2.50	Aluminous laterite
	11.50	14.75	3.25	Bauxite
	14.75	30.00	15.25	Aluminous Clay

BH No	From (m)	To (m)	Zone Thickness (m)	Lithology
MAP-18	0.00	4.50	4.50	Lateritic Soil
	4.50	7.50	3.00	Bauxite
	7.50	11.50	4.00	Aluminous laterite
	11.50	20.00	8.50	Bauxite
	20.00	43.00	23.00	Aluminous Clay