

**Details of Analytical Results for Whole rock analysis, Bargur Block, Krishnagiri District, Tamil Nadu**

Sl No	Sample No.	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	Fe <sub>2</sub> O <sub>3</sub> %	TiO <sub>2</sub> %	MnO%	CaO%	Na <sub>2</sub> O%	K <sub>2</sub> O%	MgO%	P <sub>2</sub> O <sub>5</sub> %	CO <sub>2</sub> %	S%	H <sub>2</sub> O%	Lithology
1	MBBR/WH1	51.01	12.72	12.98	0.81	0.26	11.15	3.80	0.91	5.00	0.32	0.18	0.01	0.41	Granodiorite/Granitoids
2	MBBR/WH2	62.28	16.51	5.21	0.38	0.06	2.48	2.93	3.94	2.23	0.09	1.75	0.53	0.87	Meta chert
3	MBBR/WH3	61.88	0.80	27.01	0.04	0.98	3.40	0.17	0.05	3.35	0.05	0.21	0.97	0.50	Banded Iron formation
4	MBBR/WH4	43.41	13.11	16.23	1.00	0.32	17.10	1.76	0.17	6.04	0.11	<0.10	0.05	0.21	Granodiorite/Granitoids
5	MBBR/WH5	42.70	13.15	16.29	1.08	0.31	17.27	1.70	0.17	5.95	0.09	0.10	0.05	0.42	Amphibolite
6	MBBR/WH6	44.07	11.60	20.54	1.25	0.40	12.52	2.70	0.32	5.19	0.13	<0.10	0.10	0.44	Amphibolite
7	MBBR/WH7	47.73	12.02	15.67	0.97	0.39	15.01	2.08	0.23	4.10	0.14	0.10	0.06	0.91	Amphibolite
8	MBBR/WH8	43.59	14.53	19.37	1.55	0.28	11.55	2.56	0.73	4.53	0.14	<0.10	0.15	0.49	Basic Dolerite dyke
9	MBBR/WH9	42.03	12.23	12.86	0.41	0.31	22.39	0.84	0.10	7.66	0.06	<0.10	0.03	0.53	Amphibolite
10	MBBR/WH10	68.23	15.73	2.64	0.30	0.04	3.52	4.57	3.38	0.72	0.13	0.10	0.01	0.20	Granodiorite/Granitoids