

Comparison of Borehole core Primary Sample Analysis Vs External Check Sample Analysis for Copper, Lead, Zinc, Nickel, Molybdenum, Cobalt & Tungsten in Thakurdih Area-I Block, District-East Singhbhum, Jharkhand.

Primary Sample No.	External Check Sample No.	Depth (m)		Thickness (m)	Cu (%)			Pb (%)		Zn (%)		Ni (%)		Mo (%)		Co (%)		W (%)	
		From	To		Primary	Check	Diff. (Check-Primary)	Primary	Check	Primary	Check	Primary	Check	Primary	Check	Primary	Check	Primary	Check
MTB-01/03	MTB01CH01	42.50	43.00	0.50	0.111	0.080	-27.602	<0.01	0.008	0.008	0.005	0.121	0.048	<0.01	0.001	0.011	0.006	<0.01	ND
MTB-01/10	MTB01CH02	52.50	53.00	0.50	0.021	0.020	-3.382	<0.01	0.006	0.011	0.006	0.037	0.015	<0.01	ND	0.007	0.003	0.006	ND
MTB-01/14	MTB01CH03	54.50	55.00	0.50	0.203	0.170	-16.256	<0.01	0.009	0.007	0.006	0.027	0.013	<0.01	ND	0.008	0.005	<0.01	ND
MTB-02/02	MTB02CH01	23.00	23.50	0.50	0.060	0.030	-50.000	<0.01	0.006	0.007	0.004	0.099	0.029	<0.01	ND	0.006	0.005	<0.01	ND
MTB-02/11	MTB02CH02	66.50	67.00	0.50	0.045	0.030	-32.886	<0.01	0.009	0.006	0.004	0.053	0.018	<0.01	ND	0.005	0.007	<0.01	0.002
MTB-02/19	MTB02CH03	82.00	82.50	0.50	0.812	0.420	-48.257	<0.01	0.011	0.006	0.004	0.111	0.042	0.006	0.002	0.025	0.015	<0.01	ND
MTB-02/25	MTB02CH04	85.00	85.50	0.50	0.409	0.280	-31.473	<0.01	0.011	0.010	0.005	0.077	0.025	0.008	0.002	0.027	0.012	<0.01	ND
MTB-03/13	MTB03CH01	43.00	44.00	1.00	0.222	0.190	-14.453	<0.01	0.010	0.007	0.003	0.020	0.008	0.007	0.004	0.012	0.009	<0.01	ND
MTB-03/21	MTB03CH02	52.50	53.00	0.50	0.936	0.630	-32.671	<0.01	0.011	<0.01	0.003	0.028	0.014	<0.01	ND	0.015	0.011	<0.01	ND
MTB-03/22	MTB03CH03	53.00	53.50	0.50	0.068	0.090	33.136	<0.01	0.009	0.011	0.003	0.016	0.006	<0.01	ND	0.010	0.008	<0.01	0.004
MTB-03/52	MTB03CH04	76.50	77.00	0.50	0.084	0.090	7.271	<0.01	0.010	<0.01	0.002	0.030	0.014	<0.01	ND	0.008	0.009	<0.01	0.001
MTB-03/58	MTB03CH05	79.40	79.80	0.40	1.340	0.810	-39.566	<0.01	0.008	<0.01	0.003	0.025	0.013	<0.01	0.002	0.019	0.011	<0.01	ND
MTB-03/61	MTB03CH06	81.20	81.60	0.40	0.521	0.320	-38.591	<0.01	0.010	0.005	0.004	0.023	0.011	<0.01	ND	0.017	0.011	<0.01	ND
MTB-03/64	MTB03CH07	104.70	105.20	0.50	0.741	0.550	-25.746	<0.01	0.007	<0.01	0.003	0.027	0.014	<0.01	ND	0.012	0.009	<0.01	0.001
MTB-04/13	MTB04CH01	52.50	53.00	0.50	0.411	0.310	-24.648	<0.01	0.009	0.006	0.003	0.078	0.049	<0.01	0.003	0.027	0.018	<0.01	ND
MTB-04/17	MTB04CH02	54.50	55.00	0.50	0.890	0.600	-32.569	<0.01	0.011	<0.01	0.004	0.138	0.100	0.005	0.003	0.041	0.033	<0.01	ND
MTB-04/18	MTB04CH03	55.00	55.50	0.50	0.768	0.510	-33.628	<0.01	0.010	0.006	0.003	0.121	0.079	0.005	0.004	0.034	0.026	<0.01	ND
MTB-04/32	MTB04CH04	62.00	62.50	0.50	1.110	0.800	-27.947	<0.01	0.008	0.005	0.004	0.055	0.035	<0.01	ND	0.024	0.015	<0.01	ND
MTB-04/37	MTB04CH05	64.50	65.00	0.50	0.693	0.540	-22.033	<0.01	0.009	0.006	0.004	0.056	0.036	<0.01	ND	0.026	0.018	<0.01	ND
MTB-04/59	MTB04CH06	77.50	78.25	0.75	0.336	0.250	-25.507	<0.01	0.008	0.009	0.007	0.021	0.009	<0.01	0.001	0.009	0.008	<0.01	0.010
MTB-05/19	MTB05CH01	80.50	81.00	0.50	0.868	0.800	-7.877	<0.01	0.005	0.005	0.009	0.016	0.008	0.006	0.003	0.007	0.007	<0.01	ND
MTB-05/20	MTB05CH02	81.00	81.50	0.50	1.297	1.040	-19.790	<0.01	0.004	<0.01	0.012	0.015	0.007	<0.01	0.001	0.006	0.005	<0.01	ND
MTB-05/35	MTB05CH03	89.20	89.70	0.50	1.350	1.060	-21.476	<0.01	0.009	0.005	0.012	0.074	0.038	0.008	0.006	0.008	0.008	<0.01	ND
MTB-05/57	MTB05CH04	106.00	106.50	0.50	2.482	1.990	-19.810	<0.01	0.005	<0.01	0.017	0.087	0.053	<0.01	0.001	<0.01	0.004	<0.01	ND
MTB-05/59	MTB05CH05	107.00	107.50	0.50	1.323	1.230	-7.001	<0.01	0.004	<0.01	0.012	0.029	0.016	<0.01	0.001	<0.01	0.004	<0.01	ND
MTB-05/60	MTB05CH06	107.50	108.00	0.50	2.878	2.460	-14.521	0.008	0.007	0.010	0.024	0.070	0.046	<0.01	0.001	0.019	0.014	<0.01	ND
MTB-06/04	MTB06CH01	43.00	43.50	0.50	0.300	0.290	-3.366	<0.01	0.008	<0.01	0.003	0.102	0.064	<0.01	0.002	0.033	0.022	<0.01	0.001
MTB-06/13	MTB06CH02	79.50	80.00	0.50	0.281	0.300	6.952	<0.01	0.005	<0.01	0.003	0.015	0.008	<0.01	ND	<0.01	0.002	<0.01	0.001

Primary Sample No.	External Check Sample No.	Depth (m)		Thick-ness (m)	Cu (%)			Pb (%)		Zn (%)		Ni (%)		Mo (%)		Co (%)		W (%)	
		From	To		Primar y	Check	Diff. (Check-Primary)	Primar y	Check	Primar y	Check	Primar y	Check	Primar y	Check	Primar y	Check	Primar y	Check
MTB-06/31	MTB06CH03	89.00	89.50	0.50	4.217	2.850	-32.415	<0.01	0.007	<0.01	0.030	0.061	0.034	<0.01	0.002	0.024	0.013	<0.01	ND
MTB-06/32	MTB06CH04	89.50	90.00	0.50	0.777	0.550	-29.206	<0.01	0.010	<0.01	0.005	0.045	0.021	<0.01	0.001	0.012	0.007	<0.01	ND
MTB-06/44	MTB06CH05	107.00	107.50	0.50	0.227	0.190	-16.189	<0.01	0.011	<0.01	0.003	0.032	0.016	<0.01	ND	0.010	0.006	<0.01	ND
MTB-06/56	MTB06CH06	117.00	117.50	0.50	1.006	0.780	-22.488	<0.01	0.008	<0.01	0.003	0.032	0.019	<0.01	0.002	0.010	0.007	<0.01	ND
MTB-06/62	MTB06CH07	120.50	121.00	0.50	0.581	0.500	-13.867	<0.01	0.006	<0.01	0.002	0.020	0.009	<0.01	0.001	0.010	0.005	<0.01	ND
MTB-06/63	MTB06CH08	121.00	121.50	0.50	0.831	0.650	-21.772	<0.01	0.007	<0.01	0.002	0.019	0.010	<0.01	0.001	0.010	0.006	<0.01	ND
MTB-06/68	MTB06CH09	123.80	124.30	0.50	0.274	0.250	-8.592	<0.01	0.006	<0.01	0.001	0.021	0.011	0.010	0.003	0.010	0.006	<0.01	0.001
MTB-07/07	MTB07CH01	51.20	51.70	0.50	0.553	0.420	-24.023	<0.01	0.009	0.010	0.003	0.066	0.031	0.014	0.009	0.025	0.013	<0.01	ND
MTB-07/12	MTB07CH02	53.60	54.10	0.50	0.835	0.540	-35.360	<0.01	0.010	<0.01	0.004	0.049	0.025	<0.01	0.002	0.023	0.015	<0.01	0.001
MTB-07/18	MTB07CH03	57.00	57.50	0.50	1.410	0.930	-34.038	<0.01	0.009	<0.01	0.004	0.058	0.030	0.010	0.003	0.021	0.014	<0.01	ND
MTB-07/39	MTB07CH04	67.50	68.00	0.50	4.939	3.340	-32.379	<0.01	0.009	<0.01	0.007	0.056	0.037	0.014	0.009	0.042	0.031	<0.01	ND
MTB-07/40	MTB07CH05	68.00	68.50	0.50	1.422	0.980	-31.098	<0.01	0.011	<0.01	0.003	0.032	0.019	0.010	0.006	0.027	0.018	<0.01	ND
MTB-07/67	MTB07CH06	95.00	95.50	0.50	0.569	0.330	-42.014	<0.01	0.005	0.010	0.002	0.015	0.004	<0.01	0.001	0.013	0.004	0.010	0.006
MTB-07/80	MTB07CH07	103.00	103.50	0.50	0.341	0.300	-11.894	<0.01	0.010	0.010	0.004	0.047	0.020	<0.01	0.001	0.015	0.010	<0.01	0.001
MTB-07/83	MTB07CH08	104.50	105.00	0.50	0.738	0.650	-11.924	<0.01	0.005	<0.01	0.004	0.026	0.012	<0.01	ND	0.010	0.005	<0.01	ND
MTB-07/87	MTB07CH09	107.00	107.50	0.50	0.580	0.460	-20.703	<0.01	0.010	<0.01	0.006	0.041	0.016	<0.01	0.001	0.015	0.010	<0.01	ND
MTB-08/06	MTB08CH01	49.50	50.00	0.50	0.554	0.450	-20.703	<0.01	0.006	0.005	0.005	0.026	0.017	<0.01	0.001	0.060	0.055	<0.01	0.002
MTB-08/07	MTB08CH02	50.00	50.50	0.50	0.903	0.850	-20.703	<0.01	0.010	0.008	0.007	0.036	0.025	<0.01	ND	0.081	0.075	<0.01	ND
MTB-08/28	MTB08CH03	188.00	188.50	0.50	0.425	0.410	-20.703	<0.01	0.005	<0.01	0.004	0.009	0.004	<0.01	0.001	<0.01	0.003	<0.01	ND
MTB-08/40	MTB08CH04	201.50	202.00	0.50	0.033	0.030	-20.703	<0.01	0.014	<0.01	0.005	0.056	0.028	<0.01	0.002	0.018	0.007	0.006	0.001
MTB-08/42	MTB08CH05	202.50	203.00	0.50	0.268	0.160	-20.703	<0.01	0.042	<0.01	0.006	0.021	0.024	<0.01	ND	0.019	0.006	<0.01	0.002
MTB-08/45	MTB08CH06	204.00	204.50	0.50	2.856	1.890	-20.703	<0.01	0.020	0.005	0.009	0.067	0.041	<0.01	0.002	0.011	0.012	<0.01	ND
MTB-09/06	MTB09CH01	69.00	69.50	0.50	0.037	0.040	-20.703	<0.01	0.009	<0.01	0.003	0.037	0.016	<0.01	0.002	0.014	0.007	<0.01	ND
MTB-09/07	MTB09CH02	69.50	70.00	0.50	0.348	0.320	-20.703	<0.01	0.009	<0.01	0.003	0.036	0.018	0.017	0.008	0.010	0.008	<0.01	ND
MTB-09/37	MTB09CH03	91.00	91.75	0.75	0.123	0.120	-20.703	<0.01	0.009	<0.01	0.004	0.016	0.008	<0.01	ND	0.010	0.007	<0.01	ND
MTB-09/54	MTB09CH04	114.00	114.50	0.50	0.067	0.050	-20.703	<0.01	0.009	<0.01	0.004	0.016	0.007	<0.01	ND	0.014	0.008	<0.01	ND
MTB-09/62	MTB09CH05	124.00	124.50	0.50	0.102	0.100	-20.703	<0.01	0.009	<0.01	0.004	0.017	0.008	<0.01	ND	0.010	0.007	<0.01	ND
MTB-10/07	MTB10CH01	94.00	94.50	0.50	0.046	0.030	-20.703	<0.01	0.013	<0.01	0.005	0.403	0.314	<0.01	0.001	0.077	0.063	<0.01	ND
MTB-10/11	MTB10CH02	105.00	105.50	0.50	0.013	0.020	-20.703	<0.01	0.008	0.006	0.003	0.027	0.012	<0.01	0.001	0.012	0.007	<0.01	0.001
MTB-10/23	MTB10CH03	113.25	113.75	0.50	0.013	0.020	-20.703	<0.01	0.007	<0.01	0.003	0.024	0.008	<0.01	0.001	<0.01	0.006	<0.01	0.001
MTB-10/36	MTB10CH04	125.00	125.50	0.50	0.114	0.120	-20.703	<0.01	0.008	0.005	0.005	0.030	0.014	<0.01	0.001	0.013	0.009	<0.01	ND

Primary Sample No.	External Check Sample No.	Depth (m)		Thick-ness (m)	Cu (%)			Pb (%)		Zn (%)		Ni (%)		Mo (%)		Co (%)		W (%)	
		From	To		Primar y	Check	Diff. (Check-Primary)	Primar y	Check	Primar y	Check	Primar y	Check	Primar y	Check	Primar y	Check	Primar y	Check
MTB-10/37	MTB10CH05	125.50	126.00	0.50	0.058	0.060	-20.703	<0.01	0.007	0.005	0.005	0.025	0.012	<0.01	0.001	0.012	0.008	<0.01	ND
MTB-10/40	MTB10CH06	127.00	127.50	0.50	0.025	0.030	-20.703	<0.01	0.008	0.005	0.004	0.026	0.011	<0.01	0.001	0.010	0.007	<0.01	ND
MTB-10/50	MTB10CH07	132.50	133.00	0.50	0.155	0.130	-20.703	<0.01	0.007	<0.01	0.005	0.034	0.020	<0.01	0.003	0.017	0.009	<0.01	ND
MTB-10/65	MTB10CH08	140.50	141.00	0.50	0.831	0.680	-20.703	<0.01	0.011	0.008	0.007	0.119	0.102	<0.01	0.001	0.040	0.034	<0.01	ND
MTB-10/67	MTB10CH09	141.50	142.00	0.50	1.080	0.810	-20.703	<0.01	0.010	0.007	0.007	0.064	0.048	<0.01	0.001	0.023	0.021	<0.01	ND
MTB-10/93	MTB10CH10	172.00	172.50	0.50	0.054	0.060	-20.703	<0.01	0.007	0.018	0.013	0.021	0.009	<0.01	ND	0.010	0.005	<0.01	ND
MTB-11/28	MTB11CH01	126.50	127.00	0.50	0.055	0.050	-20.703	<0.01	0.002	0.036	0.025	<0.01	0.002	<0.01	0.001	0.006	0.003	<0.01	0.002
MTB-11/35	MTB11CH02	141.50	142.50	1.00	0.215	0.200	-20.703	<0.01	0.001	<0.01	0.004	<0.01	0.002	<0.01	ND	<0.01	0.002	<0.01	0.001
MTB-11/37	MTB11CH03	143.00	143.50	0.50	0.621	0.820	-20.703	<0.01	0.003	0.009	0.008	0.008	0.004	<0.01	ND	<0.01	0.004	<0.01	0.002
MTB-11/48	MTB11CH04	110.00	111.00	1.00	0.279	0.020	-20.703	<0.01	0.003	<0.01	0.003	0.007	0.002	<0.01	ND	<0.01	0.004	<0.01	ND
MTB-11/50	MTB11CH05	111.50	112.25	0.75	0.013	0.020	-20.703	<0.01	0.003	<0.01	0.002	<0.01	0.002	<0.01	ND	<0.01	0.003	<0.01	0.001
MTB-12/012	MTB12CH01	74.50	75.00	0.50	0.106	0.090	-20.703	<0.01	0.004	0.007	0.005	0.014	0.005	<0.01	ND	0.008	0.003	<0.01	0.001
MTB-12/013	MTB12CH02	75.00	75.50	0.50	<0.01	0.010	-20.703	<0.01	0.006	0.008	0.005	0.017	0.006	<0.01	ND	0.009	0.003	<0.01	0.001
MTB-12/022	MTB12CH03	81.00	81.50	0.50	0.688	0.680	-20.703	<0.01	0.008	0.013	0.010	0.020	0.009	<0.01	ND	0.010	0.006	<0.01	ND
MTB-13/001	MTB13CH01	29.50	30.50	1.00	0.299	0.240	-20.703	<0.01	0.003	<0.01	0.001	0.032	0.014	<0.01	ND	0.010	0.004	<0.01	0.001
MTB-13/002	MTB13CH02	30.50	31.00	0.50	0.255	0.200	-20.703	<0.01	0.004	<0.01	0.001	0.019	0.009	<0.01	0.001	<0.01	0.003	<0.01	0.001
MTB-13/008	MTB13CH03	33.50	34.00	0.50	3.236	2.470	-20.703	<0.01	0.011	<0.01	0.006	0.108	0.056	0.009	0.006	0.014	0.011	<0.01	ND
MTB-13/038	MTB13CH04	102.50	103.00	0.50	0.829	0.740	-20.703	<0.01	0.008	0.005	0.006	0.024	0.014	<0.01	0.001	0.014	0.009	<0.01	ND
MTB-15/011	MTB15CH01	108.50	109.00	0.50	1.436	1.220	-20.703	<0.01	0.007	0.008	0.009	0.024	0.013	<0.01	0.002	0.009	0.007	<0.01	ND
MTB-15/014	MTB15CH02	110.00	110.50	0.50	0.357	0.330	-20.703	<0.01	0.010	0.009	0.008	0.021	0.012	<0.01	0.002	0.017	0.013	<0.01	ND
MTB-15/025	MTB15CH03	110.50	111.00	0.50	0.030	0.030	-20.703	<0.01	0.007	<0.01	0.004	0.006	0.003	<0.01	0.002	<0.01	0.003	<0.01	ND
MTB-15/044	MTB15CH04	112.00	112.50	0.50	1.013	0.830	-20.703	<0.01	0.011	0.005	0.006	0.070	0.041	<0.01	0.001	0.027	0.019	<0.01	ND
MTB-15/057	MTB15CH05	121.00	121.50	0.50	1.416	1.250	-20.703	<0.01	0.011	<0.01	0.007	0.070	0.043	<0.01	0.002	0.014	0.009	<0.01	0.001
MTB-15/059	MTB15CH06	135.75	136.25	0.50	2.136	1.510	-20.703	<0.01	0.010	0.005	0.007	0.097	0.065	<0.01	0.002	0.018	0.014	<0.01	ND
MTB-15/060	MTB15CH07	145.75	146.25	0.50	4.429	3.370	-20.703	<0.01	0.016	0.011	0.013	0.135	0.092	0.010	0.007	0.025	0.019	<0.01	ND
MTB-14/012	MTB14CH01	181.00	181.50	0.50	0.066	0.040	-20.703	<0.01	0.009	<0.01	0.002	0.016	0.007	<0.01	0.001	0.009	0.007	<0.01	0.001
MTB-14/015	MTB14CH02	182.00	182.50	0.50	1.556	1.090	-20.703	<0.01	0.014	<0.01	0.003	0.114	0.093	<0.01	0.001	0.052	0.042	<0.01	ND
MTB-14/016	MTB14CH03	54.30	54.70	0.40	1.120	0.840	-20.703	<0.01	0.012	<0.01	0.002	0.024	0.016	<0.01	ND	0.013	0.012	<0.01	ND
MTB-14/019	MTB14CH04	55.85	56.30	0.45	0.011	0.010	-20.703	<0.01	0.011	<0.01	0.002	0.008	0.004	<0.01	ND	0.015	0.008	<0.01	0.001
MTB-14/034	MTB14CH05	70.00	70.50	0.50	1.490	1.130	-20.703	<0.01	0.014	<0.01	0.003	0.017	0.010	<0.01	ND	0.010	0.011	<0.01	ND
MTB-14/059	MTB14CH06	81.50	82.00	0.50	0.750	0.250	-20.703	<0.01	0.012	<0.01	0.002	0.030	0.009	<0.01	ND	0.021	0.009	<0.01	ND

Primary Sample No.	External Check Sample No.	Depth (m)		Thick-ness (m)	Cu (%)			Pb (%)		Zn (%)		Ni (%)		Mo (%)		Co (%)		W (%)	
		From	To		Primar y	Check	Diff. (Check-Primary)	Primar y	Check	Primar y	Check	Primar y	Check	Primar y	Check	Primar y	Check	Primar y	Check
MTB-14/074	MTB14CH07	88.50	89.00	0.50	0.324	0.570	-20.703	<0.01	0.011	<0.01	0.002	0.021	0.017	<0.01	0.002	0.016	0.011	<0.01	ND
MTB-14/093	MTB14CH08	89.50	90.00	0.50	0.471	0.310	-20.703	<0.01	0.013	<0.01	0.003	0.030	0.015	<0.01	0.001	0.013	0.010	<0.01	ND
MTB-14/095	MTB14CH09	90.00	90.50	0.50	0.592	0.380	-20.703	<0.01	0.014	<0.01	0.002	0.032	0.017	<0.01	ND	0.013	0.014	<0.01	ND
MTB-16/004	MTB16CH01	63.30	63.80	0.50	0.524	0.360	-20.703	<0.01	0.018	0.182	0.091	0.009	0.004	<0.01	ND	0.013	0.010	<0.01	ND
MTB-16/005	MTB16CH02	63.80	64.30	0.50	0.352	0.260	-20.703	<0.01	0.009	0.176	0.073	<0.01	0.004	<0.01	ND	0.011	0.008	<0.01	ND
MTB-17/004	MTB17CH01	92.77	93.18	0.41	0.947	0.670	-20.703	<0.01	0.012	<0.01	0.003	0.031	0.017	<0.01	0.001	0.007	0.006	<0.01	ND
MTB-17/008	MTB17CH02	94.50	95.00	0.50	0.796	0.650	-20.703	<0.01	0.014	<0.01	0.003	0.027	0.016	<0.01	0.001	0.009	0.008	<0.01	ND
MTB-17/010	MTB17CH03	95.50	96.00	0.50	1.014	0.680	-20.703	<0.01	0.014	<0.01	0.004	0.034	0.022	<0.01	0.001	0.014	0.009	<0.01	ND
MTB-17/012	MTB17CH04	96.50	97.00	0.50	0.757	0.560	-20.703	<0.01	0.012	<0.01	0.004	0.024	0.012	<0.01	ND	0.008	0.006	<0.01	ND
MTB-17/018	MTB17CH05	100.50	101.00	0.50	0.657	0.460	-20.703	<0.01	0.007	<0.01	0.003	0.020	0.009	<0.01	0.001	0.013	0.008	<0.01	ND
MTB-17/039	MTB17CH06	112.00	112.50	0.50	3.531	2.440	-20.703	<0.01	0.026	0.008	0.007	0.038	0.030	<0.01	0.003	0.026	0.014	<0.01	ND