

**Comparision of Bedrock/soil & Trench Primary Sample Analysis Vs External Check Sample Analysis for Copper and Associated Elements in Sitapur Block,  
District-Balaghat, Madhya Pradesh**

S.No.	Primary Sample No.	External Check Sample No.	Cu (ppm)		Difference ppm	Co (ppm)		Ni (ppm)		Zn (ppm)		Se (ppm)		Mo (ppm)		Te (ppm)		Pb (ppm)	
			Primary	External		Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check
1	MSCB/T2/03	MSCB/TR/EX-1	27.43	51.13	-23.70	13.18	90.86	35.54	50.28	33.89	72.98	0.29	0.68	1.76	1.06	0.05	0.09	11.09	5.86
2	MSCB/T3/01	MSCB/TR/EX-2	30.65	85.31	-54.66	11.94	55.20	58.16	75.79	38.63	56.16	0.58	0.48	1.71	0.60	0.53	0.07	10.22	5.75
3	MSCB/T3/02	MSCB/TR/EX-3	645.89	966.30	-320.41	14.49	60.87	27.55	119.00	33.51	80.46	0.55	3.41	2.94	2.77	0.21	0.24	18.14	7.24
4	MSCB/T5/13	MSCB/TR/EX-4	139.14	407.50	-268.36	12.63	43.76	48.74	43.00	28.40	55.17	0.27	0.11	1.49	0.16	0.02	0.15	9.97	1.09
5	MSCB/T5/14	MSCB/TR/EX-5	34.77	151.70	-116.93	12.09	72.29	39.63	62.28	30.08	49.91	0.13	0.83	0.62	0.48	0.06	0.07	10.48	5.89
6	MSCB/T5/32	MSCB/TR/EX-6	146.94	327.30	-180.36	33.42	145.70	49.15	49.84	52.38	289.90	0.17	1.04	0.37	6.21	0.02	0.05	2.50	2.34
7	MSCB/T6/12	MSCB/TR/EX-7	23.32	25.38	-2.06	3.18	41.39	9.25	103.60	13.21	37.42	BDL	0.29	0.81	2.00	0.00	0.15	1.76	0.43
8	MSCB/T7/07	MSCB/TR/EX-8	4.28	30.69	-26.41	3.41	40.19	10.77	53.99	13.73	34.78	0.01	0.26	0.94	1.90	0.00	0.05	1.92	6.75
9	MSCB/T8/01	MSCB/TR/EX-9	4.82	22.01	-17.19	3.17	52.95	12.14	44.31	6.97	40.11	0.00	0.56	0.93	2.58	0.00	0.06	2.20	2.51
10	MSCB/T9/05	MSCB/TR/EX-10	33.78	183.50	-149.72	39.24	211.80	34.63	58.87	54.55	144.60	0.25	0.19	0.33	0.33	0.00	0.17	1.80	0.52
11	MSCB/BR-03	MSCB/BR/EX-11	162.85	343.40	-180.55	24.22	96.04	13.92	53.07	52.22	112.60	0.26	0.60	1.65	4.02	BDL	0.35	4.19	0.38
12	MSCB/BR-13	MSCB/BR/EX-12	493.81	455.20	38.61	21.90	70.92	14.15	150.30	26.48	53.68	0.20	1.61	1.15	1.52	BDL	0.24	3.75	4.22
13	MSCB/BR-18	MSCB/BR/EX-13	64.81	80.39	-15.58	48.86	184.20	28.82	188.00	101.42	192.40	0.30	0.81	0.50	0.37	BDL	0.12	4.19	4.39
14	MSCB/SS-09	MSCB/SS/EX-14	34.67	167.70	-133.03	29.82	87.28	69.97	61.76	59.10	104.80	0.90	2.35	1.26	0.51	0.07	0.18	20.72	7.61
15	MSCB/SS-21	MSCB/SS/EX-15	139.56	247.50	-107.94	21.82	52.82	58.00	50.07	42.65	128.40	0.65	1.19	1.36	1.51	0.02	0.12	18.27	11.49
16	MSCB/SS-27	MSCB/SS/EX-16	111.24	367.70	-256.46	19.82	63.48	57.58	55.01	42.25	96.95	0.66	1.74	2.24	1.18	0.06	0.01	18.67	6.08
17	MSCB/SS-39	MSCB/SS/EX-17	98.13	159.90	-61.77	17.85	55.01	52.15	49.42	32.65	75.85	0.74	0.37	2.09	0.92	0.06	0.17	25.87	9.90