

**Details of Trench Sample (Primary) Analytical Results for Copper and Associated Elements,
Sitapur Block, District-Balaghat, Madhya Pradesh**

Sl. No.	Trench No.	Sample No.	Lab No.	From (m)	To (m)	Thickness (m)	Co	Ni	Cu	Zn	Se	Mo	Te	Pb	Lithology
							(PPM)								
1	T1	MSCB/T1/01	SCB-72	0.00	1.00	1.00	15.32	45.94	32.79	37.75	0.43	2.01	0.04	11.55	Quartz vein
2		MSCB/T1/02	SCB-73	5.00	6.00	1.00	11.45	32.49	30.79	23.51	0.26	2.72	0.00	9.52	Quartz vein
3		MSCB/T1/03	SCB-74	9.00	10.00	1.00	3.78	22.21	9.05	16.21	0.28	1.33	0.01	9.13	Quartz vein
4	T2	MSCB/T2/01	SCB-75	0.00	1.00	1.00	4.78	17.92	9.09	29.45	0.01	2.69	0.02	2.87	Quartz vein
5		MSCB/T2/02	SCB-76	1.00	2.00	1.00	5.40	15.37	8.47	9.58	0.04	2.86	0.01	3.24	Quartz vein
6		MSCB/T2/03	SCB-77	2.00	3.00	1.00	13.18	35.54	27.43	33.89	0.29	1.76	0.05	11.09	Quartz vein
7		MSCB/T2/04	SCB-78	3.00	4.00	1.00	7.11	22.53	16.12	93.13	0.11	3.04	0.01	8.68	Quartz vein
8		MSCB/T2/05	SCB-79	4.00	5.00	1.00	4.09	18.33	12.11	12.94	0.06	3.32	0.00	8.20	Quartz vein
9		MSCB/T2/06	SCB-80	5.00	6.00	1.00	4.82	17.23	8.87	10.88	0.11	2.38	0.00	4.92	Quartz vein
10		MSCB/T2/07	SCB-81	6.00	7.00	1.00	10.31	26.10	14.52	20.49	0.21	2.75	0.01	6.99	Quartz vein
11		MSCB/T2/08	SCB-82	7.00	8.00	1.00	8.47	21.36	15.15	13.69	0.13	2.37	0.00	3.52	Quartz vein
12		MSCB/T2/09	SCB-83	8.00	9.00	1.00	6.73	23.33	13.63	62.01	0.09	2.98	0.00	3.79	Quartz vein
13		MSCB/T2/10	SCB-84	9.00	10.00	1.00	15.38	34.87	50.23	34.65	0.45	2.32	0.03	9.29	Quartz vein
14	T3	MSCB/T3/01	SCB-85	0.00	1.00	1.00	11.94	58.16	30.65	38.63	0.58	1.71	0.53	10.22	Granite
15		MSCB/T3/02	SCB-86	5.00	6.00	1.00	14.49	27.55	645.89	33.51	0.55	2.94	0.21	18.14	Granite
16	T4	MSCB/T4/01	SCB-87	0.00	1.00	1.00	2.90	31.35	7.51	9.22	0.02	2.90	0.02	2.25	Granite
17		MSCB/T4/02	SCB-88	1.00	2.00	1.00	10.22	23.60	14.73	21.66	0.23	1.31	0.03	9.34	Granite
18		MSCB/T4/03	SCB-89	2.00	3.00	1.00	4.74	18.38	16.33	10.56	0.05	7.01	0.00	4.13	Granite
19		MSCB/T4/04	SCB-90	3.00	4.00	1.00	16.66	43.09	18.24	37.70	0.39	1.50	0.02	10.15	Granite
20		MSCB/T4/05	SCB-91	4.00	5.00	1.00	7.37	19.32	10.64	14.10	0.08	2.57	0.00	3.19	Granite
21	T5	MSCB/T5/01	SCB-92	0.00	1.00	1.00	46.83	35.55	22.54	73.44	0.35	1.02	0.03	3.56	Granite
22		MSCB/T5/02	SCB-93	2.00	3.00	1.00	4.83	34.82	28.91	13.89	0.07	1.26	0.04	8.42	Granite
23		MSCB/T5/03	SCB-94	4.00	5.00	1.00	3.38	16.64	22.24	27.84	0.11	1.15	0.00	18.67	Granite
24		MSCB/T5/04	SCB-95	5.00	6.00	1.00	7.83	27.88	20.12	23.10	0.20	1.23	0.01	19.44	Granite
25		MSCB/T5/05	SCB-96	6.00	7.00	1.00	12.54	40.45	15.65	59.70	0.29	1.51	0.02	10.02	Granite



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ANNEXURE-III/2

Sl. No.	Trench No.	Sample No.	Lab No.	From (m)	To (m)	Thickness (m)	Co	Ni	Cu	Zn	Se	Mo	Te	Pb	Lithology
							(PPM)								
26	T5	MSCB/T5/06	SCB-97	7.00	8.00	1.00	20.12	53.41	24.47	46.26	0.57	1.94	0.01	10.13	Granite
27		MSCB/T5/07	SCB-98	8.00	9.00	1.00	16.27	40.16	17.16	34.36	0.49	1.56	0.02	13.12	Granite
28		MSCB/T5/08	SCB-99	9.00	10.00	1.00	16.79	43.01	16.82	36.75	0.52	1.27	0.01	20.21	Granite
29		MSCB/T5/09	SCB-100	11.00	12.00	1.00	16.12	47.94	20.76	25.10	0.41	1.02	0.01	8.08	Granite
30		MSCB/T5/10	SCB-101	12.00	13.00	1.00	17.09	48.13	15.22	38.60	0.53	1.47	0.02	10.31	Granite
31		MSCB/T5/11	SCB-102	13.00	14.00	1.00	12.43	39.71	43.37	24.73	0.32	1.28	0.01	8.70	Granite
32		MSCB/T5/12	SCB-103	14.00	15.00	1.00	12.94	42.40	124.66	29.74	0.28	1.04	0.02	8.64	Granite
33		MSCB/T5/13	SCB-104	15.00	16.00	1.00	12.63	48.74	139.14	28.40	0.27	1.49	0.02	9.97	Granite
34		MSCB/T5/14	SCB-105	16.00	17.00	1.00	12.09	39.63	34.77	30.08	0.13	0.62	0.06	10.48	Granite
35		MSCB/T5/15	SCB-106	17.00	18.00	1.00	26.10	38.55	27.97	34.81	0.20	1.06	0.00	5.54	Granite
36		MSCB/T5/16	SCB-107	18.00	19.00	1.00	40.78	31.03	34.95	32.92	0.20	5.04	0.01	2.30	Granite
37		MSCB/T5/17	SCB-108	19.00	19.50	0.50	25.84	39.07	76.86	34.56	0.21	1.57	0.02	3.89	Granite
38		MSCB/T5/17A	SCB-109	19.50	20.00	0.50	23.27	30.78	176.37	25.30	0.21	4.34	0.02	2.97	Epidote bearing rock
39		MSCB/T5/18	SCB-110	20.00	21.00	1.00	29.22	32.85	108.48	33.28	0.13	2.08	0.01	2.12	Epidote bearing rock
40		MSCB/T5/19	SCB-111	21.00	22.00	1.00	22.91	27.18	184.30	26.82	0.16	5.84	0.01	2.84	Epidote bearing rock
41		MSCB/T5/20	SCB-112	22.00	23.00	1.00	32.73	27.36	228.10	37.85	0.13	0.59	0.00	1.82	Epidote bearing rock
42		MSCB/T5/21	SCB-113	23.00	24.00	1.00	25.92	26.21	128.62	47.65	0.13	1.71	0.01	2.24	Epidote bearing rock
43		MSCB/T5/22	SCB-114	24.00	25.00	1.00	40.56	33.45	17.92	65.32	0.15	0.38	0.01	2.48	Epidote bearing rock
44		MSCB/T5/23	SCB-115	25.00	26.00	1.00	35.17	28.25	41.56	56.35	0.24	0.57	0.00	2.36	Epidote bearing rock
45		MSCB/T5/24	SCB-116	26.00	27.00	1.00	30.23	29.11	40.95	47.75	0.13	0.54	0.00	2.09	Epidote bearing rock
46		MSCB/T5/25	SCB-117	27.00	28.00	1.00	27.25	26.69	250.81	39.35	0.14	1.31	0.00	2.02	Epidote bearing rock
47		MSCB/T5/26	SCB-118	28.00	29.00	1.00	28.37	28.81	20.93	41.84	0.15	0.68	0.00	1.89	Epidote bearing rock
48		MSCB/T5/27	SCB-119	29.00	30.00	1.00	29.29	27.72	47.31	42.52	0.19	0.99	0.00	2.23	Epidote bearing rock
49		MSCB/T5/28	SCB-120	30.00	31.00	1.00	15.07	21.52	91.06	18.70	0.09	2.74	0.01	2.39	Epidote bearing rock
50		MSCB/T5/29	SCB-121	31.00	32.00	1.00	37.41	32.40	15.69	54.91	0.16	0.45	0.00	2.32	Epidote bearing rock
51		MSCB/T5/30	SCB-122	32.00	33.00	1.00	31.11	30.27	12.27	57.71	0.15	0.39	0.00	3.04	Epidote bearing rock
52		MSCB/T5/31	SCB-123	33.00	34.00	1.00	40.32	34.78	12.58	53.92	0.16	0.39	0.01	2.20	Epidote bearing rock
53		MSCB/T5/32	SCB-124	34.00	35.00	1.00	33.42	49.15	146.94	52.38	0.17	0.37	0.02	2.50	Epidote bearing rock



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ANNEXURE-III/3

Sl. No.	Trench No.	Sample No.	Lab No.	From (m)	To (m)	Thickness (m)	Co	Ni	Cu	Zn	Se	Mo	Te	Pb	Lithology
							(PPM)								
54	T5	MSCB/T5/33	SCB-125	35.00	36.00	1.00	34.03	34.03	27.60	53.35	0.26	0.30	0.00	2.33	Epidote bearing rock
55	T6	MSCB/T6/01	SCB-126	0.00	1.00	1.00	2.13	12.80	4.28	7.53	0.01	0.85	0.00	1.98	Quartz vein
56		MSCB/T6/02	SCB-127	1.00	2.00	1.00	3.62	12.51	3.95	6.63	BDL	0.79	0.00	1.69	Quartz vein
57		MSCB/T6/03	SCB-128	2.00	3.00	1.00	4.69	15.71	4.32	10.33	0.00	0.64	0.01	1.79	Quartz vein
58		MSCB/T6/04	SCB-129	3.00	4.00	1.00	4.33	12.32	3.96	6.16	0.01	0.59	0.00	1.73	Quartz vein
59		MSCB/T6/05	SCB-130	4.00	5.00	1.00	3.95	10.60	2.95	6.77	0.00	0.68	0.01	2.31	Quartz vein
60		MSCB/T6/06	SCB-131	5.00	6.00	1.00	3.79	9.70	2.79	5.04	0.00	0.63	0.00	1.62	Quartz vein
61		MSCB/T6/07	SCB-132	6.00	7.00	1.00	3.56	8.87	2.57	4.37	BDL	1.15	0.00	1.50	Quartz vein
62		MSCB/T6/08	SCB-133	7.00	8.00	1.00	3.22	9.53	2.82	4.02	BDL	0.65	0.00	1.52	Quartz vein
63		MSCB/T6/09	SCB-134	8.00	9.00	1.00	3.81	9.96	2.96	6.24	BDL	0.65	0.00	1.64	Quartz vein
64		MSCB/T6/10	SCB-135	9.00	10.00	1.00	3.69	9.07	2.92	4.48	BDL	0.62	0.00	1.91	Quartz vein
65		MSCB/T6/11	SCB-136	10.00	11.00	1.00	5.39	8.51	2.95	4.28	BDL	0.62	0.01	1.59	Quartz vein
66		MSCB/T6/12	SCB-137	11.00	12.00	1.00	3.18	9.25	23.32	13.21	BDL	0.81	0.00	1.76	Quartz vein
67		MSCB/T6/13	SCB-138	12.00	13.00	1.00	5.12	9.73	25.67	15.80	BDL	0.80	0.00	1.73	Quartz vein
68		MSCB/T6/14	SCB-139	13.00	14.00	1.00	6.23	10.23	2.81	28.90	BDL	0.85	0.00	1.65	Quartz vein
69	T7	MSCB/T7/01	SCB-140	0.00	1.00	1.00	4.45	9.87	2.33	4.78	0.00	0.82	0.01	2.32	Quartz vein
70		MSCB/T7/02	SCB-141	1.00	2.00	1.00	4.26	13.05	2.99	5.65	0.00	1.07	0.00	1.80	Quartz vein
71		MSCB/T7/03	SCB-142	2.00	3.00	1.00	3.87	11.96	2.32	5.28	0.00	0.80	0.00	2.06	Quartz vein
72		MSCB/T7/04	SCB-143	3.00	4.00	1.00	2.98	13.09	3.34	42.91	0.00	0.57	0.00	2.43	Quartz vein
73		MSCB/T7/05	SCB-144	4.00	5.00	1.00	3.54	10.65	2.88	8.33	BDL	0.79	0.00	1.79	Quartz vein
74		MSCB/T7/06	SCB-145	5.00	6.00	1.00	2.45	13.64	3.70	12.30	0.01	1.09	0.01	2.14	Quartz vein
75		MSCB/T7/07	SCB-146	6.00	7.00	1.00	3.41	10.77	4.28	13.73	0.01	0.94	0.00	1.92	Quartz vein
76		MSCB/T7/08	SCB-147	7.00	8.00	1.00	2.91	10.50	3.98	8.99	0.00	0.84	0.00	1.82	Quartz vein
77		MSCB/T7/09	SCB-148	8.00	9.00	1.00	5.61	14.36	4.00	7.30	0.01	0.85	0.01	1.85	Quartz vein
78		MSCB/T7/10	SCB-149	9.00	10.00	1.00	2.44	10.74	4.20	7.69	0.01	0.90	0.00	2.62	Quartz vein
79		MSCB/T7/11	SCB-150	10.00	11.00	1.00	4.35	11.35	3.23	7.31	0.00	0.77	0.00	2.12	Quartz vein
80		MSCB/T7/12	SCB-151	11.00	12.00	1.00	3.27	23.01	4.13	8.20	0.01	2.04	0.01	2.22	Quartz vein
81		MSCB/T7/13	SCB-152	12.00	13.00	1.00	3.82	11.59	2.30	7.96	BDL	0.86	0.00	1.65	Quartz vein



MECL

ANNEXURE-III/4

Sl. No.	Trench No.	Sample No.	Lab No.	From (m)	To (m)	Thickness (m)	Co	Ni	Cu	Zn	Se	Mo	Te	Pb	Lithology
							(PPM)								
82	T7	MSCB/T7/14	SCB-153	13.00	14.00	1.00	3.64	9.60	3.16	8.86	0.00	0.68	0.00	1.60	Quartz vein
83		MSCB/T7/15	SCB-154	14.00	15.00	1.00	2.48	11.47	4.46	24.65	0.00	0.72	0.00	1.98	Quartz vein
84		MSCB/T7/16	SCB-155	15.00	16.00	1.00	2.36	11.51	3.30	18.59	0.01	0.80	0.00	2.08	Quartz vein
85		MSCB/T7/17	SCB-156	16.00	17.00	1.00	2.70	9.89	3.09	13.15	0.01	0.69	0.01	1.60	Quartz vein
86		MSCB/T7/18	SCB-157	17.00	18.00	1.00	4.40	9.98	3.26	7.07	0.00	0.63	0.01	1.81	Quartz vein
87		MSCB/T7/19	SCB-158	18.00	19.00	1.00	4.00	28.86	4.19	14.41	0.01	0.67	0.00	1.99	Quartz vein
88		MSCB/T7/20	SCB-159	19.00	20.00	1.00	4.16	11.52	5.67	6.76	0.01	0.68	0.00	2.36	Quartz vein
89	T8	MSCB/T8/01	SCB-160	0.00	1.00	1.00	3.17	12.14	4.82	6.97	0.00	0.93	0.00	2.20	Quartz vein
90		MSCB/T8/02	SCB-161	1.00	2.00	1.00	3.84	12.33	4.77	7.11	0.03	0.97	0.01	2.16	Quartz vein
91		MSCB/T8/03	SCB-162	2.00	3.00	1.00	2.67	10.78	3.83	6.46	0.01	0.85	0.01	1.93	Quartz vein
92		MSCB/T8/04	SCB-163	3.00	4.00	1.00	3.53	11.66	4.71	6.62	0.02	0.84	0.00	2.84	Quartz vein
93		MSCB/T8/05	SCB-164	4.00	5.00	1.00	2.96	11.62	2.16	6.10	BDL	0.84	0.01	1.71	Quartz vein
94	T9	MSCB/T9/01	SCB-165	0.00	1.00	1.00	13.73	15.05	4.65	9.77	0.02	0.67	0.00	1.89	Quartz vein
95		MSCB/T9/02	SCB-166	1.00	2.00	1.00	6.36	15.28	3.54	9.62	0.01	0.90	0.01	2.15	Quartz vein
96		MSCB/T9/03	SCB-167	2.00	3.00	1.00	10.42	14.54	5.11	9.84	0.02	0.85	0.00	2.08	Quartz vein
97		MSCB/T9/04	SCB-168	3.00	4.00	1.00	3.31	11.09	3.45	7.03	0.01	0.73	0.00	1.85	Quartz vein
98		MSCB/T9/05	SCB-169	4.00	5.00	1.00	39.24	34.63	33.78	54.55	0.25	0.33	0.00	1.80	Basic Dyke
99		MSCB/T9/06	SCB-170	5.00	6.00	1.00	37.82	32.63	31.04	49.05	0.20	0.32	0.01	1.74	Basic Dyke
100		MSCB/T9/07	SCB-171	6.00	7.00	1.00	13.26	13.77	4.53	7.62	0.00	0.57	0.00	2.19	Quartz vein
101		MSCB/T9/08	SCB-172	7.00	8.00	1.00	10.84	14.24	5.03	8.54	0.02	0.80	0.00	2.02	Quartz vein

BDL- Below Detection Limit