

DETAILS OF CHEMICAL ANALYSIS FOR TOTAL REE ON SAPROLITE ZONES OF THE BOREHOLE SAMPLES DRILLED BY MECL IN ANVARAPAT BLOCK, DISTRICT-LOHARDAGA, JHARKHAND

Sl. No.	From (m)	To (m)	Thick-ness (m)	Sample No	Al <sub>2</sub> O <sub>3</sub> (%)	Fe <sub>2</sub> O <sub>3</sub> (%)	SiO <sub>2</sub> (%)	TiO <sub>2</sub> (%)	LOI (%)	Ga (PPM)	V (PPM)	Li	Be	Sc	V	Cr	Co	Ni	Ga	Ge	Rb	Sr	Y	Zr	Nb	Mo	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Ta	W	Th	U
												PPM (LOD = 0.1 PPM)																																	
1	MAP 04/08	4.00	4.50	0.50	46.77	17.41	4.75	7.11	23.68	94	783	1.06	0.04	27.37	859.83	200.23	3.68	9.70	65.23	2.14	2.68	13.36	5.67	0.13	22.76	1.39	13.40	7.78	22.02	1.85	6.38	1.22	0.26	0.96	0.16	0.90	0.20	0.59	0.10	0.62	0.10	7.00	3.85	10.83	3.76
2	MAP 04/22	15.00	16.00	1.00	32.63	30.11	10.79	6.88	18.66	58	781	17.94	1.21	36.58	860.40	97.29	13.55	26.49	56.71	2.83	14.77	20.25	16.23	0.12	27.67	0.66	111.91	26.13	73.33	6.16	19.13	3.49	0.76	3.03	0.54	3.35	0.76	2.07	0.38	2.69	0.36	7.85	3.87	16.13	3.11
3	MAP 04/24	17.00	18.00	1.00	36.60	29.21	7.16	4.44	21.88	68	545	6.33	0.43	28.98	613.24	155.69	6.66	16.99	51.64	1.98	8.13	14.78	19.78	980.25	25.33	0.81	120.86	13.30	39.17	3.18	11.32	2.07	0.54	2.26	0.44	3.51	0.85	2.65	0.46	3.29	0.51	8.28	6.21	25.85	4.30
4	MAP 04/26	19.00	20.40	1.40	27.48	40.08	6.75	5.91	18.60	81	727	2.11	1.11	37.84	791.64	176.96	18.81	48.04	54.91	3.82	5.96	23.23	20.56	0.13	34.11	1.04	789.53	18.32	50.87	3.65	11.93	2.54	0.77	2.39	0.50	3.62	0.94	2.53	0.48	3.46	0.56	10.10	5.68	31.49	4.66
5	MAP 04/33	29.40	30.00	0.60	35.46	4.60	46.72	2.13	10.68	26	137	1.06	1.39	16.14	199.34	93.15	4.56	12.31	32.60	3.55	1.69	35.60	47.97	616.78	23.56	0.45	43.08	208.12	274.53	39.13	117.64	14.72	2.71	11.09	1.62	9.37	2.00	5.53	0.81	5.79	0.77	6.98	3.46	71.03	3.10
6	MAP 05/08	6.00	7.00	1.00	35.31	33.31	6.89	5.32	18.90	67	871	0.53	0.32	27.27	979.83	182.14	10.12	17.12	53.54	3.69	1.44	15.02	6.29	0.11	18.95	1.66	13.63	8.93	25.91	1.97	6.59	1.16	0.26	0.89	0.20	1.17	0.32	0.89	0.13	1.13	0.30	8.93	54.84	14.37	3.07
7	MAP 05/12	9.50	10.50	1.00	30.02	40.86	3.24	5.72	19.63	62	832	1.06	1.04	47.94	854.43	115.08	9.87	11.47	46.17	2.94	1.83	12.64	9.66	0.10	24.82	1.21	34.34	6.47	62.73	1.96	7.16	1.78	0.47	1.91	0.37	2.80	0.63	1.86	0.30	2.33	0.35	9.40	8.67	8.25	6.63
8	MAP 05/13	10.50	11.50	1.00	33.97	35.43	2.14	7.30	20.65	65	876	0.53	0.63	42.22	929.96	122.58	7.71	8.32	52.97	2.70	1.49	13.49	8.74	0.12	27.36	0.89	12.89	7.21	45.34	1.91	6.46	1.41	0.38	1.39	0.29	1.95	0.56	1.53	0.24	1.98	0.30	19.19	21.41	9.41	5.62
9	MAP 05/28	24.50	25.50	1.00	34.04	13.49	36.49	1.97	13.49	40	296	5.81	1.11	16.00	395.20	98.58	7.02	17.26	35.22	1.36	3.10	15.13	17.15	808.34	12.80	0.70	164.74	17.16	98.57	3.15	9.47	1.73	0.46	1.88	0.35	2.56	0.70	2.13	0.36	2.69	0.36	23.96	6.05	26.50	2.41
10	MAP 06/09	4.80	5.80	1.00	26.84	40.13	7.83	6.01	18.72	66	798	11.08	0.46	35.68	898.58	245.07	8.22	15.04	56.20	3.61	9.00	28.30	10.87	0.11	23.73	1.65	45.72	11.07	78.34	2.96	10.17	2.04	0.45	1.95	0.32	2.34	0.59	1.84	0.28	2.43	0.35	6.75	4.10	17.97	7.24
11	MAP 06/16	11.00	12.00	1.00	34.98	30.46	5.27	6.66	22.10	61	625	0.53	0.48	29.57	688.09	158.86	9.14	12.06	50.92	2.99	5.05	16.65	11.29	0.11	24.58	1.05	65.89	14.31	77.49	3.16	10.14	1.93	0.46	1.78	0.33	2.53	0.56	1.71	0.27	2.18	0.33	6.89	4.42	16.47	4.67
12	MAP 06/18	13.00	14.00	1.00	33.83	33.69	8.30	3.58	19.91	54	574	1.06	1.64	25.72	602.30	157.20	9.29	16.73	43.50	2.44	3.19	32.02	15.18	0.10	25.46	0.99	261.36	52.59	95.69	10.54	30.22	4.78	1.03	3.36	0.49	3.51	0.80	2.19	0.39	2.79	0.39	6.38	3.47	29.64	5.03
13	MAP 06/30	27.00	28.00	1.00	33.75	7.44	39.07	0.49	17.72	57	<10	14.78	1.80	15.49	45.98	29.29	2.08	7.22	61.39	2.62	130.81	99.71	34.32	0.12	24.66	0.26	869.37	119.20	255.29	29.34	90.06	14.36	1.43	10.43	1.62	8.66	1.55	3.59	0.52	3.17	0.44	4.94	4.56	130.95	8.81
14	MAP07/03	1.50	2.10	0.60	33.64	21.20	20.42	5.33	18.32	67	584	13.94	1.05	25.20	772.86	560.44	8.64	26.00	66.89	1.67	22.63	24.87	15.45	0.10	18.96	1.54	65.52	28.15	157.91	6.19	21.72	3.65	0.81	4.04	0.52	3.24	0.72	2.00	0.34	2.24	0.29	6.26	4.46	19.97	5.18
15	MAP07/08	4.50	5.50	1.00	30.53	16.00	27.47	6.52	18.34	65	440	14.75	0.81	24.97	639.20	286.93	13.72	21.03	73.19	1.58	27.14	29.67	19.07	0.13	23.48	1.49	70.46	41.92	95.81	8.68	29.58	4.51	0.86	4.23	0.66	3.62	0.76	2.37	0.35	2.40	0.36	7.47	4.44	22.28	6.89
16	MAP08/05	3.40	4.30	0.90	33.26	22.37	19.90	5.52	17.80	81	828	10.21	1.03	25.47	0.12	184.29	10.41	16.31	78.67	1.40	19.49	20.82	13.32	0.12	18.88	1.28	85.46	29.66	71.63	6.25	21.08	3.87	0.75	3.24	0.50	2.82	0.60	1.74	0.25	1.70	0.21	6.52	6.78	15.73	4.77
17	MAP08/08	6.00	6.50	0.50	34.06	32.04	11.31	6.10	15.98	72	865	5.41	0.41	24.71	0.11	200.72	8.23	14.68	62.56	1.24	5.60	20.49	7.91	0.12	16.91	1.55	24.85	21.01	35.77	11.82	14.07	2.91	0.52	1.94	0.30	1.74	0.31	1.12	0.17	1.33	0.18	5.57	11.35	15.75	6.55
18	MAP08/15	10.50	11.50	1.00	35.77	18.39	22.96	5.45	16.99	79	603	4.85	0.98	28.05	877.98	180.56	8.31	15.07	67.27	1.23	4.84	18.54	11.94	0.13	20.39	1.29	26.23	40.51	64.15	7.64	23.68	3.59	0.80	3.10	0.50	2.62	0.54	1.73	0.22	1.80	0.28	6.13	4.76	17.04	28.84
19	MAP09/05	3.00	3.50	0.50	33.95	29.85	11.51	5.55	18.52	62	643	8.14	1.90	30.68	858.81	146.44	12.75	16.81	58.90	1.84	7.58	17.04	9.63	0.13	17.73	1.38	26.36	15.85	30.53	2.96	10.26	2.05	0.44	1.59	0.34	2.18	0.52	1.38	0.23	1.57	0.23	5.35	4.57	12.92	12.88
20	MAP09/09	5.50	6.00	0.50	34.53	32.20	7.36	6.75	18.65	56	807	3.08	0.84	31.17	0.10	93.36	11.00	9.28	44.72	1.90	2.46	11.94	5.32	0.13	19.24	0.73	13.15	9.69	18.40	1.86	5.81	0.98	0.23	0.90	0.17	1.17	0.27	0.90	0.17	1.22	0.19	5.84	2.77	8.21	19.16
21	MAP10/01	0.50	1.00	0.50	43.58	19.59	6.01	7.00	23.28	83	639	2.54	0.32	16.01	793.38	171.99	9.98	9.55	63.65	1.16	6.43	19.23	9.10	0.13	20.93	0.97	23.16	25.98	39.43	5.82	20.88	4.08	1.02	3.04	0.50	2.62	0.51	1.27	0.18	1.17	0.18	6.35	3.53	10.09	3.44
22	MAP10/03	1.50	2.50	1.00	39.97	24.35	4.73	8.48	21.74	59	769	4.06	1.05	26.97	0.10	175.68	13.37	11.63	52.79	1.85	8.24	32.87	29.56	0.16	26.33	0.91	50.84	56.18	117.13	13.40	50.62	9.50	2.54	8.38	1.40	7.55	1.38	3.42	0.47	3.					