

Primary analysis of Bedrock Samples for 34 Elements in Ambara Maru Block for Glauconite, Phosphorite and REE, District-Kachchh, Gujarat

			PPM (LOD = 0.1 PPM)																																		
Sl. No.	Primary Bedrock Sample No.	Easting (m)	Northing (m)	Be	Sc	V	Co	Ni	Ga	Ge	Rb	Sr	Y	Zr	Nb	Mo	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	W	Tl	Bi	Sn	Sb	Cs	Li
1	AM-09	509341.00	2607180.00	1.33	8.44	66.68	7.97	11.19	6.56	0.78	62.76	454.13	7.99	271.36	22.40	2.50	21.70	49.98	5.87	20.97	3.00	0.54	2.16	0.33	1.72	0.33	0.86	0.16	1.03	0.15	4.11	0.44	0.17	1.47	4.15	0.60	22.01
2	AM-10	511037.00	2601605.00	1.56	10.14	85.20	3.72	21.79	21.26	1.24	118.82	175.83	27.35	433.39	26.49	1.66	69.77	121.63	14.10	51.68	9.16	1.70	7.20	1.08	5.80	1.10	3.07	0.51	3.41	0.51	3.85	0.62	0.17	1.70	3.94	2.44	34.61
3	AM-18	509946.00	2600766.00	1.78	11.02	98.23	4.23	19.49	13.05	1.49	81.35	67.83	26.08	595.35	17.80	0.80	33.51	65.91	7.33	25.67	4.50	0.86	3.83	0.71	4.71	0.99	3.07	0.54	3.61	0.55	4.22	0.47	0.29	1.52	3.71	5.16	18.88
4	AM-22	509762.60	2599975.75	3.60	10.10	98.14	7.60	46.66	24.89	1.06	5.09	62.18	31.18	317.86	31.41	1.25	63.60	106.65	13.81	50.59	9.31	2.38	8.11	1.35	7.27	1.30	3.28	0.46	2.78	0.42	4.26	0.06	0.14	1.32	3.58	0.24	44.60
5	AM-23	510475.00	2598999.00	2.76	14.42	135.93	4.98	24.65	34.89	1.66	9.43	153.66	50.71	926.19	132.61	1.52	155.29	248.14	28.27	96.91	16.12	3.25	13.45	2.09	11.13	2.04	5.22	0.78	4.75	0.67	4.87	0.07	0.20	1.88	5.03	0.42	41.13
6	AM-28B	511153.00	2598560.00	1.42	11.56	125.96	16.40	32.42	21.37	0.97	3.24	73.05	21.71	254.82	19.71	2.32	58.73	101.85	11.55	41.14	7.05	0.56	5.47	0.83	4.56	0.87	2.32	0.38	2.45	0.37	4.68	0.08	0.11	0.96	3.04	0.15	22.67
7	AM-29	511153.00	2598560.00	2.22	22.75	209.50	8.51	25.88	33.76	3.17	12.57	86.33	75.61	0.11%	49.70	2.31	249.31	422.93	55.01	175.33	29.74	2.80	22.88	3.25	15.91	2.81	6.98	1.02	6.10	0.90	3.07	0.14	0.20	1.92	3.46	0.72	33.89
8	AM-38B	510620.00	2600152.00	1.60	7.71	68.16	3.41	12.18	16.34	1.43	65.74	106.35	29.74	415.88	29.36	2.14	77.65	135.57	15.18	55.23	9.52	1.39	7.72	1.19	6.30	1.18	3.13	0.49	3.07	0.46	3.73	0.51	0.10	1.08	3.63	1.58	21.40
Sl. No.	Primary Bedrock Sample No.	Northing (m)	Easting (m)	Be	Sc	V	Co	Ni	Ga	Ge	Rb	Sr	Y	Zr	Nb	Mo	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	Th	U	Cr	Ba	B
9	AM-41B	514024.00	2598450.00	3.48	27.90	145.17	6.13	18.46	34.08	2.85	119.41	231.02	36.78	593.99	15.88	0.83	73.66	127.83	14.41	53.63	9.23	2.05	6.59	1.19	7.41	1.63	4.65	0.87	5.08	0.82	16.80	6.04	34.19	6.24	103.58	672.33	6.84
10	AM-45B	515561.00	2598886.00	3.20	16.53	98.62	11.43	32.42	32.05	4.43	133.82	176.49	46.54	607.89	11.82	0.70	93.68	182.72	20.80	78.41	13.22	2.75	11.70	1.76	8.80	1.87	5.17	0.81	5.13	0.77	16.23	2.58	37.33	6.70	125.82	0.12%	3.29
11	AM-57B	512511.00	2601755.00	0.75	6.60	51.92	61.21	15.49	13.20	1.69	100.66	137.15	26.81	469.86	7.39	0.71	76.01	143.87	16.76	60.88	11.17	1.49	7.89	1.19	5.45	1.05	2.83	0.42	2.43	0.39	14.34	2.74	39.87	3.48	97.66	781.89	3.38
12	AM-60B	514813.00	2601168.00	2.41	9.44	55.63	32.86	14.83	9.42	1.51	65.78	180.39	34.03	312.76	2.46	0.62	70.97	126.05	15.92	59.55	11.05	1.42	8.84	1.37	6.88	1.31	3.55	0.54	3.21	0.58	8.70	0.46	35.29	4.01	89.30	526.18	3.71
13	AM-68B	514024.00	2598450.00	2.26	10.35	94.93	79.95	24.27	17.14	1.05	95.43	122.49	33.68	680.68	5.20	0.79	75.54	148.15	17.06	60.76	10.79	1.45	8.07	1.22	6.90	1.37	3.94	0.60	3.95	0.58	20.58	1.77	41.43	4.34	142.53	700.84	1.70
14	AM-78	510823.00	2605824.00	1.39	12.60	99.11	31.71	21.67	17.55	1.87	123.90	134.59	44.44	952.13	13.62	0.65	86.85	158.96	18.37	65.95	11.90	1.46	10.68	1.76	8.84	1.70	5.22	0.76	4.95	0.62	27.79	2.50	46.63	5.63	125.07	0.12%	5.89
15	AM-128	514902.00	2605472.00	2.10	12.68	155.21	5.01	11.58	20.29	1.95	90.08	85.02	36.21	817.91	6.77	0.46	55.02	110.31	13.14	46.67	9.09	1.72	6.68	1.27	6.77	1.43	4.10	0.70	4.24	0.65	22.84	1.91	25.97	3.78	94.76	332.94	2.28
16	AM-131 A	514760.00	2605835.00	1.46	11.76	153.54	13.99	11.01	16.89	1.51	103.08	81.65	39.00	848.09	6.57	0.35	57.08	112.36	11.80	43.49	8.50	1.64	7.03	1.12	6.67	1.43	3.85	0.73	4.24	0.59	23.46	1.11	25.00	3.83	77.40	431.11	2.09
17	AM-132B	514901.00	2606161.00	0.77	13.07	140.79	28.14	11.12	13.32	1.56	95.48	98.62	51.59	0.11%	5.61	0.65	76.81	150.62	16.80	61.02	12.08	2.03	9.51	1.71	9.22	2.04	5.31	0.85	5.74	0.94	26.41	1.25	37.30	5.72	88.86	538.51	4.72
18	AM-21	509606.00	2600250.00	2.41	10.93	112.26	3.17	9.80	16.51	1.61	47.45	64.00	38.61	605.51	7.41	0.54	33.91	50.03	6.71	24.35	4.23	0.97	3.91	0.78	5.15	1.21	4.00	0.76	4.08	0.67	17.34	2.25	17.62	3.48	101.29	308.08	5.54

Primary analysis of Pit Samples for Samples for 34 elements in Ambara Maru Block for Glauconite, Phosphorite and REE, District-Kachchh, Gujarat

Pit No.	Primary Sample No.	Coordinates		Be	Sc	V	Co	Ni	Ga	Ge	Rb	Sr	Y	Zr	Nb	Li	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	Th	U	Cr	Ba	B
		Easting (m)	Northing (m)																																		
AMPI-40	AMPI-40	516070	2601807	1.50	14.49	122.88	10.32	24.24	18.60	2.78	59.26	163.82	79.23	832.27	6.09	22.96	234.65	359.53	42.28	154.26	26.72	2.39	21.80	3.19	16.31	3.01	8.04	1.17	7.28	1.06	19.43	0.56	129.60	8.99	82.20	608.00	14.30
AMPI-45	AMPI-45	510322	2602615	2.61	20.60	142.98	33.77	57.32	22.59	2.67	100.69	273.27	218.69	406.20	6.47	82.71	107.27	176.01	21.88	88.73	18.76	4.89	24.68	4.57	28.96	6.35	16.51	2.16	11.58	1.53	10.67	0.51	20.49	3.58	75.71	0.00	15.39
AMPI-30	AMPI-30	511178	2604018	1.07	12.07	106.01	20.72	17.48	16.28	2.21	66.22	248.88	65.30	919.78	10.03	11.75	231.34	356.61	42.06	150.34	25.80	1.89	20.50	2.89	13.92	2.48	6.41	0.90	5.73	0.83	23.92	1.15	129.37	7.76	71.38	861.22	6.16
AMPI-34	AMPI-34-B	315995	2604849	0.60	2.71	32.99	82.33	20.58	2.99	0.57	20.23	65.57	20.99	111.78	2.07	5.65	22.30	39.00	5.06	19.02	3.73	0.66	3.72	0.62	3.60	0.70	1.88	0.25	1.43	0.20	3.27	BDL	11.24	1.85	95.87	178.84	13.91
AMPI-22	AMPI-22A	515989	2598191	BDL	0.91	6.41	3.48	15.78	0.90	0.13	5.17	0.00	3.30	22.56	0.66	4.09	3.42	5.37	0.76	2.84	0.52	0.12	0.54	BDL	0.54	0.11	0.31	BDL	0.29	BDL	0.66	BDL	1.06	0.36	39.04	27.57	14.54