ANNEXURE-III-B/1

DETAILS OF CHEMICAL ANALYSIS FOR Al_2O_3, SiO_2, Fe_2O_3, TiO_2 AND LOI OF PRIMARY PIT SAMPLES COLLECTED BY MECL IN DHRANG BLOCK, DISTRICT - KACHCHH, GUJARAT

Sr. No	Pit No	Easting	Northing	Lithology	Sample No	Al_2O_3%	SiO_2%	Fe_2O_3 %	TiO_2%	LOI%
1	PT- -02	490668.98	2601137.06	Soil is 0-0.10m, Limonitic/Lateritic Clay 0.10m-1.70m, Lithomarge Clay is 1.70m-2.10m	MBD/PT/02	8.45	50.27	25.23	3.57	7.39
2	PT- 03	490982.20	2601002.84	Soil 0-0.37, Altered/Weathered basalt - 0.45m – 1.90m, Sandstone - 1.90m – 2.20m.	MBD/PT/03	3.57	9.44	23.75	0.28	30.18
3	PT- 05	491475.46	2601574.95	Soil is 0-2.30m	NIL					
4	PT- 08	489886.20	2602348.30	Soil is 0-2.7m, 2.7-2.9m limonitic Clay/Ferrugenous Clay.	MBD/PT/08A	21.18	41.71	11.49	1.32	15.56
					MBD/PT/08B	20.5	33.52	15.33	0.97	18.04
5	PT- 09	490686.17	2602398.44	Top Soil is 0-0.7m, 0.7-1.10m is Altered Basalt; 1.10 – 2.0 - Basalt	MBD/PT/09A	14.49	43.65	15.76	2.59	5.62
6	PT- 19	490012.08	2601302.62	Soil 0.0m-0.45m, Aluminous Laterite - 1.10m-1.60m, 1.60 – 2.0m Lateritic Clay.	MBD/PT/19A	24.87	2.12	45.58	7.03	17.07
					MBD/PT/19B	24.66	26.74	30.53	3.57	12.61
7	PT- 11	490556.01	2602734.20	0-0.28m -soil, 0.28-0.83 is Limonitic clay, 0.83-1.40m Aluminous Clay, 1.40m-2.30 – Lithomergic Clay	MBD/PT/11A	30.02	33.64	18.36	3.59	12.95
					MBD/PT/11B	33.77	37.23	8.50	3.91	14.62
					MBD/PT/11C	34.61	38.67	5.34	4.54	15.23

Sr. No	Pit No	Easting	Northing	Lithology	Sample No	Al_2O_3%	SiO_2%	Fe_2O_3 %	TiO_2%	LOI%
8	PT- 22	490986.89	2601378.49	0.0 – 0.30- Soil, 0.30 – 1.00 – Bauxite	MBD/PT/22	49.34	1.69	4.58	11.01	26.05
9	PT- 23	490575.14	2601534.07	Soil is 0-0.90m, Altered/Weather Basalt is 0.90m-2.50m	NO SAMPLE					
10	PT- 24	490283.17	2601694.24	Soil 0-1.20m, Clay - 1.20m-2.00m,	NO SAMPLE					
11	PT- 26	491440.73	2601900.34	Soil is 0-0.5m, Bauxite 0.5m-2.0m	MBD/PT/26	49.46	5.98	2.85	6.87	31.64
12	PT- 28	490908.94	2602076.12	Top Soil is 0-0.50m, Altered Basalt is 0.50m-1.50m, Basalt -1.50-2.0	NO SAMPLE					
13	PT- 29	491503.11	2602144.46	Soil 0-1.0m, Clay - 1.0m – 2.0m	MBD/PT/29	11.65	38.28	19.25	2.2	18.12
14	PT- 30	490020.82	2602815.93	Soil 0-0.70m, Clayey Aluminous Laterite - 0.70-2.10m, Bottom Aluminous Laterite.	MBD/PT/30A	37.91	14.76	10.7	5.53	23.69
					MBD/PT/30B	43.66	11.03	3.19	5.52	27.04
15	PT- 33	491155.45	2602494.84	Soil 0-0.50m, Aluminous Laterite 1.0m-2.2m	MBD/PT/33	38.46	25.52	3.77	3.46	24.48
16	PT- 34	491528.36	2602485.43	Soil is 0-0.64m, Altered Basalt 0.64m-1.0m, Clayey Aluminous Laterite - 1.0m-2.0m.	MBD/PT/34	35.22	11.69	3.54	6.42	29.74
17	PT- 37	491084.98	2602897.66	Soil is 0-0.30m, Basalt is 0.30-2.0m	NO SAMPLE					

ANNEXURE-III-B/3

Sr. No	Pit No	Easting	Northing	Lithology	Sample No	Al_2O_3%	SiO_2%	Fe_2O_3 %	TiO_2%	LOI%
18	PT- 39	490400.00	2602786.00	0-0.6m is soil, 0.6m -2m Altered Basalt, Pit Floor Altered Basalt.	MBD/PT/39	42.12	17.33	3.89	5.45	26.82
19	PT- 41	490249.49	2603098.99	Soil 0-0.28m, Weather Basalt is 0.28m-0.60m, Laterite is 0.60m-1.50m	MBD/PT/41	31.77	4.28	35.16	5.55	21.08
20	PT-31	490076.00	2602564	Soil 0.06m, Altered Basalt 0.6-2.0m, Clay at Bottom	MBD/PT/31	31.1	45.09	6.04	3.65	11.87