



ANNEXURE-V-B/1

**DETAILS OF LOW GRADE BAUXITE ZONES FROM EXPLORATORY BOREHOLES DRILLED BY MECL IN DHRANG BLOCK,  
DISTRICT - KACHCHH, GUJARAT**

**Bauxite Zones demarcation based on  $\text{Al}_2\text{O}_3$  - 35% to 40% and  $\text{SiO}_2$  - 10%(max)**

<b>Borehole No.</b>	<b>From (m)</b>	<b>To (m)</b>	<b>Thickness (m)</b>	<b><math>\text{Al}_2\text{O}_3</math> %</b>	<b><math>\text{SiO}_2</math> %</b>	<b><math>\text{Fe}_2\text{O}_3</math> %</b>	<b><math>\text{TiO}_2</math> %</b>	<b>LOI %</b>	<b>Sc (ppm)</b>	<b>V (ppm)</b>	<b>Ga (ppm)</b>	<b>THA %</b>	<b>MHA %</b>	<b>RS %</b>
MBD-01	5.00	8.00	3.00	35.62	5.55	32.61	5.48	18.89	27.66	824.13	56.15	32.20	6.93	2.47
MBD-02	5.50	7.50	2.00	37.59	7.37	28.85	5.05	19.84	43.26	679.97	52.16	24.77	2.97	1.60
MBD-03	0.00	5.00	5.00	44.94	7.41	12.33	6.62	26.00	30.84	675.39	72.79	33.68	4.46	6.49
MBD-04	0.00	3.20	3.20	46.39	8.84	6.67	7.62	26.34	30.86	913.22	67.17	29.72	2.48	2.20
MBD-05	0.00	1.00	1.00	52.30	6.18	3.68	5.08	29.40	22.31	316.95	52.35	48.54	0.99	3.40
<b>Cumulative</b>			<b>14.20</b>	<b>42.78</b>	<b>7.25</b>	<b>17.06</b>	<b>6.28</b>	<b>23.95</b>	<b>31.32</b>	<b>735.81</b>	<b>63.66</b>	<b>32.27</b>	<b>4.08</b>	<b>16.82</b>