

**Statement showing polygon-wise and borehole-wise Reconnaissance Resources (334) of glauconitic sandstone (cut-off : 3.0% K<sub>2</sub>O), estimated by the Cross Section Method in Ambara Maru Block, Kachchh District, Gujarat**

BH No.	Section Line	From (m)	To (m)	Thickness (m)	Sectional Area (m <sup>2</sup> )	Section Influence (m)	Volume (m <sup>3</sup> )	Specific Gravity	Gross Geological Resources	Net in-situ Resources (tonnes)	Average Quality							
											K <sub>2</sub> O%	SiO <sub>2</sub> %	MgO%	CaO%	Na <sub>2</sub> O%	P <sub>2</sub> O <sub>5</sub> %	Al <sub>2</sub> O <sub>3</sub> %	Fe <sub>2</sub> O <sub>3</sub> %
MAMB-01	A-A'	5.00	7.00	2.00	2306.95	1559.00	3596535.21	2.31	8307996.33	6646397.06	3.12	67.96	0.53	0.44	0.24	0.07	14.70	6.73
	A-A'	13.00	15.00	2.00	2306.95	1559.00	3596535.36	2.31	8307996.69	6646397.35	3.74	52.71	2.28	4.65	0.30	0.05	16.91	8.48
MAMB-02	B-B'	0.00	10.00	10.00	8816.01	1557.00	13726523.52	2.31	31708269.34	25366615.47	2.90	49.20	1.93	2.47	0.52	0.33	21.47	8.78
	B-B'	18.00	20.00	2.00	3200.00	1557.00	4982400.00	2.31	11509344.00	9207475.20	3.01	52.39	1.79	1.24	0.23	0.47	21.13	7.91
	B-B'	24.00	26.00	2.00	3200.00	1557.00	4982400.00	2.31	11509344.00	9207475.20	3.18	54.68	1.41	0.33	0.15	0.09	24.31	4.90
MAMB-03	C-C'	0.00	4.00	4.00	5580.08	1045.00	5831184.85	2.31	13470037.01	10776029.61	2.84	55.08	0.99	6.89	0.20	0.17	10.87	13.39
	C-C'	5.00	6.00	1.00	1600.00	1045.00	1672000.00	2.31	3862320.00	3089856.00	3.15	52.97	0.91	1.42	0.39	0.41	16.42	16.09
	C-C'	10.00	11.00	1.00	1600.00	1045.00	1672000.00	2.31	3862320.00	3089856.00	3.14	58.20	1.45	3.70	0.19	0.31	13.69	10.10
	C-C'	14.00	15.00	1.00	1600.00	1045.00	1672000.00	2.31	3862320.00	3089856.00	3.02	58.37	1.06	0.92	0.15	0.16	17.95	9.30
MAMB-04	D-D'	0.00	5.00	5.00	8009.10	1600.00	12814554.08	2.31	29601619.92	23681295.94	2.60	66.74	0.51	6.64	0.13	0.06	9.05	7.72
	D-D'	7.00	9.00	2.00	3203.64	1600.00	5125821.60	2.31	11840647.90	9472518.32	3.19	74.93	0.25	0.22	0.23	0.10	9.00	8.10
	D-D'	12.00	14.00	2.00	3203.64	1600.00	5125821.60	2.31	11840647.90	9472518.32	3.55	56.08	1.87	5.53	0.20	0.12	14.10	9.24
	D-D'	26.00	28.00	2.00	3203.64	1600.00	5125821.60	2.31	11840647.90	9472518.32	4.24	61.00	1.45	0.61	0.26	0.06	17.27	6.55
Resources in tonnes for glauconitic sandstone									<b>161523510.97</b>	<b>129218808.78</b>	<b>3.10</b>	<b>58.45</b>	<b>1.27</b>	<b>3.26</b>	<b>0.26</b>	<b>0.18</b>	<b>15.75</b>	<b>8.55</b>
Resources in Million Tonnes									<b>161.52</b>	<b>129.22</b>								

Method	Gross Geological Resources	Net In-situ Resources (tonnes)	Average Quality							
			K <sub>2</sub> O%	SiO <sub>2</sub> %	MgO%	CaO%	Na <sub>2</sub> O%	P <sub>2</sub> O <sub>5</sub> %	Al <sub>2</sub> O <sub>3</sub> %	Fe <sub>2</sub> O <sub>3</sub> %
Polygon Method	143.37	114.69	3.10	58.71	1.25	3.43	0.27	0.17	15.33	8.67
Cross Section Method	161.52	129.22	3.10	58.45	1.27	3.26	0.26	0.18	15.75	8.55

Diff in MT	18.16	14.52
Diff in %	5.95	5.95