ANNEXURE-1

RESOURCE ESTIMATION SHEET, JODHPUR-SATAPAR BLOCK

Resource Calculation for Laterite at G3							
Sr. No.	**BH ID**	**Area of Influence of BHs (in Sq. m.)**	**Thickness (m)**	**Volume (in Cubic meter)**	**Average Specific Gravity**	**Tonnage (in MT)**	**Tonnage (in Million Tonnes)**
1	JS-8	643280.597	9.31	5988942.36	2.61	15631139.55	15.63
2	JS-10	1673962.133	5.00	8369810.67	2.61	21845205.84	21.85
3	JS-11	989385.363	7.00	6925697.54	2.61	18076070.58	18.08
4	JS-3	992113.206	3.00	2976339.62	2.61	7768246.40	7.77
5	JS-4	1910318.310	2.00	3820636.62	2.61	9971861.58	9.97
6	JS-1	2211633.765	0.00	0.00	2.61	0.00	0.00
7	JS-2	1202977.875	2.00	2405955.75	2.61	6279544.51	6.28
8	JS-6	892186.151	2.00	1784372.30	2.61	4657211.71	4.66
9	JS-5	1547456.820	4.00	6189827.28	2.61	16155449.20	16.16
10	JS-9	876342.680	2.00	1752685.36	2.61	4574508.79	4.57
11	JS-7	930343.100	4.00	3721372.40	2.61	9712781.96	9.71
		13870000.000					**114.67**

Resource Calculation for Cement Grade Limestone at G3							
Sr. No.	**BH ID**	**Area of Influence of BHs (in Sq. m.)**	**Thickness (m)**	**Volume (in Cubic meter)**	**Average Specific Gravity**	**Tonnage (in MT)**	**Tonnage (in Million Tonnes)**
1	JS-8	643280.5970	0.00	0.00	2.67	0.00	0.00
2	JS-10	1673962.1330	0.00	0.00	2.67	0.00	0.00

3	JS-11	989385.3630	0.99	979491.51	2.67	2615242.33	2.62
4	JS-3	992113.2060	2.74	2718390.18	2.67	7258101.79	7.26
5	JS-4	1910318.3100	0.76	1451841.92	2.67	3876417.91	3.88
6	JS-1	2211633.7650	2.00	4423267.53	2.67	11810124.31	11.81
7	JS-2	1202977.8750	3.84	4619435.04	2.67	12333891.56	12.33
8	JS-6	892186.1510	1.97	1757606.72	2.67	4692809.94	4.69
9	JS-5	1547456.8200	0.00	0.00	2.67	0.00	0.00
10	JS-9	876342.6800	0.89	779944.99	2.67	2082453.11	2.08
11	JS-7	930343.1000	0.00	0.00	2.67	0.00	0.00
		13870000.000					**44.67**

Resource Calculation for Blendable Grade Limestone at G3							
Sr. No.	**BH ID**	**Area of Influence of BHs (in Sq. m.)**	**Thickness (m)**	**Volume (in Cubic meter)**	**Average Specific Gravity**	**Tonnage (in MT)**	**Tonnage (in Million Tonnes)**
1	JS-8	643280.5970	0.00	0.00	2.62	0.00	0.00
2	JS-10	1673962.1330	4.00	6695848.53	2.62	17543123.15	17.54
3	JS-11	989385.3630	1.00	989385.36	2.62	2592189.65	2.59
4	JS-3	992113.2060	0.00	0.00	2.62	0.00	0.00
5	JS-4	1910318.3100	2.00	3820636.62	2.62	10010067.94	10.01
6	JS-1	2211633.7650	0.00	0.00	2.62	0.00	0.00
7	JS-2	1202977.8750	0.00	0.00	2.62	0.00	0.00
8	JS-6	892186.1510	1.00	892186.15	2.62	2337527.72	2.34
9	JS-5	1547456.8200	1.50	2321185.23	2.62	6081505.30	6.08
10	JS-9	876342.6800	0.00	0.00	2.62	0.00	0.00
11	JS-7	930343.1000	1.00	930343.10	2.62	2437498.92	2.44
		13870000.0000					**41.00**

Resource Calculation for Marl at G3							
Sr. No.	**BH ID**	**Area of Influence of BHs (in Sq. m.)**	**Thickness (m)**	**Volume (in Cubic meter)**	**Average Specific Gravity**	**Tonnage (in MT)**	**Tonnage (in Million Tonnes)**
1	JS-8	643280.5970	0.00	0.00	2.62	0.00	0.00
2	JS-10	1673962.1330	0.50	836981.07	2.62	2192890.39	2.19
3	JS-11	989385.3630	1.00	989385.36	2.62	2592189.65	2.59
4	JS-3	992113.2060	3.00	2976339.62	2.62	7798009.80	7.80
5	JS-4	1910318.3100	1.00	1910318.31	2.62	5005033.97	5.01
6	JS-1	2211633.7650	2.00	4423267.53	2.62	11588960.93	11.59
7	JS-2	1202977.8750	1.00	1202977.88	2.62	3151802.03	3.15
8	JS-6	892186.1510	1.00	892186.15	2.62	2337527.72	2.34
9	JS-5	1547456.8200	2.00	3094913.64	2.62	8108673.74	8.11
10	JS-9	876342.6800	1.00	876342.68	2.62	2296017.82	2.30
11	JS-7	930343.1000	3.00	2791029.30	2.62	7312496.77	7.31
		13870000.0000					**52.38**

AVERAGE GRADE OF LATERITE, CEMENT GRADE LIMESTONE, BLENDABLE GRADE LIMESTONE AND MARL							
BH No.	**Laterite**	**Cement Grade Limestone**		**Blendable Grade Limestone**		**Marl**	
	Al_2O_3%	**CaO%**	**MgO%**	**CaO**	**MgO%**	**CaO%**	**MgO%**
JS-8	29.48	—	—	—	—	—	—
JS-10	20.57	—	—	39.04	0.84	20.86	0.22
JS-11	21.01	43.04	0.53	36.31	1.34	20.83	1.60

JS-3	22.47	41.58	0.83	—	—	25.08	1.26
JS-4	20.04	42.03	0.63	39.17	0.75	20.38	1.43
JS-1	—	44.13	0.76	—	—	28.50	1.20
JS-2	21.80	43.85	0.59	—	—	28.34	0.87
JS-6	20.29	45.07	0.79	37.60	0.82	23.77	1.44
JS-5	20.83	—		37.68	0.82	29.26	0.97
JS-9	21.31	44.89	0.51	—	—	25.08	1.59
JS-7	21.85	—		37.56	1.10	28.35	1.95
Avg%	**21.97**	**43.51**	**0.66**	**37.89**	**0.95**	**25.05**	**1.25**