

RESOURCE ESTIMATION SHEET							
BLOCK NAME: HARNASA-UMBRI BLOCK							
TALUKA: SUTRAPADA							
DISTRICT: GIR-SOMNATH							

Inferred Resource (G-3) calculation for Limestone [Cement grade(Blendable/Benificiable/Portland)]							
Sr.No.	BHID	Area of Influence of Borehole (in Sq. M.)	Thickness (m)	Volume (in Cubic Meter)	Average Specific Gravty	Tonnage (in MT)	Tonnage (in Million Tonnes)
1	HUBH-01	746866	3.00	2240598	2.77	6206456	6.21
2	HUBH-02	776224.5327	2.00	1552449.07	2.75	4269235	4.27
3	HUBH-03	674385.2098	8.30	5597397.24	2.77	15504790	15.50
4	HUBH-04	847706.8939	4.57	3874020.51	2.77	10731037	10.73
5	HUBH-05	953833.3458	8.10	7726050.1	2.79	21555680	21.56
6	HUBH-06	1044910.839	6.60	6896411.54	2.77	19103060	19.10
7	HUBH-07	728721.4724	5.75	4190148.47	2.77	11606711	11.61
8	HUBH-08	577870.1281	5.30	3062711.68	2.77	8483711	8.48
9	HUBH-09	773426.0498	2.00	1546852.1	2.77	4284780	4.28
10	HUBH-10	804074.6495	8.00	6432597.2	2.77	17818294	17.82
11	HUBH-11	642501.7078	6.00	3855010.25	2.77	10678378	10.68
12	HUBH-12	547553.0269	12.80	7008678.74	2.77	19414040	19.41
9118073.856						149656174	149.66

Inferred Resource (G-3) calculation for Marl							
Sr.No.	BHID	Area of Influence of Borehole (in Sq. M.)	Thickness (m)	Volume (in Cubic Meter)	Average Specific Gravty	Tonnage (in MT)	Tonnage (in Million Tonnes)
1	HUBH-01	746866	9.00	6721794	2.75	18484934	18.48
2	HUBH-02	776224.5327	4.00	3104898.13	2.75	8538470	8.54
3	HUBH-03	674385.2098	3.00	2023155.63	2.75	5563678	5.56
4	HUBH-04	847706.8939	3.43	2907634.65	2.76	8025072	8.03
5	HUBH-05	953833.3458	4.60	4387633.39	2.75	12065992	12.07
6	HUBH-06	1044910.839	4.35	4545362.15	2.75	12499746	12.50
7	HUBH-07	728721.4724	1.00	728721.472	2.72	1982122	1.98
8	HUBH-08	577870.1281	2.70	1560249.35	2.75	4290686	4.29
9	HUBH-09	773426.0498	5.00	3867130.25	2.75	10634608	10.63
10	HUBH-10	804074.6495	1.00	804074.65	2.75	2211205	2.21
11	HUBH-11	642501.7078	3.00	1927505.12	2.77	5339189	5.34
12	HUBH-12	547553.0269	0.00	-	0	0	0.00
9118073.856						89635701	89.64

AVERAGE GRADE OF MINERAL

BHID	Area of influence of Borehole (In sq.m.)	Limestone [Cement grade(Blendable/Benificiable/ Portland		Marl	
		CaO%	MgO%	CaO%	MgO%
HUBH-01	746866	39.34	1.59	27.78	2.33
HUBH-02	776224.5327	40.12	0.77	20.17	2.34
HUBH-03	674385.2098	46.53	1.03	27.01	2.42
HUBH-04	847706.8939	46.34	1.07	32.68	2.04
HUBH-05	953833.3458	41.94	1.33	28.54	2.42
HUBH-06	1044910.839	44.89	0.94	31.32	2.28
HUBH-07	728721.4724	45.76	1	32.59	0
HUBH-08	577870.1281	43.55	1.14	26.71	2.91
HUBH-09	773426.0498	48.76	0.91	26.95	2.24
HUBH-10	804074.6495	38.68	1.59	31.07	1.91
HUBH-11	642501.7078	40.68	1.39	31.96	2.23
HUBH-12	547553.0269	44.26	7.32	-	-
	9118073.856	43.41	2.28	28.18	2.27