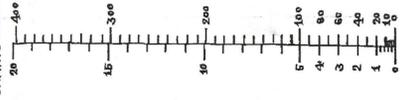


# DGPS SURVEYED MAP SHOWING LEASE BOUNDARY AND FOREST AREA PROPOSED FOR DIVERSION OF M/s.SOGAR LATERITE STONE QUARRY.

SCALE OF CHAINS METRES



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Certified that this map is been finally framed and a copy of it has been finally finished in accordance with rule 29 read with rule 6 of O.S.S. rules, 1988 on 18th January 1988.

M. Mohanty



SCALE - 1:13,960



## LEGEND

- QUARRY BOUNDARY PILLARS
- GEOREFERENCING POINTS
- QUARRY BOUNDARY
- FOREST PLOTS

AREA STATISTICS OF FOREST PLOTS					
S.NO.	VILLAGE NAME	PLOT NO	KHATA No.	APPLIED AREA IN Ha.	MAP AREA IN Ha.
1	SOGAR	10	TAILA-2	0.60	0.32
2		11	TAILA-1	0.03	0.01
3		12	TAILA-1	0.04	0.02
4		13	TAILA-1	0.81	0.38
5		14	TAILA-2	0.60	0.32
6		15	TAILA-2	0.60	0.32
TOTAL AREA				2.68	1.08

DGPS CO-ORDINATES OF QUARRY BOUNDARY PILLARS				
PILLAR ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	351670.351	2298447.323	85°34'29.87616"	20°46'47.76744"
2	351742.661	2298418.781	85°34'32.38500"	20°46'46.86024"
3	351775.023	2298451.069	85°34'33.49416"	20°46'47.91936"
4	351780.100	2298450.909	85°34'33.66984"	20°46'47.91576"
5	351779.244	2298437.988	85°34'33.64428"	20°46'47.49528"
6	351803.895	2298425.926	85°34'34.50036"	20°46'47.11008"
7	351800.277	2298403.575	85°34'34.38192"	20°46'46.38216"
8	351784.452	2298401.647	85°34'33.83544"	20°46'46.31484"
9	351764.071	2298386.852	85°34'33.13524"	20°46'45.82812"
10	351758.990	2298381.663	85°34'32.96100"	20°46'45.65784"
11	351740.310	2298353.215	85°34'32.32380"	20°46'44.72724"
12	351734.946	2298345.395	85°34'32.14092"	20°46'44.47164"
13	351696.166	2298348.186	85°34'30.96084"	20°46'44.55264"
14	351696.166	2298343.301	85°34'30.80064"	20°46'44.39244"
15	351673.580	2298352.147	85°34'30.01692"	20°46'44.67360"
16	351658.266	2298363.565	85°34'29.48376"	20°46'45.04044"
17	351653.985	2298374.193	85°34'29.33256"	20°46'45.38496"
18	351637.024	2298392.103	85°34'28.74072"	20°46'45.96240"
19	351652.574	2298417.360	85°34'29.27064"	20°46'46.78824"

DGPS CO-ORDINATES OF GEOREFERENCING POINTS				
PILLAR ID	EASTING	NORTHING	LONGITUDE	LATITUDE
GEO-1.	351560.677	2298495.394	85°34'26.06916"	20°46'49.29924"
GEO-2.	352493.588	2298297.770	85°34'58.38744"	20°46'43.14000"
GEO-3.	352552.332	2298059.703	85°35'00.49092"	20°46'35.41476"
GEO-4.	352338.447	2297081.897	85°34'53.39208"	20°46'03.55656"
GEO-5.	351203.592	2297636.343	85°34'13.98468"	20°46'21.26100"
GEO-6.	351470.920	2298205.153	85°34'23.05416"	20°46'39.83520"

DGPS Survey Conducted by



DIGITAL CARTOGRAPHY AND SERVICES (DCS) PVT.LTD.

1015,Bhaghat Smadhan,

GCP Canal Road, Rastulgarh,Bhubaneswar-25

- DGPS Survey of forest areas proposed for diversion in Stone Quarry Area of M/s. Sogar Stone Quarry at village Sogar coming under Kamakhyanagar Taluk in Dhankul district has been carried out by the user agency through M/s. DCS Pvt. Ltd., Bhubaneswar.
- DGPS survey co-ordinates are verified by ORSA. Also maps showing forest areas proposed for diversion are verified with geo-referenced cadastral sheet and compared with Ortho-rectified Cartosat Satellite image and found that maps are correct at a confidence level of 95%.
- All the forest areas proposed for diversion comes under Sakhi Kissanam Revenue forest in one patch, in one cadastral sheet of village Sogar and totals are to 1.048 Ha. from the submitted set of files against the allotted area of 1.085 Ha. as mentioned in the Submitted Land Schedule.

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Kamakhyanagar  
Tahas Patti  
G.P.