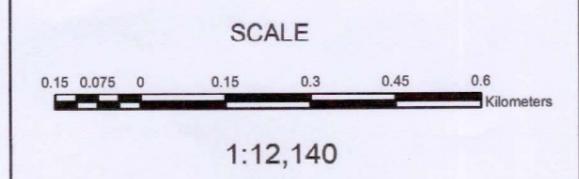


**MAP SHOWING THE DIVERSION OF FOREST LAND FOR LAYING OF 20" PIPELINE OF ABOUT 31 Kms. FROM OFFSHORE PLATFORM, THROUGH MOUTH OF THE GOUTAMI RIVER TO ONGC ONSHORE PLANT AT MALLAVARAM VILLAGE IN COMPARTMENT NO. 666 OF MATLATIPPA R.F. KAKINADA RANGE, EAST GODAVARI DISTRICT, ANDHRA PRADESH**



**LEGEND**

- DGPS POINTS
- SURVEYED AREA

SURVEYED AREA 2.67 Ha.

**DGPS CO-ORDINATES**

Sl.No.	Name	Easting	Northing	Elevation	Latitude	Longitude
1	FCAR1	635827.876813	1840331.827030	2.365	16.64152517	82.27357444
2	FCAR2	635947.117835	1840316.330600	0.074	16.64137825	82.27469137
3	FCAR3	636217.276949	1840225.737980	0.897	16.64054394	82.2772186
4	FCAR4	636490.451214	1840010.505510	1.834	16.63913222	82.2793615
5	FCAR5	636609.809145	1839940.838870	1.076	16.63794645	82.28088135
6	FCAR6	636815.371593	1839764.402340	0.811	16.63633999	82.28279779
7	FCAR7	636818.929574	1839793.479130	2.125	16.63660257	82.28283289
8	FCA	636678.024539	1839968.769820	-0.032	16.63819783	82.28105378
9	FCAR9	636422.536623	1840118.842740	3.522	16.63959001	82.27913643
10	FCAR10	636197.681553	1840223.112540	-0.955	16.64052134	82.27703427
11	FCAR11	635960.583243	1840326.176270	1.963	16.64140646	82.27481819
12	FCAR12	635811.360759	1840367.466960	1.177	16.64184822	82.27421274

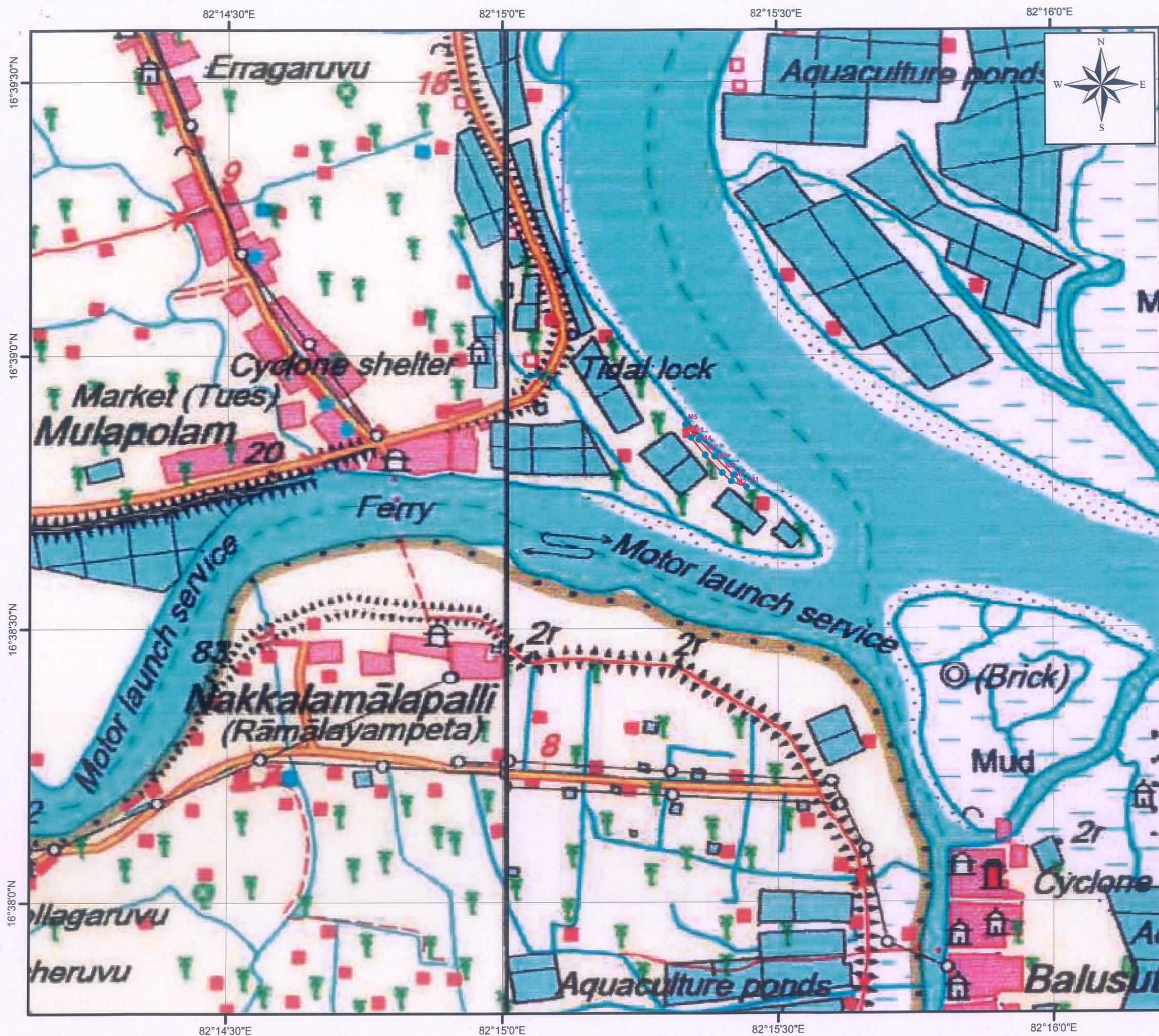
*Ravi Kumar Chacham*  
**RAVI KUMAR CHACHAM**  
 Chief General Manager (Civil)  
 EOA, ONGC, KAKINADA  
 for Project Manager KC-000-076

*Rathikisina*  
 Forest Section Officer  
 Rathikisina

*Kakinada Range, Kakinada*  
 Forest Range Officer  
 Kakinada Range, Kakinada

*Kakinada*  
 District Forest Officer  
 KAKINADA

Prepared By  
 Oil & Natural Gas Corporation Ltd. (ONGC),  
 Kakinada, East Godavari, Andhra Pradesh.



**MAP SHOWING THE DIVERSION FOREST LAND IN FAVOUR OF M/s. ONGC FOR LAYING OF 20" PIPE LINE (ABOUT 31 Kms.) PASSING THROUGH THE MANGROVE FOREST (DEEMED FOREST) MALLAVARAM VILLAGE, KAKINADA DIVISION, EAST GODAVARI DISTRICT**



1:17,000

**LEGEND**

- DGPS POINTS
- SURVEYED AREA NEAR MULAPALEM

"Mangrove Area" by Pipe Line Corridor - 0.44 Hactare.

TOTAL SURVEYED AREA - 0.44 Hactare.

- DGPS CO-ORDINATES
- M1.16.64597390-82.25737616
  - M2.16.64634211-82.25699402
  - M3.16.64691169-82.25643427
  - M4.16.64742539-82.25595352
  - M5.16.64788431-82.25554034
  - M6.16.64748574-82.25572615
  - M7.16.64695878-82.25615048
  - M8.16.64641073-82.25666475
  - M9.16.64615060-82.25693268
  - SOI BASE-16.95373422-82.2314138

*[Signature]*  
**Forest Range Officer**  
 Kakinada Range, Kakinada

*[Signature]*  
**RAVI KUMAR CHACHAM**  
 Chief General Manager (Civil)  
 EOA, ONGC, KAKINADA

*[Signature]*  
**Forest Section Officer**  
 Rathikalatra

*[Signature]*  
**District Forest Officer**  
 Kakinada Divn, Kakinada

Prepared By  
 Oil & Natural Gas Corporation Ltd. (ONGC),  
 Kakinada, East Godavari, Andhra Pradesh.

82°16'15"E

82°16'30"E

82°16'45"E

16°40'15"N

16°40'15"N

16°40'0"N

16°40'0"N



**MAP SHOWING THE DIVERSION  
FOREST LAND IN FAVOUR OF  
M/s. ONGC FOR LAYING OF  
20" PIPE LINE (ABOUT 31 Kms.)  
PASSING THROUGH THE  
MANGROVE FOREST (DEEMED FOREST)  
MALLAVARAM VILLAGE,  
KAKINADA DIVISION,  
EAST GODAVARI DISTRICT**



1:6,000

**LEGEND**

- DGPS POINTS
- SURVEYED AREA NEAR MULAPALEM

"Mangrove Area" by Pipe Line Corridor - 0.15 Hactare.

**TOTAL SURVEYED AREA:**  
BIT-1- 0.03 Hactare.  
BIT-2- 0.12 Hactare.  
TOTAL-0.15 Hactares.

**DGPS CO-ORDINATES**  
G1.16.66729759-82.27396931  
G2.16.66716410-82.27411762  
G3.16.66726182-82.2741933  
G4.16.66738978-82.27405057  
G5.16.66766639-82.27435324  
G6.16.66749168-82.27457406  
G7.16.66776423-82.27477216  
G8.16.66800922-82.27473644  
SOI BASE-16.95373422-82.2314138

*[Signature]*  
**Forest Range Officer**  
Kakinada Range, Kakinada

**RAVI KUMAR CHACHAM**  
Chief General Manager (Civil)  
EOA, ONGC, KAKINADA

*[Signature]*  
**Forest Section Officer**  
Rathikalava

*[Signature]*  
**District Forest Officer**  
Kakinada Divn., Kakinada

Prepared By *[Signature]*  
Oil & Natural Gas Corporation Ltd. (ONGC),  
Kakinada, East Godavari, Andhra Pradesh.

82°16'15"E

82°16'30"E

82°16'45"E