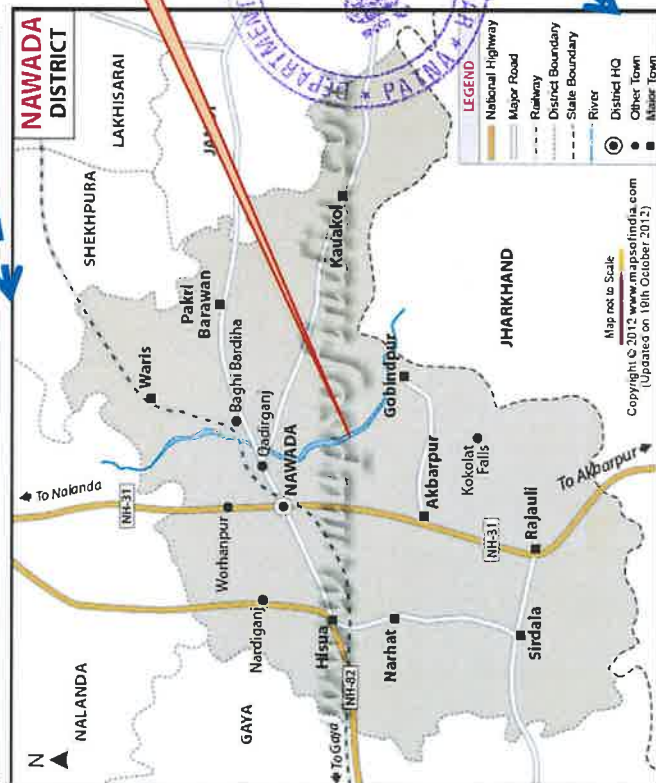
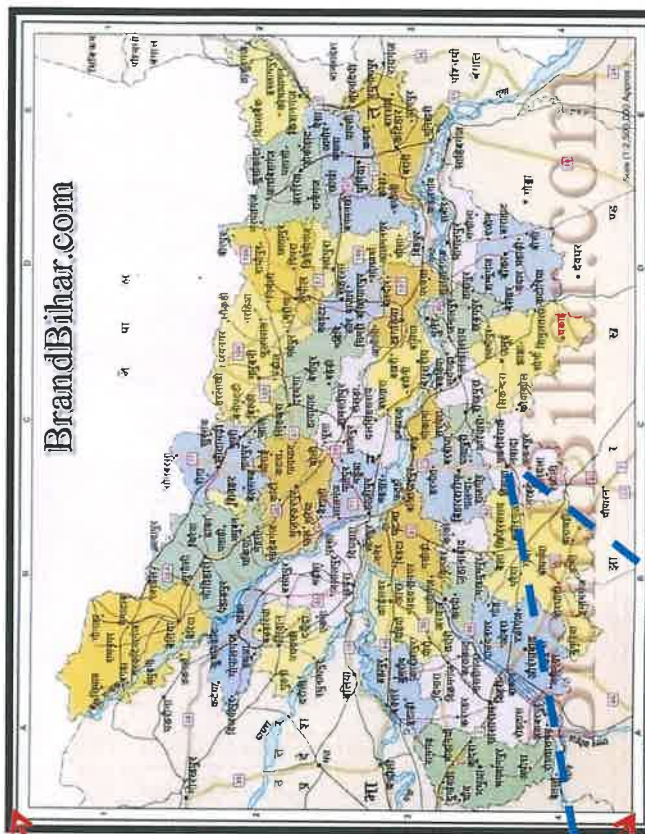
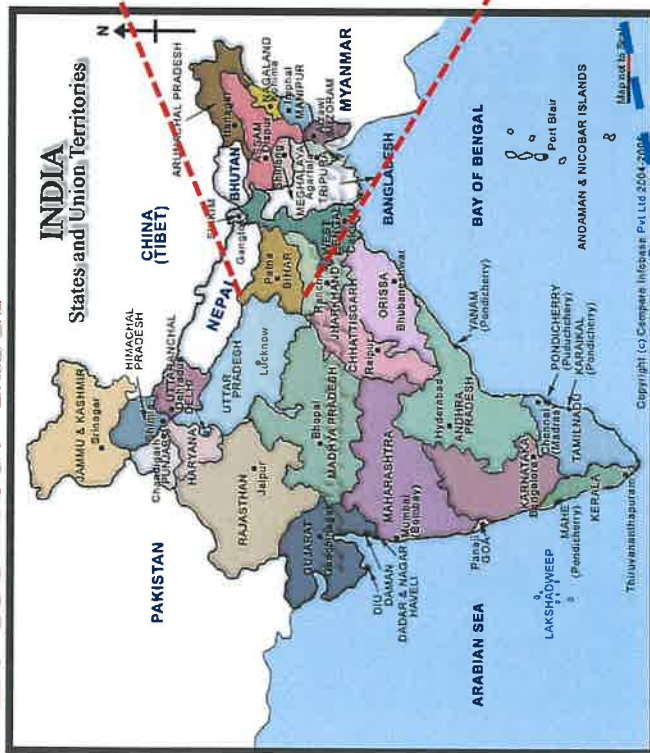


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# PLATES

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# LOCATION MAP



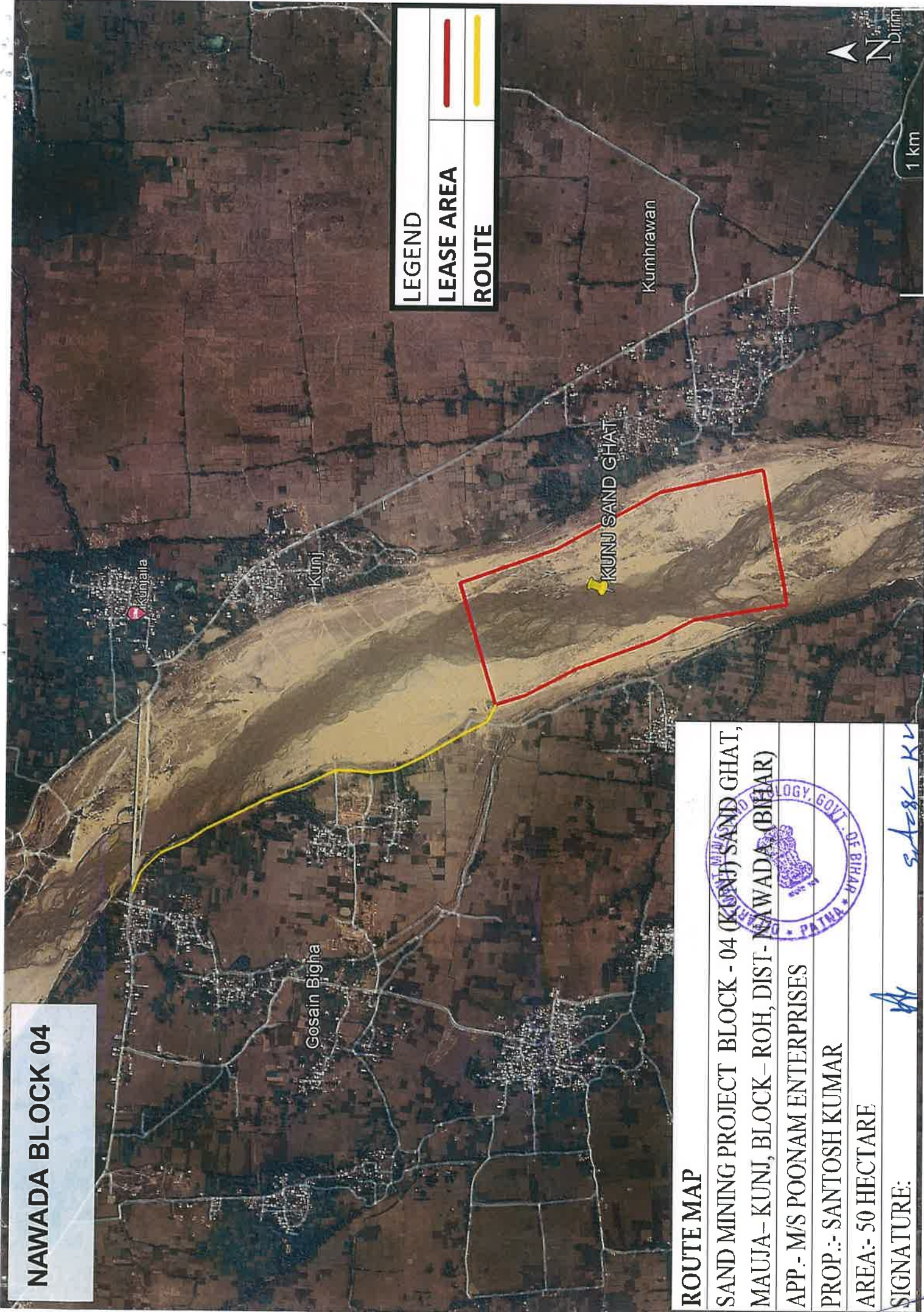
KUNJ

Plate No.1

|                                                                                                               |  |
|---------------------------------------------------------------------------------------------------------------|--|
| <b>LOCATION MAP</b>                                                                                           |  |
| BLOCK- 04 (KUNJ) SAND GHAT (AREA- 50.0 HA.)<br>SAKRI RIVER<br>MAUJA- KUNJ, BLOCK- ROH, DIST- NAWADA, (BIHAR). |  |
| SETTLEE :- M/S POONAM ENTERPRISES,<br>PROP.- SANTOSH KUMAR                                                    |  |
| PREPARED BY :- REG. NO. - RQP/BIH/SR.NO.20 LETTER NO. 3825<br>DATED 07/11/2019                                |  |
| SIGNATURE                  |  |

Santosh Kumar

# NAWADA BLOCK 04



## ROUTE MAP

SAND MINING PROJECT BLOCK - 04 (KUNJ) SAND GHAT,  
MAUJA-KUNJ, BLOCK-ROH, DIST-NAWADA (BIHAR)

APP.- M/S POONAM ENTERPRISES

PROP.- SANTOSH KUMAR

AREA:- 50 HECTARE

SIGNATURE:

*Santosh Kumar*

LEASE AREA

LEASE AREA

500 M BOUNDARY

Sabote

Laxmipur

Kuni

## Kumhrawan

KUNJI SANDGHAT

Dirimu Bara

Taipur

1 km

SAND MINING PROJECT BLOCK - 04 (KUNJ) SAND GHAT,  
MAUJA- KUNJ, BLOCK-ROH, DIST-NAWADA, (BIHAR)

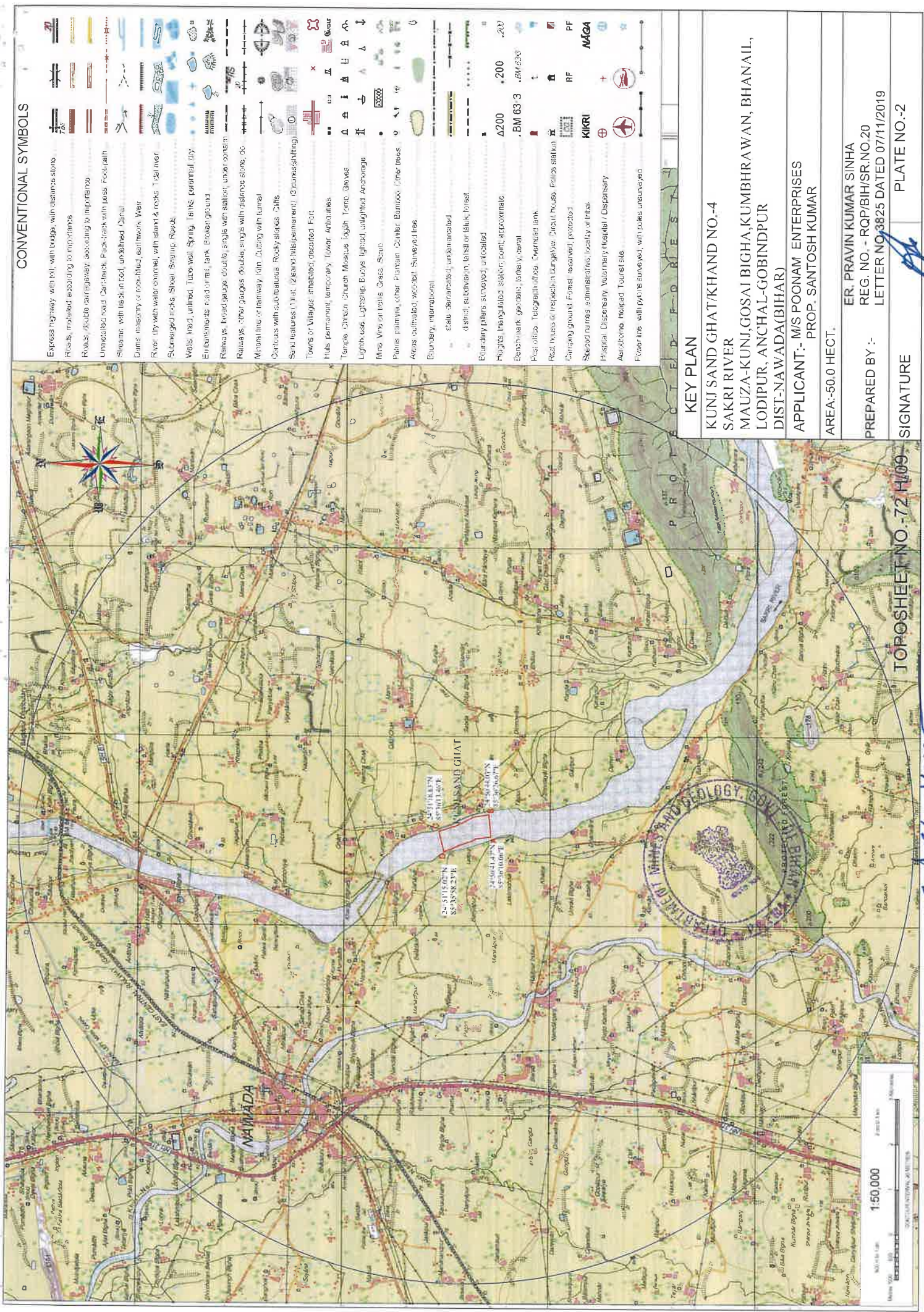
APP.- M/S POONAM ENTERPRISES

PROP.: SANTOSH KUMAR

AREA:- 50 HECTARE

**SIGNATURE:**

Chad



CONVENTIONAL SYMBOLS

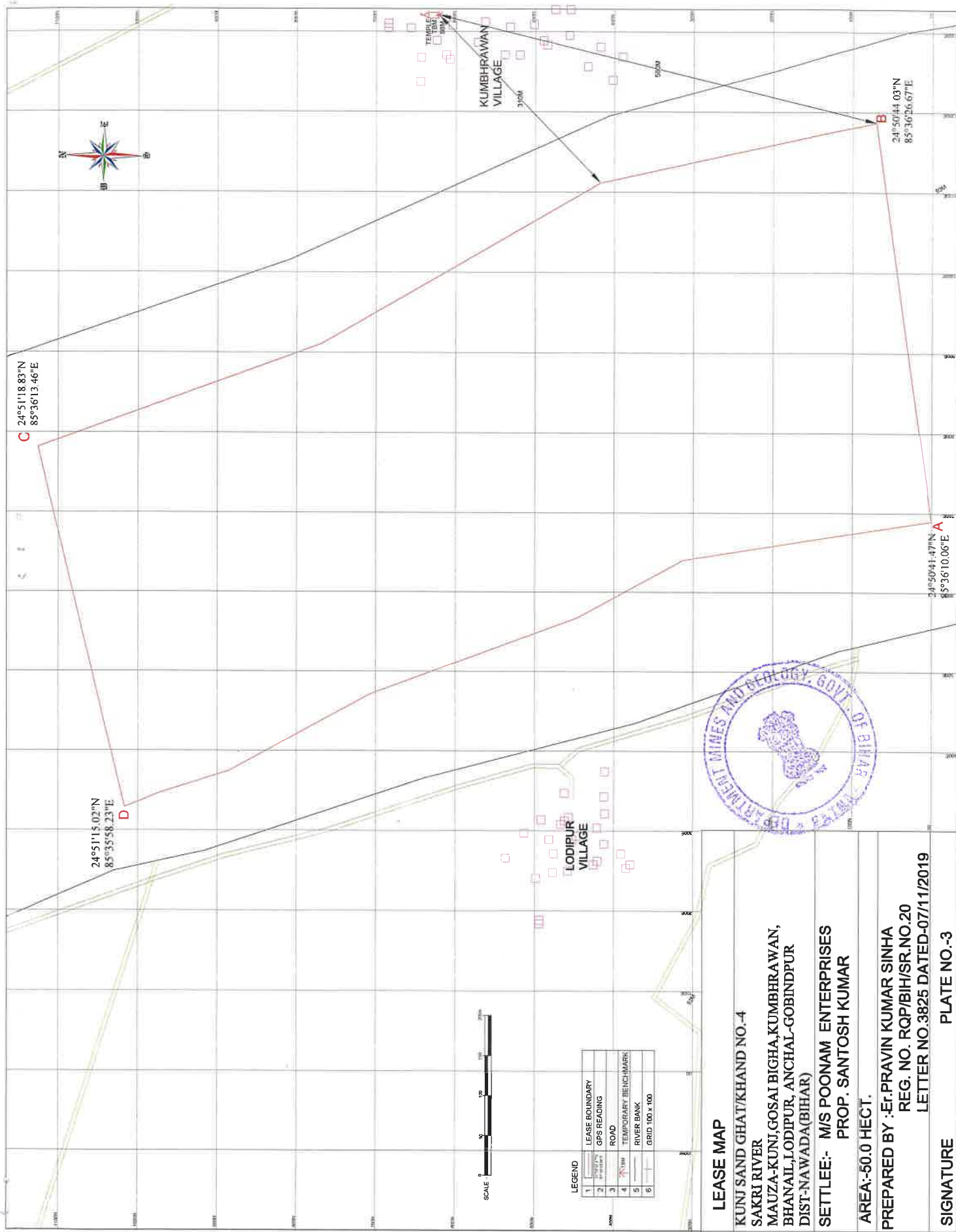
|  |                                                                        |
|--|------------------------------------------------------------------------|
|  | Express highway with toll, with bridge, with distance stone            |
|  | Roads, metalled, according to importance                               |
|  | Roads, double surface, according to importance                         |
|  | Unmetalled road, Cart-track, Foot-track with pass, Foot-path           |
|  | Streams, with bridge in foot, unbridged, Canal                         |
|  | Dams, masonry, or rock-filled, earthwork, Weir                         |
|  | River, dry with water channel, with slant & rocks, Tidal river         |
|  | Submerged rocks, Shovel, Stepping, Rocks                               |
|  | Wells, hand, unlined, Tube well, Spring, Tanks, perennial, dry         |
|  | Embankments, road or rail, tank, Broken ground                         |
|  | Railways, broad gauge, double, single with station, under construction |
|  | Mountain line or railway line, Cutting with tunnel                     |
|  | Outcrops with subterranean, Rocky slopes, Cliffs                       |
|  | Sand features (flats, (2) sand hills (permanent), (3) dunes (shifting) |
|  | Towns or Villages, marked, deserted, Fort                              |
|  | Hills, permanent, temporary, Tower, Annularities                       |
|  | Temples, Chhatra, Mosque, Dargah, Tomb, Graves                         |
|  | Lighthouses, Lightship, Buoy, lighted, unlighted, Anchorage            |
|  | Mine, Vins on trails, Grass, Sand                                      |
|  | Plains, paddy, other, Platform, Center, Bamboo, Other trees            |
|  | Areas, cultivated, wooded, Surveyed, Irrig./                           |
|  | Boundary, international                                                |
|  | State, demarcated, un-demarcated                                       |
|  | district, subdivision, taluk, or block, forest                         |
|  | Boundary, plains surveyed, uncollected                                 |
|  | Heights, triangulated station, point, approximate                      |
|  | Bench mark, geodetic, ordinary, canal                                  |
|  | Post office, Telegraph office, Overhead tank                           |
|  | Rest houses or inspection bungalow, Circuit house, Police station      |
|  | Camp, ground, Forest, reserved, protected                              |
|  | Steep, narrow, administrative, locality or initial                     |
|  | Hospital, Dispensary, Veterinary hospital, Dispensary                  |
|  | Aerodrome, Helipad, Tourist site                                       |
|  | Floor line, with points surveyed, with points unsurveyed               |

KEY PLAN

KUNJ SAND GHAT/KHAND NO.-4  
SAKRI RIVER  
MAUZA-KUNJ, GOSAI BIGHA, KUMBHRAWAN, BHANAIL,  
LODIPUR, ANCHAL-GOBINDPUR  
DIST-NAWADA (BIHAR)  
APPLICANT:- M/S POONAM ENTERPRISES  
PROP.- SANTOSH KUMAR  
AREA:- 50.0 HECT.  
ER. PRAVIN KUMAR SINHA  
REG. NO. - RQP/BIH/SR.NO.20  
LETTER NO.3825 DATED 07/11/2019  
SIGNATURE  
PLATE NO.-2

TOROSHEET NO - 72 H/09

S. A. K. - K. M.



**LEASE MAP**

KUNJ SAND GHAT/KHAND NO. 4  
SAKRI RIVER  
MAUZA-KUNJ, GOSAI BIGHA, KUMBHRAWAN,  
BHANAIL, LODIPUR, ANCHAL-GOBINDPUR  
DIST-NAWADA(BIHAR)

SETTLEE:- M/S POONAM ENTERPRISES  
PROP. SANTOSH KUMAR

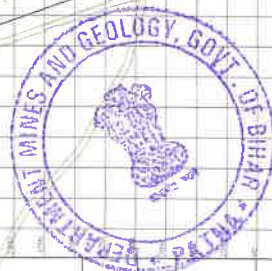
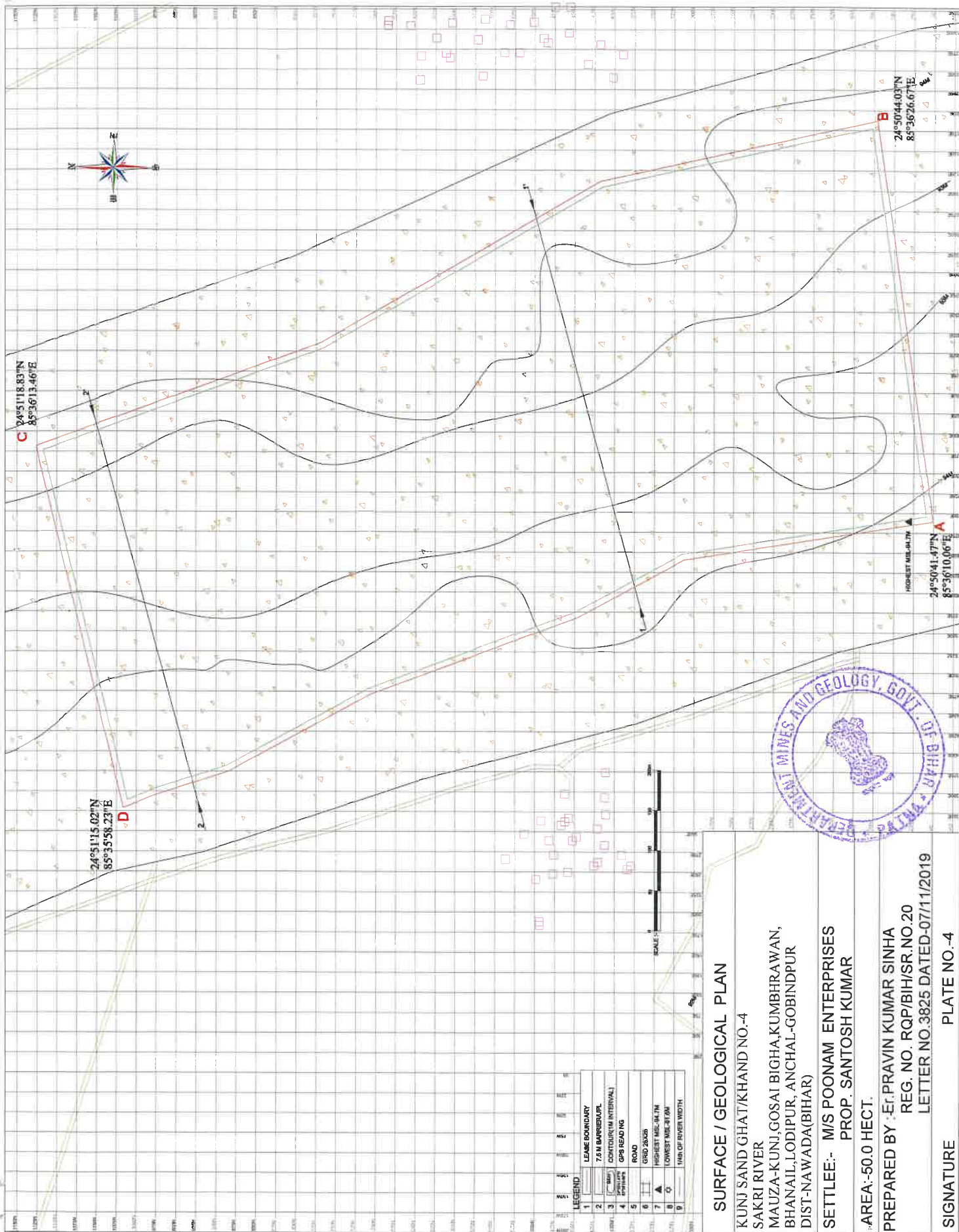
AREA:-50.0 HECT.

PREPARED BY :Er.PRAVIN KUMAR SINHA  
REG. NO. RQP/BIH/SR.NO.20  
LETTER NO.3825 DATED-07/11/2019

SIGNATURE

PLATE NO.-3

*S. Anil Kumar*



# **SURFACE / GEOLOGICAL PLAN**

KUNI SAND GHAT/KHAND NO.-4  
 SAKRI RIVER  
 MAUZA-KUNJ, GOSAI BIGHA, KUMBHAWAN,  
 BHANAIL, LODIPUR, ANCHAL-GOBINDPUR  
 DIST.-NAWADA(BIHAR)

SETTLEE:- M/S POONAM ENTERPRISES  
 PROP. SANTOSH KUMAR

AREA:-50.0 HECT.

PREPARED BY :- E.PRAVIN KUMAR SINHA  
 REG. NO. RQP/BIH/SR.NO.20  
 LETTER NO.3825 DATED-07/11/2019

SIGNATURE

PLATE NO.-4

*Santosh Kumar*



LEGEND

|   |                                |
|---|--------------------------------|
| 1 | LEASE BOUNDARY (LB)            |
| 2 | 7.5 M BARRIER/UPL              |
| 3 | ROAD                           |
| 4 | PROVED RESERVE (111)           |
| 5 | PROBABLE RESERVE (122)         |
| 6 | FEASIBILITY RESOURCE (211)     |
| 7 | PRE FEASIBILITY RESOURCE (222) |



GEOLOGICAL /PIT SECTIONS

KUNJ SAND GHAT/KHAND NO.-4

SAKRI RIVER

MAUZA-KUNJ, GOSAI

BIGHA, KUMBHRAWAN,

BHANAIL, LODIPUR, ANCHAL-GOBINDPUR

DIST-NAWADA (BIHAR)

SETTLEE:- M/S POONAM ENTERPRISES

PROP. SANTOSH KUMAR

AREA:- 50.0 HECT.

PREPARED BY :- ER. PRAVIN KUMAR SINHA

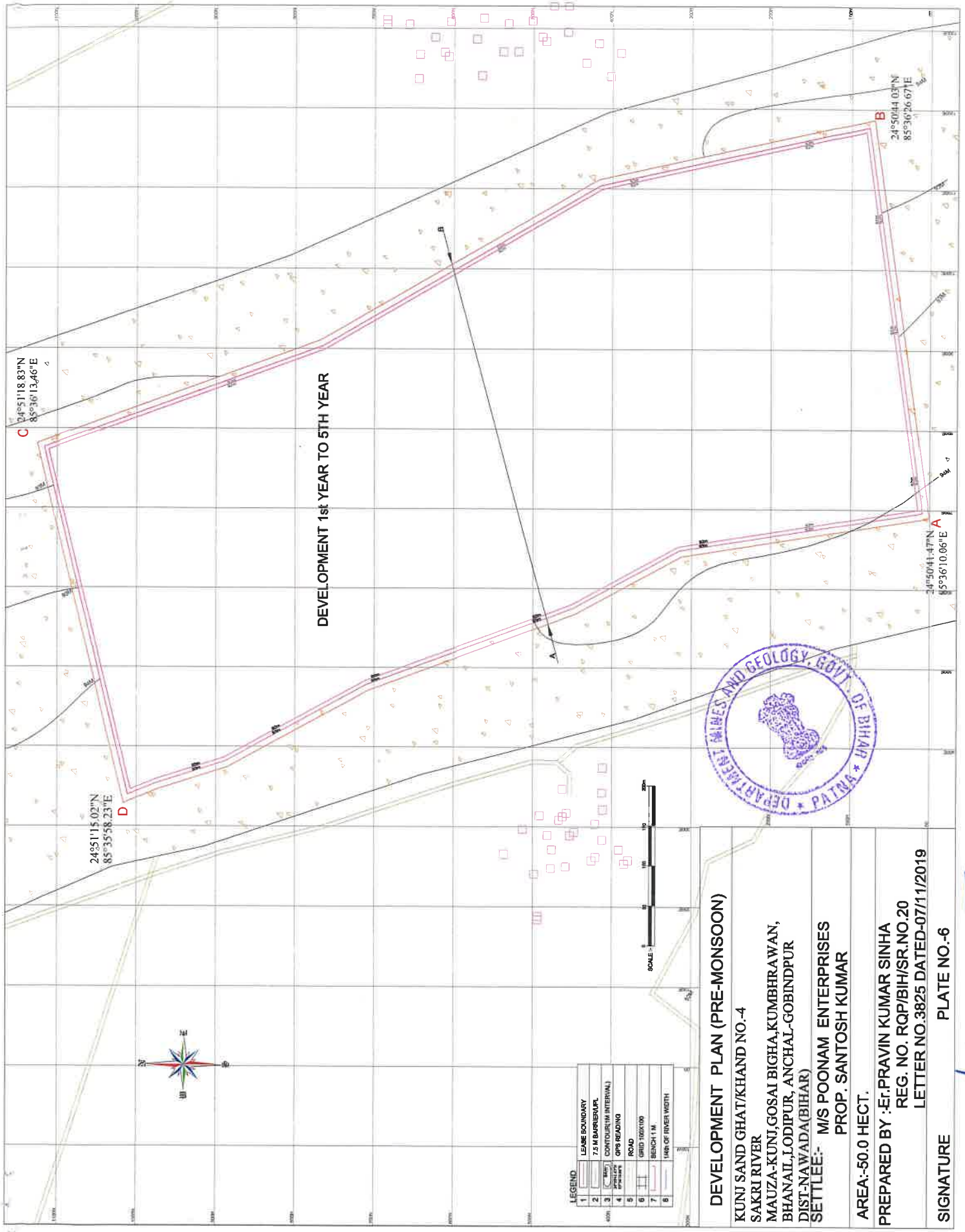
REG. NO. RQP/BIH/SR.NO.20

LETTER NO.3825 DATED-07/11/2019

SIGNATURE

PLATE NO.-5

*Santosh Kumar*



| LEGEND |                      |
|--------|----------------------|
| 1      | LEASE BOUNDARY       |
| 2      | 7.5 M BARRIER        |
| 3      | CONTOUR (M INTERVAL) |
| 4      | GPS READING          |
| 5      | ROAD                 |
| 6      | GRID 100X100         |
| 7      | 1/4\"/>              |

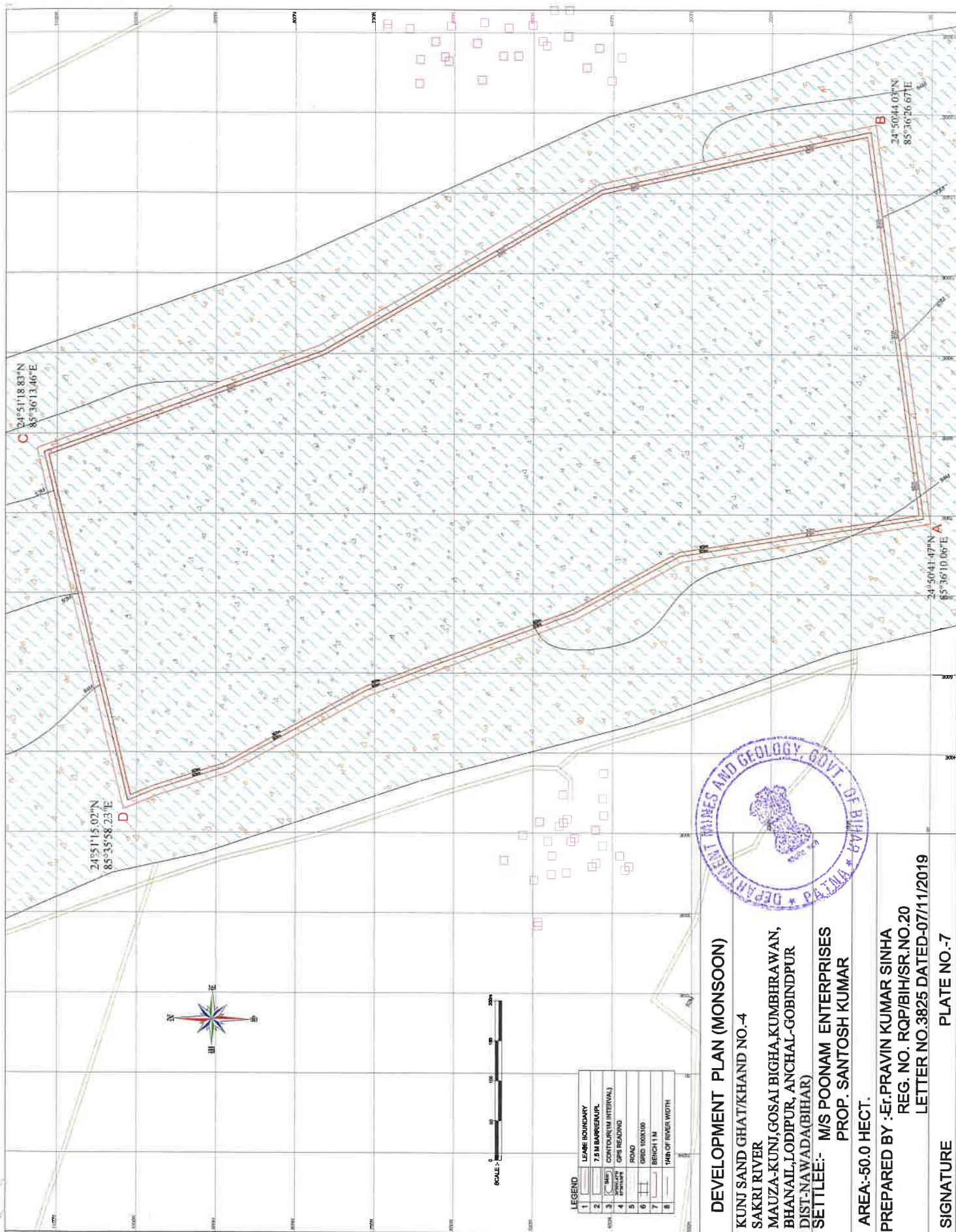


**DEVELOPMENT PLAN (PRE-MONSOON)**

KUNJ SAND GHAT/KHAND NO.-4  
SAKRI RIVER  
MAUZA-KUNJ, GOSAI BIGHA, KUMBRAWAN,  
BHANAIL, LODIPUR, ANCHAL-GOBINDPUR  
DIST.-NAWADA (BIHAR)  
SETTLEE:- M/S POONAM ENTERPRISES  
PROP. SANTOSH KUMAR  
AREA:-50.0 HECT.  
PREPARED BY :-ER. PRAVIN KUMAR SINHA  
REG. NO. RQP/BIH/SR.NO.20  
LETTER NO.3825 DATED-07/11/2019  
SIGNATURE PLATE NO.-6



*Santosh Kumar*



| LEGEND |                       |
|--------|-----------------------|
| 1      | LEASE BOUNDARY        |
| 2      | 7.5 M BARRIER         |
| 3      | MAP                   |
| 4      | CONTOUR (5M INTERVAL) |
| 5      | GPS BEARING           |
| 6      | ROAD                  |
| 7      | GRID 100X100          |
| 8      | BENCH 1 M             |
| 9      | 14M OF RIVER WIDTH    |



### DEVELOPMENT PLAN (MONSOON)

KUNJ SAND GHAT/KHAND NO.-4  
SAKRI RIVER  
MAUZA-KUNJ, GOSAI BIGHA, KUMBHRAWAN,  
BHANAIL, LODIPUR, ANCHAL-GOBINDPUR  
DIST-NAWADA (BIHAR)

SETTLEE:- M/S POONAM ENTERPRISES  
PROP. SANTOSH KUMAR

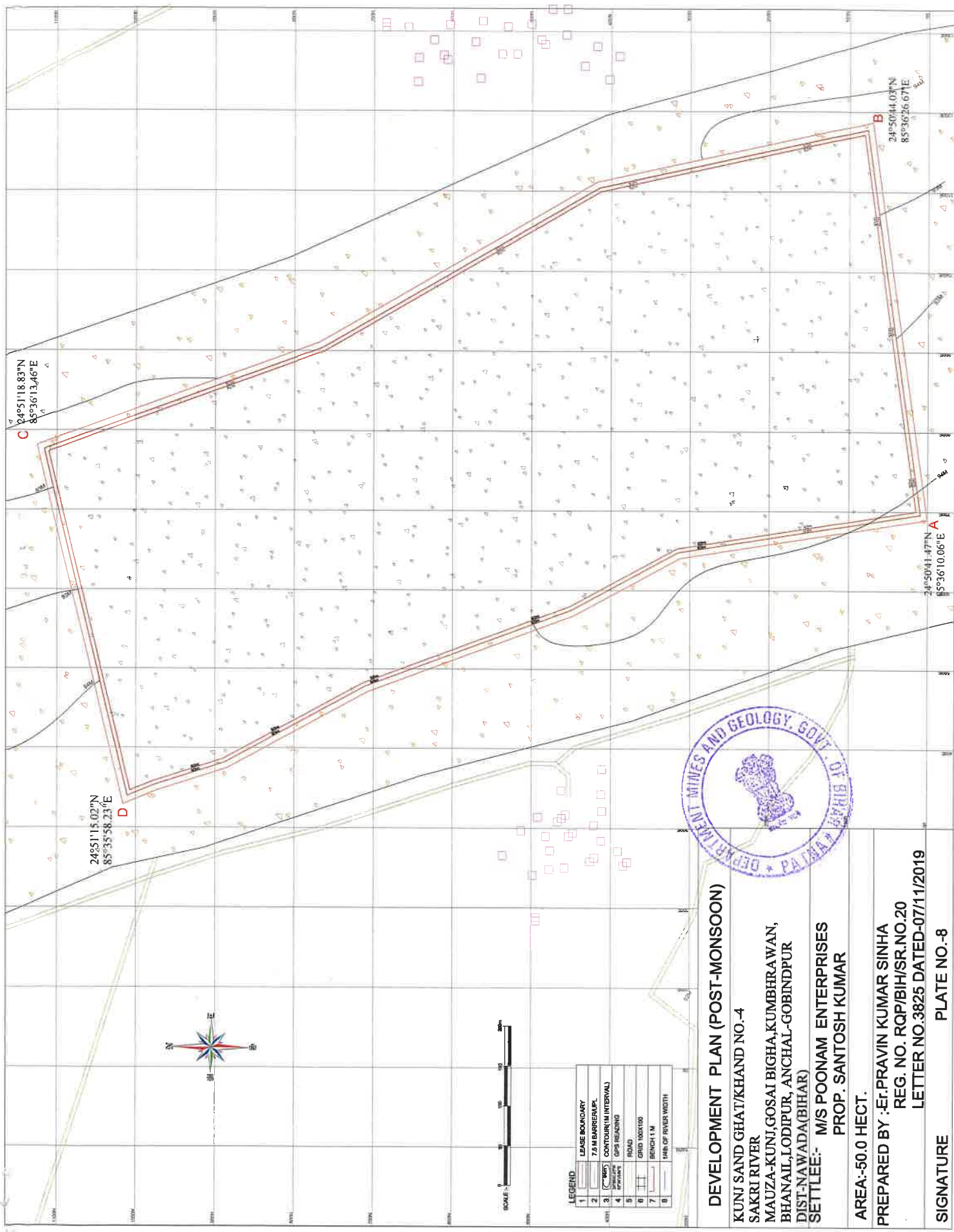
AREA:-50.0 HECT.

PREPARED BY :Er.PRAVIN KUMAR SINHA  
REG. NO. RQP/BIH/SR.NO.20  
LETTER NO.3825 DATED-07/11/2019

SIGNATURE

PLATE NO.-7

*Santosh Kumar*



**DEVELOPMENT PLAN (POST-MONSOON)**

KUNJ SAND GHAT/KHAND NO.-4  
SAKRI RIVER  
MAUZA-KUNJ, GOSAI BIGHA, KUMBHAWAN,  
BHANAIL, LODIPUR, ANCHAL-GOBINDPUR  
DIST-NAWADA(BIHAR)

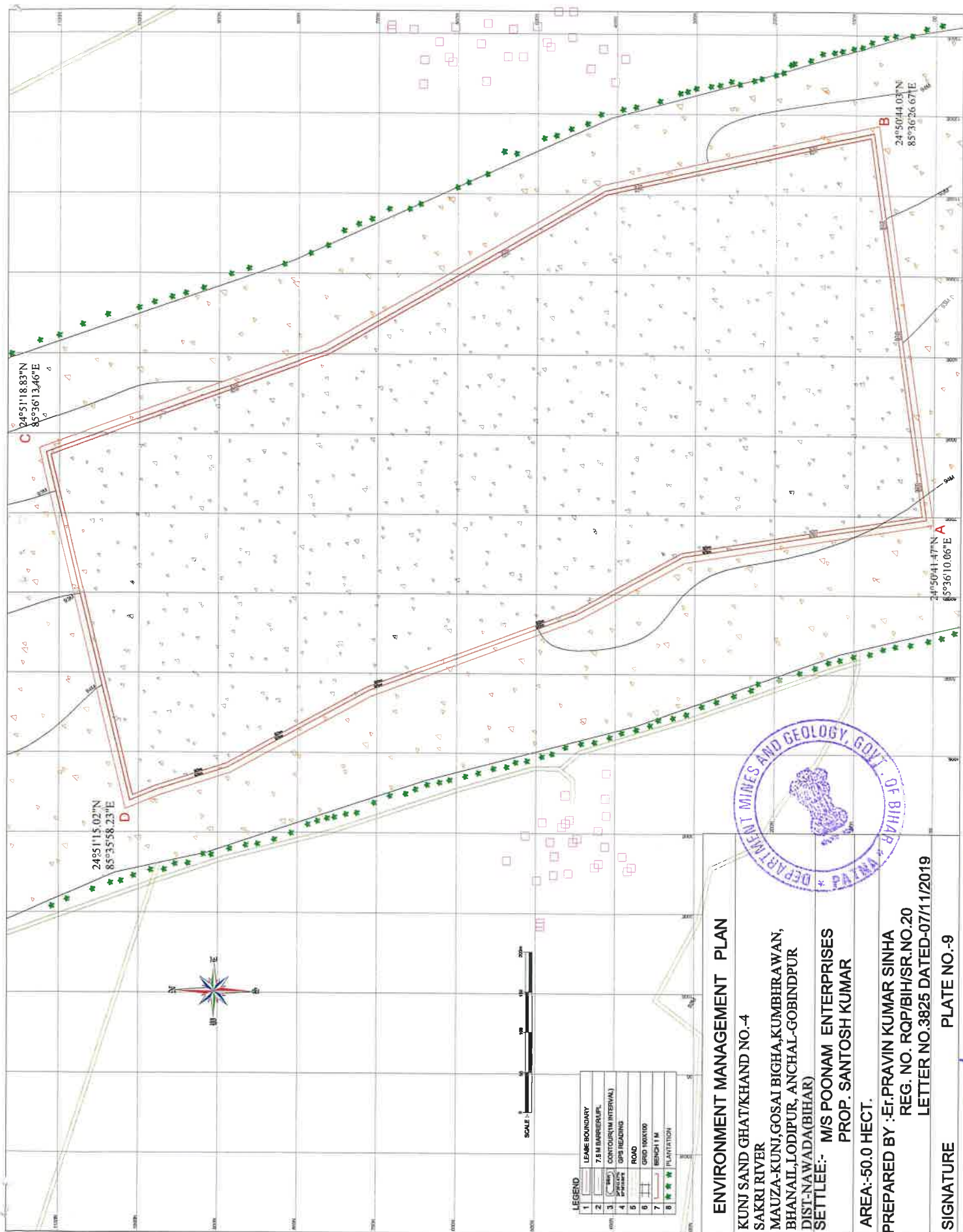
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PROP. SANTOSH KUMAR

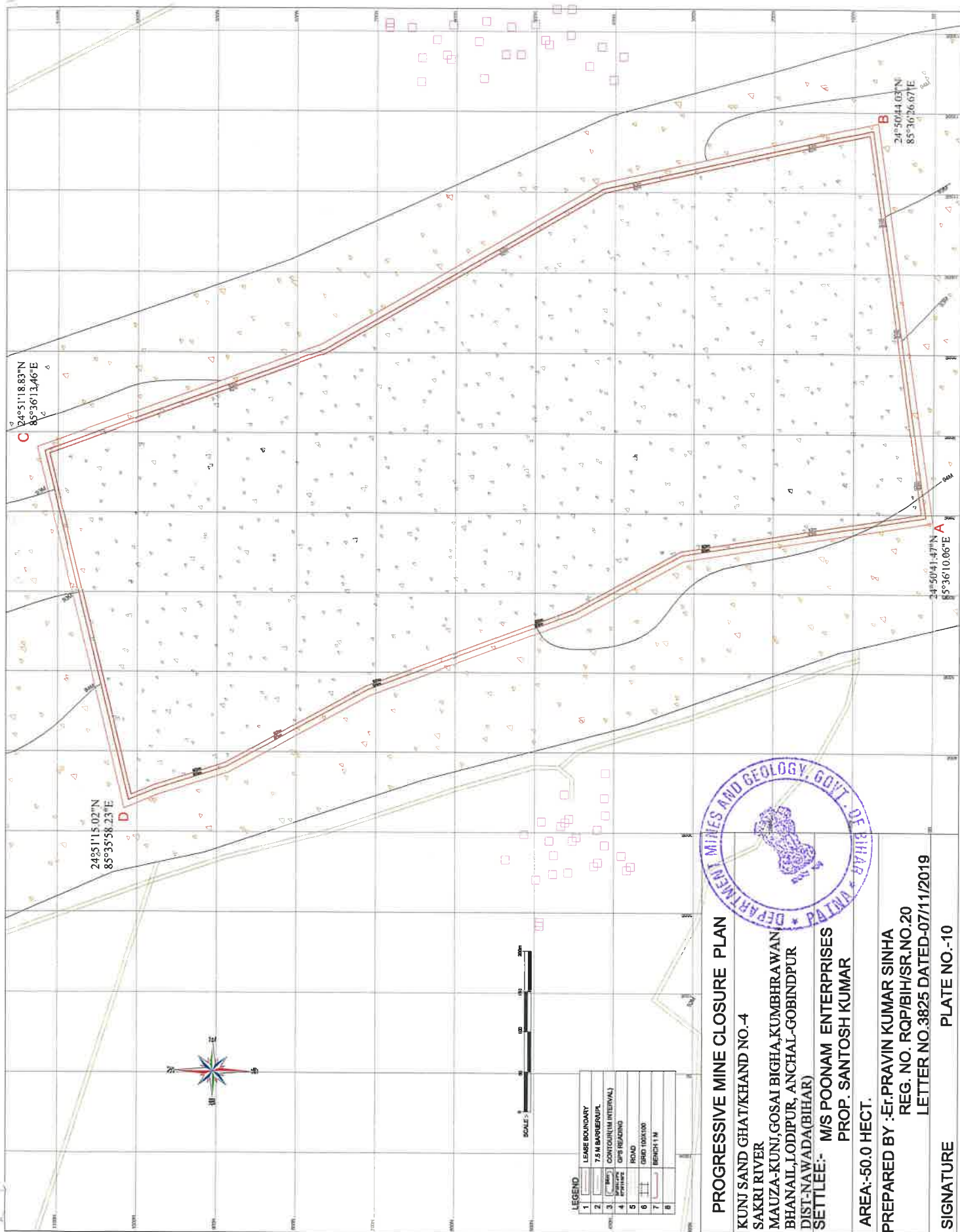
AREA:-50.0 HECT.

PREPARED BY :-E.PRAVIN KUMAR SINHA  
REG. NO. RQP/BIH/SR.NO.20  
LETTER NO.3825 DATED-07/11/2019

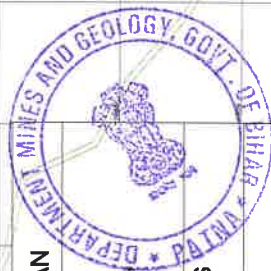
SIGNATURE PLATE NO.-8

*Santosh Kumar*





| LEGEND |                  |
|--------|------------------|
| 1      | LEASE BOUNDARY   |
| 2      | 7.5 M MARGIN     |
| 3      | CONTOUR INTERVAL |
| 4      | GPS READING      |
| 5      | ROAD             |
| 6      | GRID 100X100     |
| 7      | BENCH 11 M       |
| 8      |                  |



# PROGRESSIVE MINE CLOSURE PLAN

KUNJ SAND GHAT/KHAND NO.4  
 SAKRI RIVER  
 MAUZA-KUNJ, GOSAI BIGHA, KUMBHRAWAN,  
 BHANAIL, LODIPUR, ANCHAL-GOBINDPUR  
 DIST-NAWADA(BIHAR)  
 SETTLEE:- M/S POONAM ENTERPRISES  
 PROP. SANTOSH KUMAR

AREA:-50.0 HECT.

PREPARED BY :-ER.PRAVIN KUMAR SINHA  
 REG. NO. RQP/BIH/SR.NO.20  
 LETTER NO.3825 DATED-07/11/2019

SIGNATURE PLATE NO.-10

*Santosh Kumar*