



A JOINT VENTURE OF
INDIAN OIL, HINDUSTAN PETROLEUM
& BHARAT PETROLEUM

IHB Limited

(Formerly known as IHB Private Limited)
Central Construction Office

C/o Club 07

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P.O. Bopal

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Justification for Locating the Project in Forest Area

Subject: Proposal for diversion of 0.7524 Ha. of Forest Land for Setting Up Pigging Station at Village Vijagadh in Dahod District, for Kandla Gorakhpur LPG Pipeline Project.

IHB Limited a Joint Venture of three Government of India Undertaking PSU companies namely Indian Oil Corporation Limited (IOCL), Bharat Petroleum Corporation Limited (BPCL) and Hindustan Petroleum Corporation Limited (HPCL) has been entrusted by PNGRB for laying LPG pipeline from Kandla to Gorakhpur. This Pipeline project is being implemented in phased manner.

In this project, Pigging station has to be set up at Village Vijagadh in Dahod District. The intent of the Pigging station is to ensure safety and reliability of the Pipeline, and this station will be used for the purpose of regular maintenance. Additionally, Pigging station will be used for cleaning of the pipeline by receiving and launching the PIG (Pipeline Inspection Gauge) in Pipeline.

Further required provisions shall be made inside the station for monitoring of operating parameters like pressure, temperature of product (LPG). In case of emergency required Firefighting arrangement and sufficient water storage will be provided.

To accommodate above facilities as per OISD guidelines minimum 0.7524 Ha. parcel of land for Pigging Station is required at all weather approach road.

As per pipeline design and hydraulics of terrain the said Pigging station is coming at KGPL chainage 136.600 km (Ex Dumad).

Upon detailed survey, the above-mentioned land is the only available land. The location of these land parcels is, Survey No. 213, Village Vijagadh, Taluka Dahod, District Dahod and this location is falling in forest land under Devgadhi Baria Forest division.

For and on behalf of IHB Limited,

Chandra Shekhar
Dy. General Manager (PJ)
IHB Private Limited
Central Construction Office
IOCL, Sabarmati Terminal,
Near D Cabin, Sabarmati,
Ahmedabad-380019

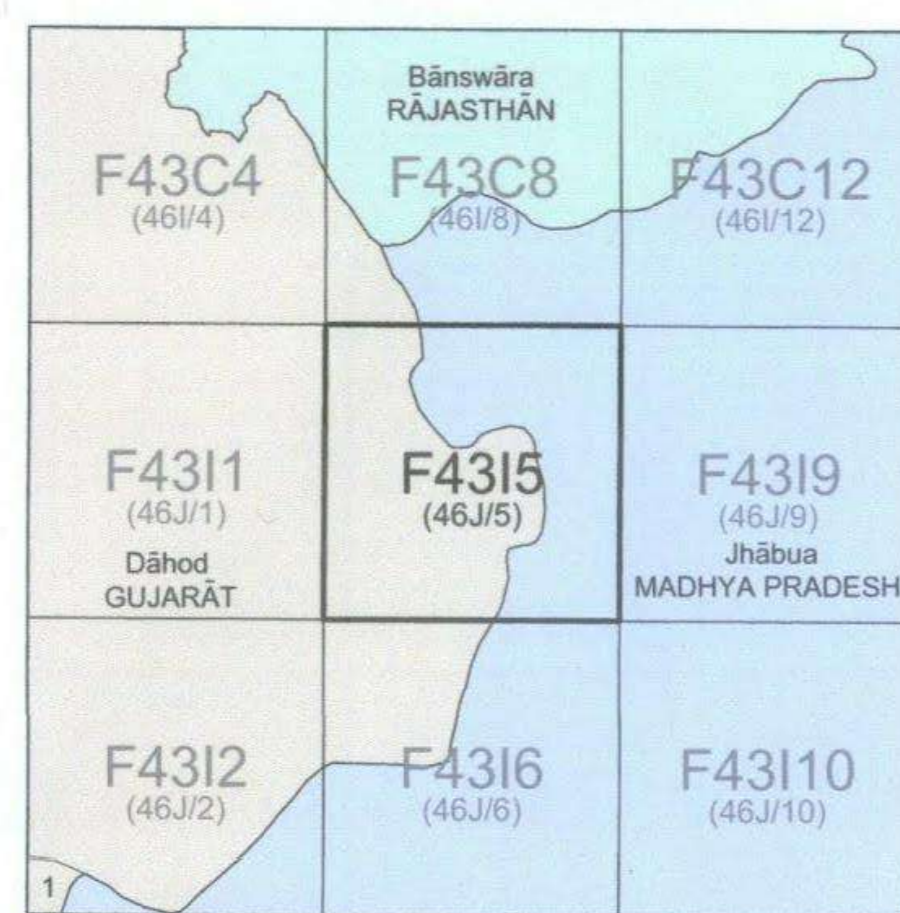
CIN : U60230GJ2019PLC109127

Regd. Office : IOCL, Sabarmati Terminal, Near D Cabin, Sabarmati, Ahmedabad - 380019, Gujarat

निर्यात के लिए नहीं NOT FOR EXPORT

No. F4315

Scale 1:50,000



भारतीय सर्वेक्षण विभाग

1st Edition 2011.

Price : Rs. 70/-

CONVENTIONAL SYMBOLS

Express highway; with bridge, with distance alone		
Roads, classified according to importance		
Roads, double carriageway according to importance		
Unmanned rail; cart-track. Rack-track with pass. Foot-path		
Streams; with track in bed; unforded Canal		
Dams; masonry or rock-filled; earthenwork, Weir		
River; dry with water channel; with island & rocks. Tidal river		
Submerged rocks. Shoal. Swamp; Reeds		
Wells; lined, unlined. Tube-well. Spring. Tarn; perennial; dry		
Embankments; road or rail; track. Broken ground		
Railways, broad gauge; double; single with station; over centre		
Railways, narrow gauge; double; single with distance alone		
Mineral line or tramway. Kink. Cutting with tunnel		
Contours with sub-heights. Road; rocky. Cliffs		
Sea features (Yajit) (Zhang-fishline) (Ships/shifting)		
Towns or Villages; uninhabited; deserted. Fort		
Huts; permanent; temporary. Tower. Anglicks		
Temple; Chhatra; Church. Mosque. Lighthouse. Graves		
Lighthouse. Lighthouse. Buoy; lighted; unlighted. Anchorage		
Mine. View on trellis. Grass. Scrub		
Palms; palms; other. Plantain. Conifer. Bamboo. Other trees		
Areas; cultivated; wooded. Surveyed tree		
Boundary, international		
state demarcated; undemarcated		
district; subdivision; taluk or thika; forest		
Boundary points; surveyed; uncalculated		
Heights, triangulation; station; point, approximate		
Bench-mark; station; point; canal		
Canals		
Road house or inspection bungalow; police house. Police station		
Camping ground; Forest; reserved; protected		
Spiced names; administrative; locality or tribal		
Hospital, Dispensary; Veterinary Hospital / Dispensary		
Aerodrome. Helipad. Tourist site		
Power line, with poles surveyed; with poles unsurveyed		

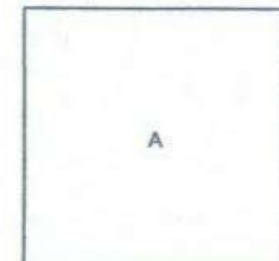
REFERENCE

NH 59 National Highway No. 59

NOTES :-

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, e.g., Δ represents the approximate height, in metres, between the top and bottom of a steep slope.
Cart-tracks and unmetalled roads in this sheet, against which there is no descriptive remark, are generally jeepable in dry season.
Tanks, shown dry, in this area usually contain water from July to February.

COMPILATION INDEX



Projection - UTM Datum - WGS 84

Magnetic Variation from True North about $\frac{1}{2}^{\circ}$ West in 2005.
(Decreasing by about $1'$ annually).

1:50,000

A horizontal number line representing distance. On the left, it is labeled 'Metres' and has markings at 500 and 1000. The line continues to the right, labeled 'Kilometres', with markings at 1, 2, and 3. The distance from 0 to 1000 metres is divided into two equal segments by the 500 mark. The distance from 1 to 2 kilometres is also divided into two equal segments by an unmarked point.

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact

Director
Gujarāt, Damān & Diu Geo-Spatial Data Centre
Survey of India, Sactor 10(A)
Gāndhīnagar.

WEBSITE - www.surveyofindia.gov.in

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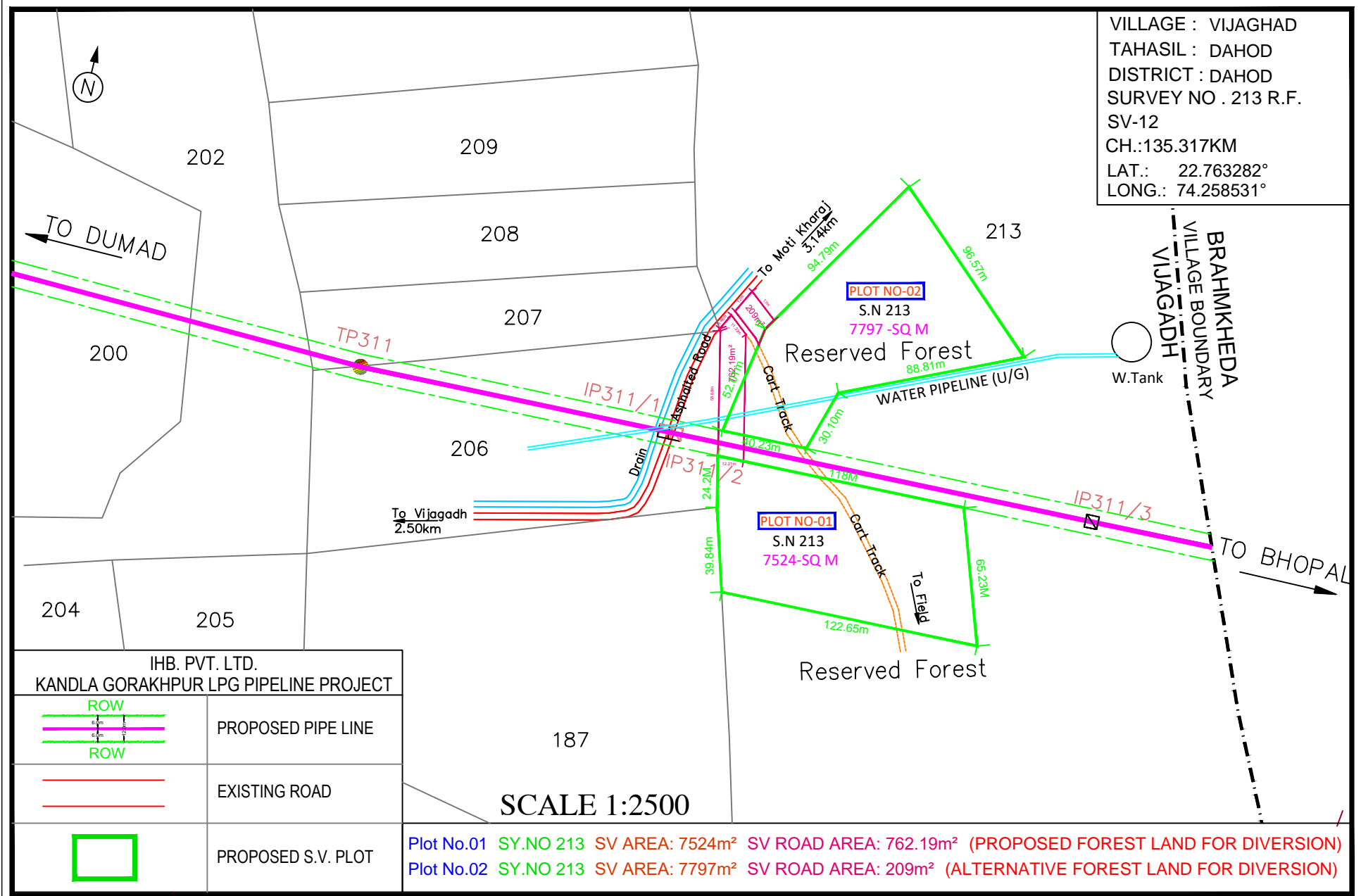


REG. No. -SPG D'11 (GD&D GDC-1:50,000)

भारत के महासर्वेक्षक, स्वर्ण: सुब्बा राव, बी०ई०, के निदेशन में प्रकाशित,
Published under the direction of Swarna Subba Rao, B.E., Surveyor General of India,
Survey of India, Hāthibarkala Estate, Post Box No.37, Dehra Dūn-248001 (Uttarākhānd
Department of Science & Technology, Government of India.

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VILLAGE : VIJAGHAD
 TAHASIL : DAHOD
 DISTRICT : DAHOD
 SURVEY NO . 213 R.F.
 SV-12
 CH.:135.317KM
 LAT.: 22.763282°
 LONG.: 74.258531°



Plot No.01 SY.NO 213 SV AREA: 7524m² SV ROAD AREA: 762.19m² (PROPOSED FOREST LAND FOR DIVERSION)
 Plot No.02 SY.NO 213 SV AREA: 7797m² SV ROAD AREA: 209m² (ALTERNATIVE FOREST LAND FOR DIVERSION)

(Signature)
 Chandra Shekhar
 Dy. General Manager (PJ)
 IHB Private Limited
 Central Construction Office
 10CL, Sabarmati Terminal,
 Near O Cabin, Sabarmati,
 Ahmedabad-380019

Alternative Examined
Comparative Statement

1. Online Proposal No.: FP/GJ/Pipeline/149154/2021

Comparative Statement				
S. No.	Revenue Survey No.	Village, Taluka, District	Forest Area Required for the Diversion	
1	213	Vijagadh, Dahod, Dahod	7797 Sq. Mtr.	Alternative 1
2	213	Vijagadh, Dahod, Dahod	7524 Sq. Mtr.	Proposed Land

Note: While selecting the land parcel for pigging station following technical criteria is required to be met:

- Shape & Size of plot to meet the requirement for placement of various facilities within the boundary wall as per the OISD-214.
- All weather approach road having sufficient width and strength, considering heavy vehicular movement like fire tender and Emergency Evacuation Equipment (EEE) and LPG tankers.
- Plot should be at higher elevation in comparison to near vicinity area, as it will help in dispersal of gas in case of any emergency situation.
- Pipeline should pass through the plot as pig receiving and launching facilities are required to be placed. The proposed location is finalized based on the technical inputs and it is the most suitable location.
- Location of plot should meet inter-distance criteria between two SV/IPS stations of 12 Km in area with high population density index or as recommended by Oil Industry Safety Directorate standard as per OISD-214.

Considering the technical criteria, there are no other suitable alternatives available.



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