

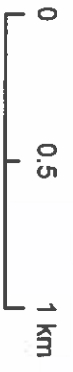
4/10

नेपाल सरकार
वन तथा वातावरण मन्त्रालय
सिद्धरबार, काठमाडौं



Legend
■ Transmission Line Tower
Transmission Line ROW - 23m.

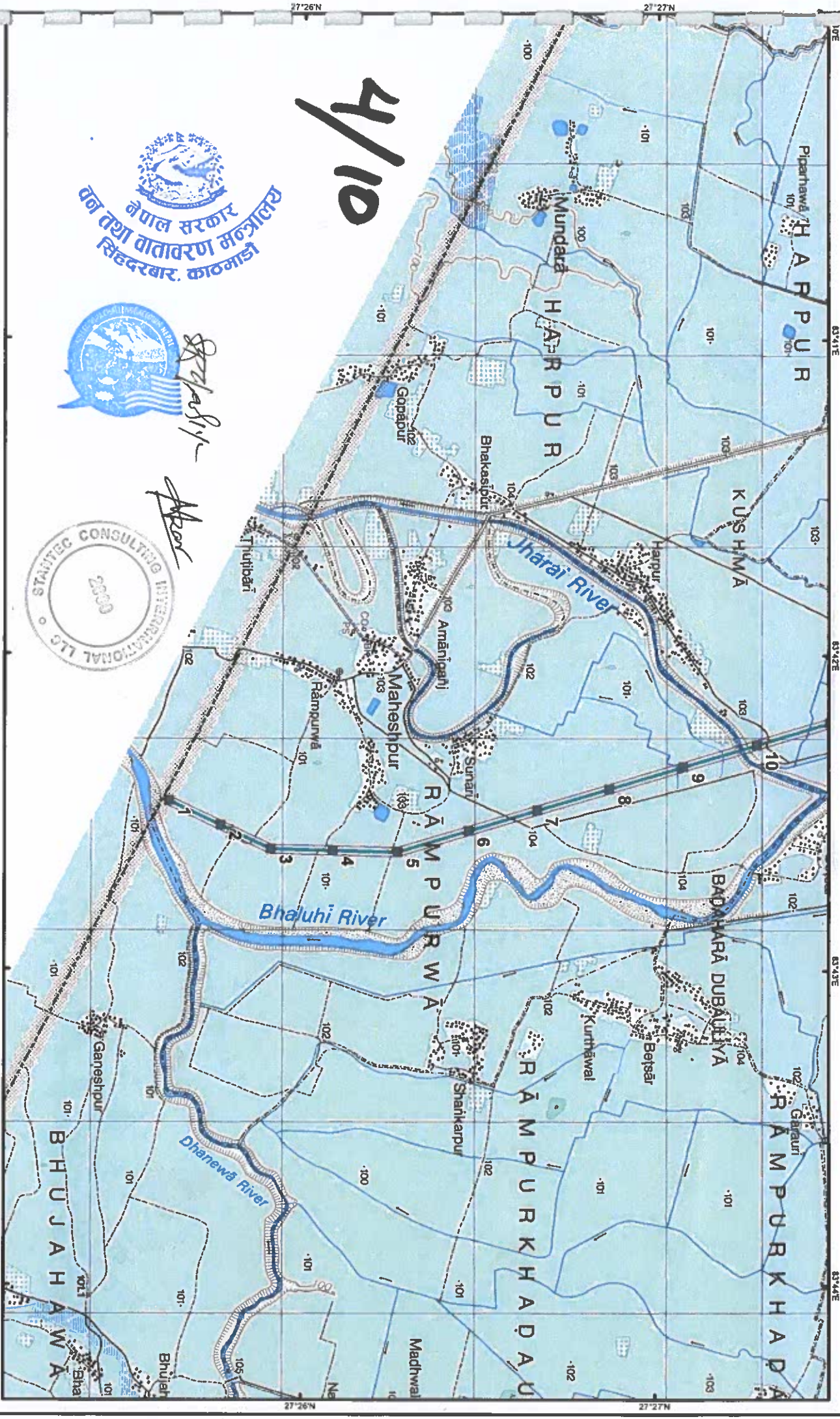
Transmission Line Alignment
— India Border to New Butwal

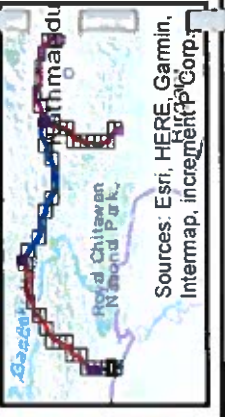
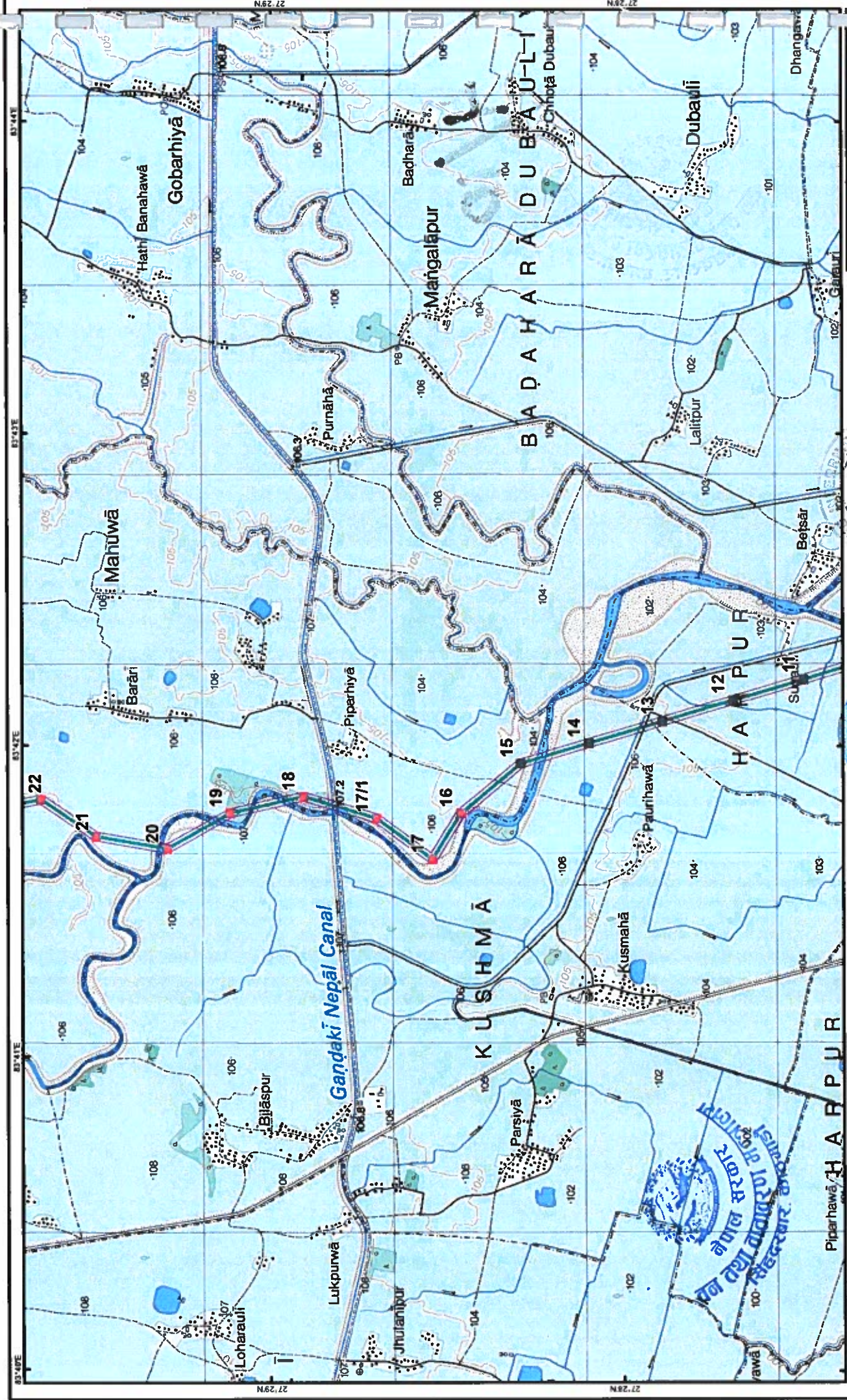


Topography Map - 1
July 2020



Sources: Esri, HERE, Garmin, Intermap, incormap, Corp.,





Sources: Esri, HERE, Garmin, Intermap, incrementP Corp.

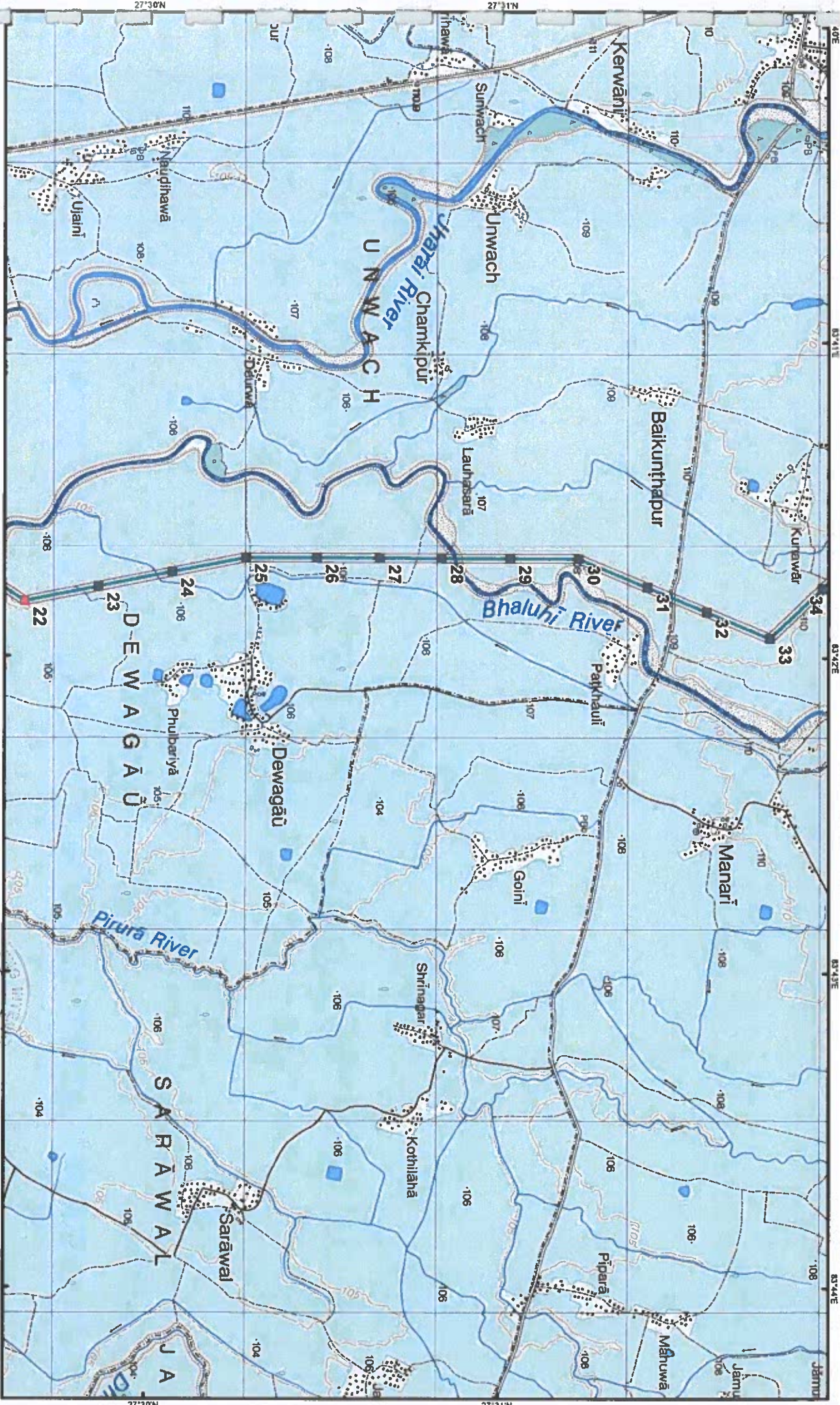


Topography Map 2
July 2020



- Legend**
- Transmission Line Tower
 - TL Tower in potential flood prone area
 - Transmission Line ROW - 23m.
 - Transmission Line Alignment
 - Ind a Border to New Butwal

गण्डकी नदी नेपाल
गण्डकी नदी नेपाल



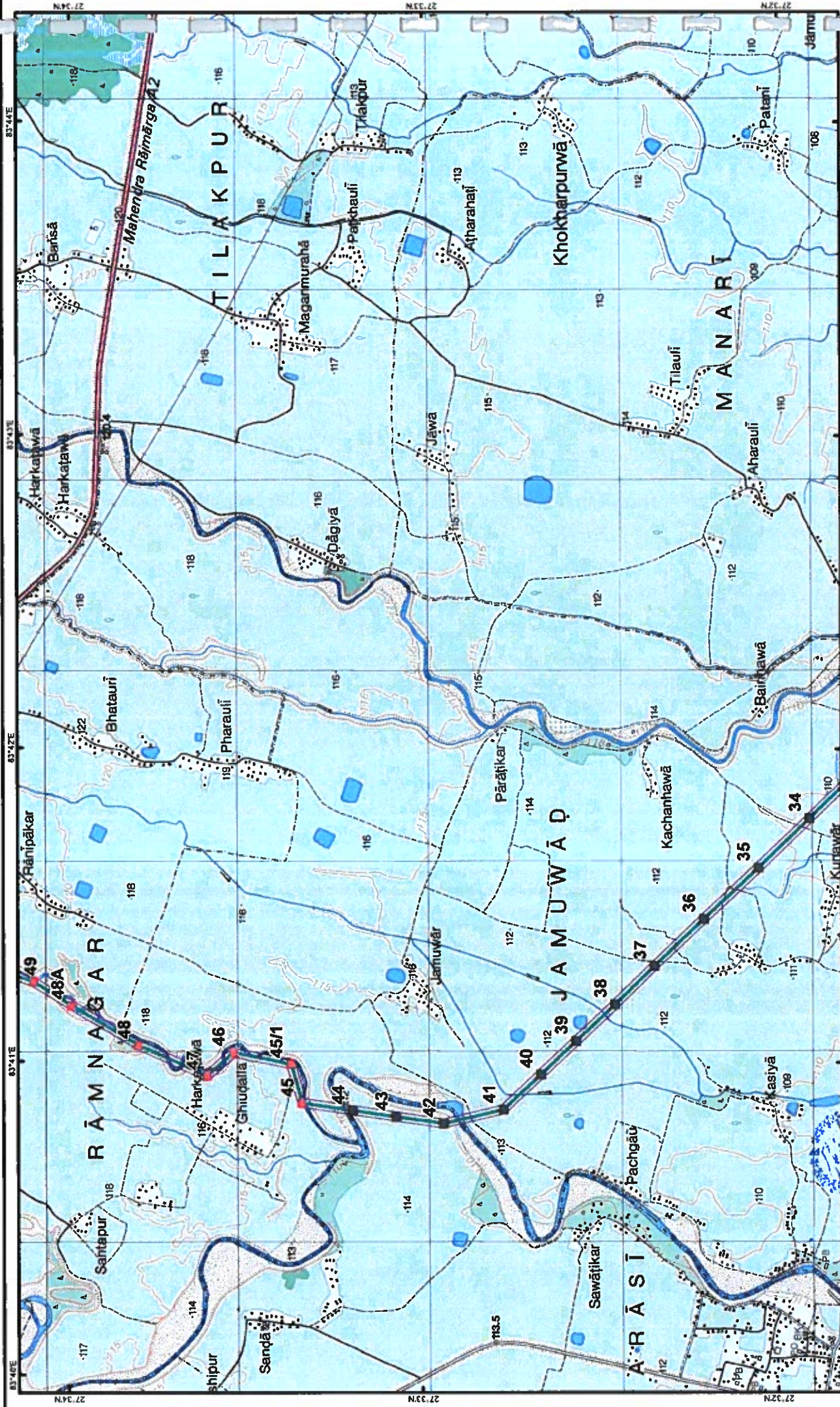
- Legend**
- Transmission Line Tower
 - TL Tower in potential flood prone area
 - Transmission Line ROW - 23m.

Transmission Line Alignment
 India Border to New Bulwal



Topography Map - 3
 July 2020

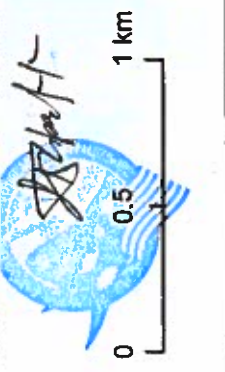




Sources: Esri, HERE, Garmin, Intermap, incrementP Corp.

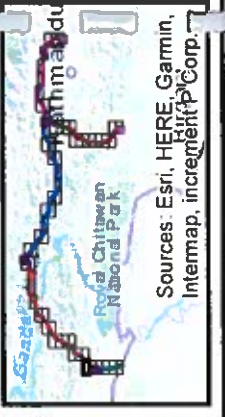
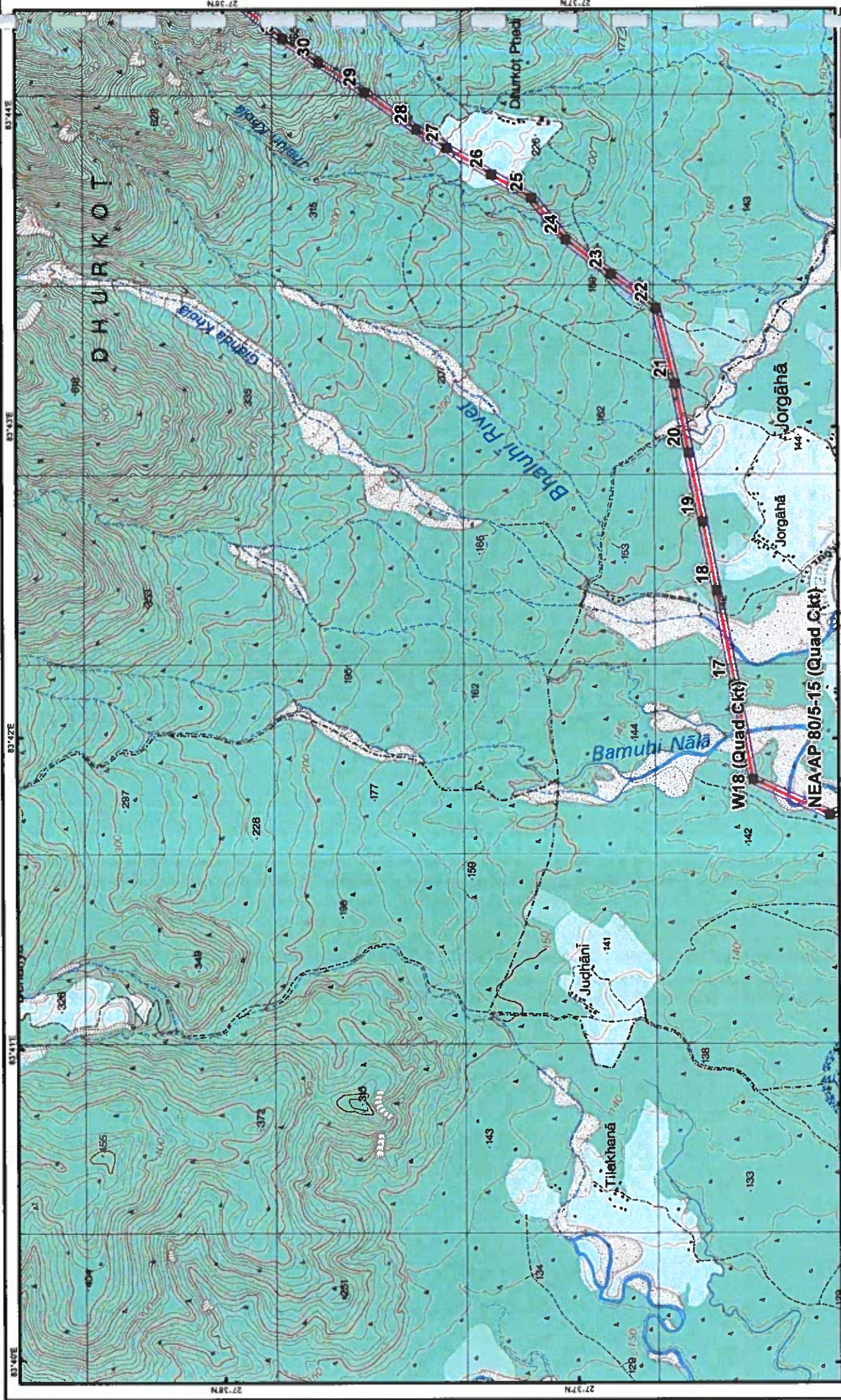


Topography Map - 4
 July 2020



- Legend**
- Transmission Line Tower
 - India Border to New Butwal
 - Transmission Line ROW - 23m

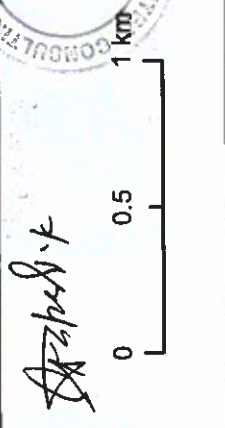




Sources: Esri, HERE, Garmin, Intermap, increment P Corp.



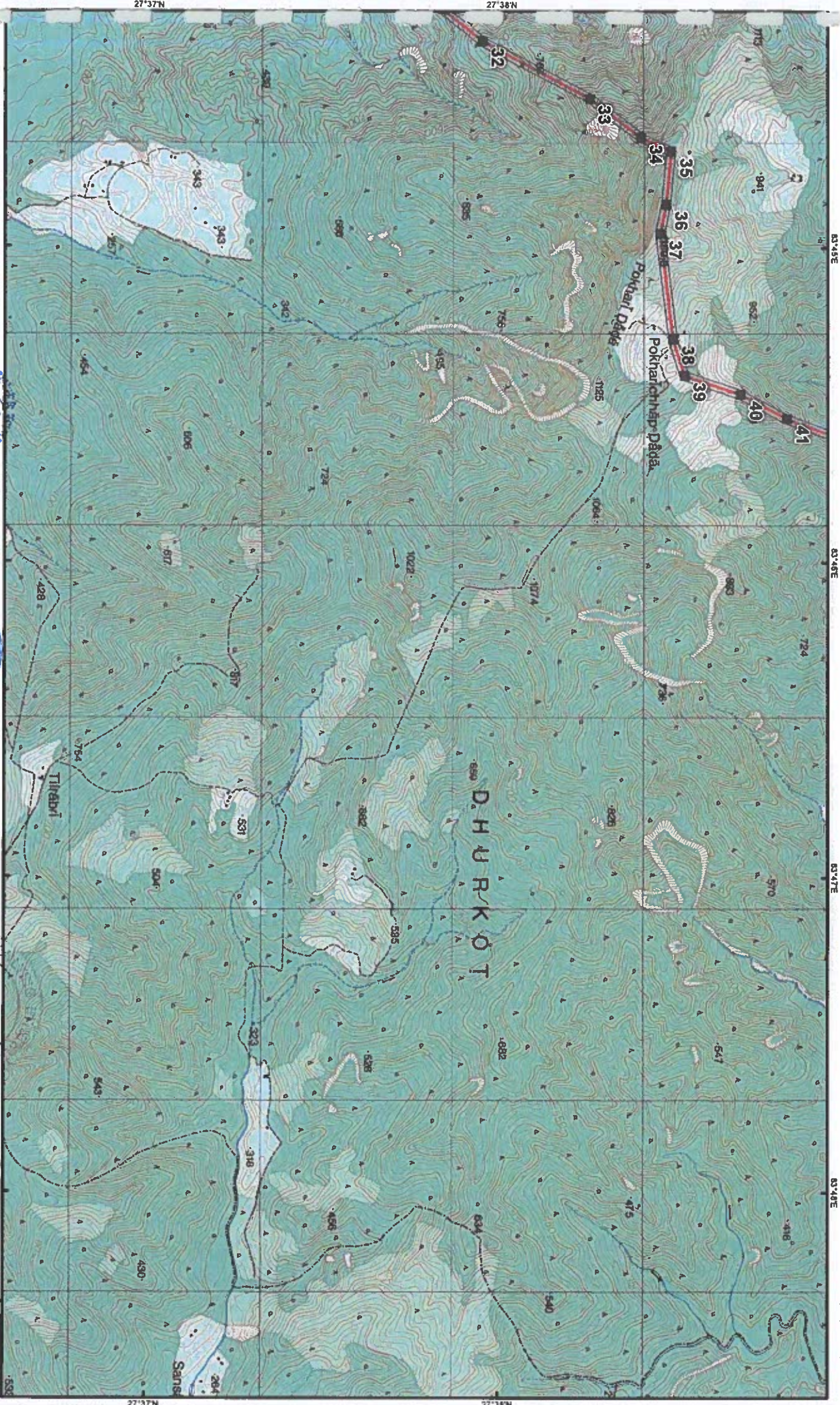
Topography Map - 6
July 2020



Transmission Line Alignment
New Butwal to New Damauli

- Legend**
- Transmission Line Tower
 - Transmission Line ROW - 23m.

NEA/AP 80/5-15 (Quad Ckt)
W18 (Quad Ckt)



- Legend**
- Transmission Line Tower
 - Transmission Line ROW - 23m.

Transmission Line Alignment
 New Bivhal to New Bampal



July 2020

ERMA

Sources: Esri, HERE, Garmin, Intermap, increment P Corp.,

27°37'N

27°38'N

83°43'E

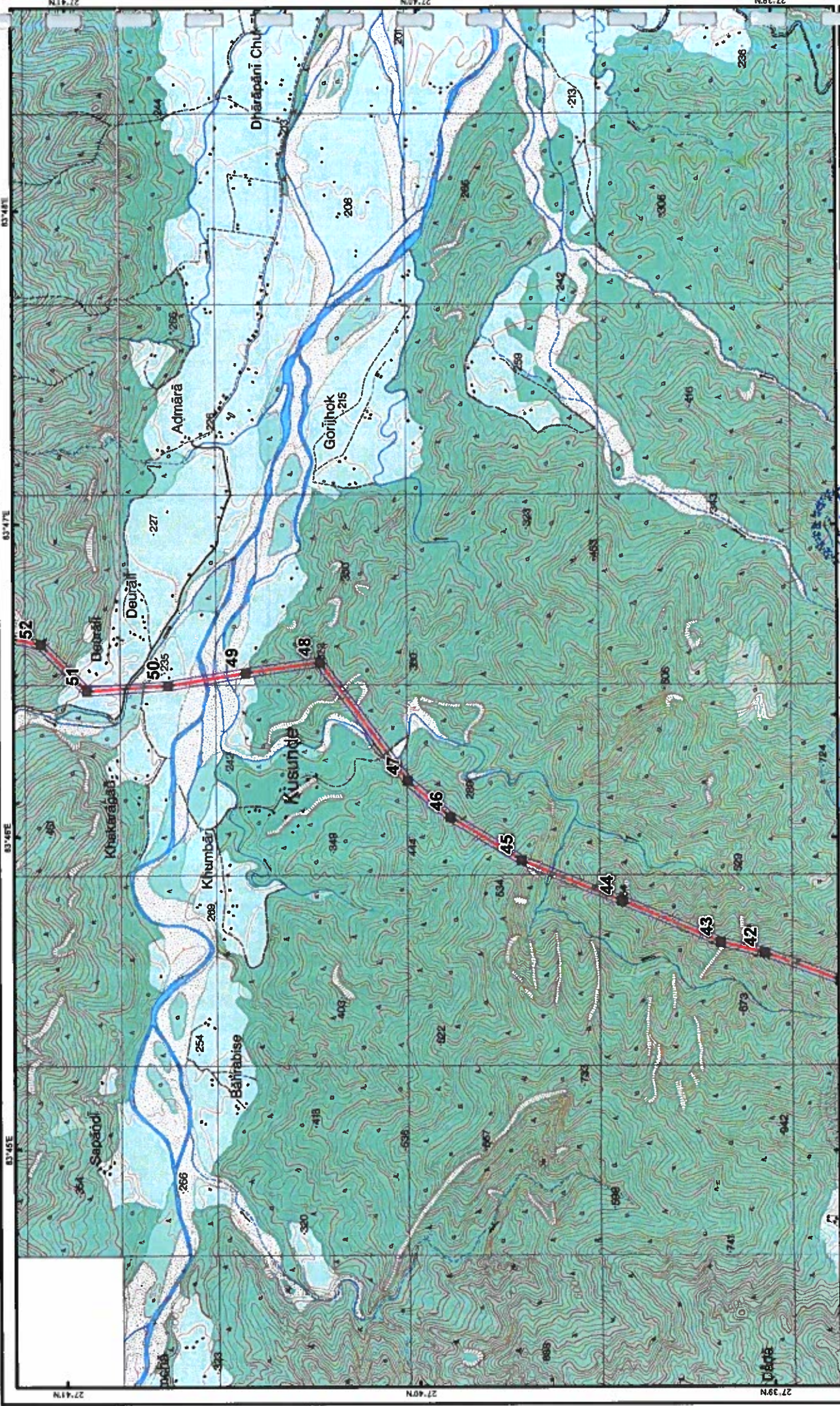
83°46'E

83°47'E

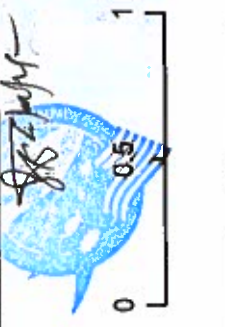
83°48'E

27°37'N

27°38'N



Topography Map - 8
 July 2020



Legend

- Transmission Line Tower
- Transmission Line ROW - 23m
- New Butwal to New Damauli

Transmission Line Alignment
 New Butwal to New Damauli

CONSULTING

27°42'N

27°43'N

83°45'E

83°46'E

83°47'E

83°48'E



Legend

■ Transmission Line Tower

□ Transmission Line ROW - 23m.

Transmission Line Alignment

Power Bureau for New Damauli



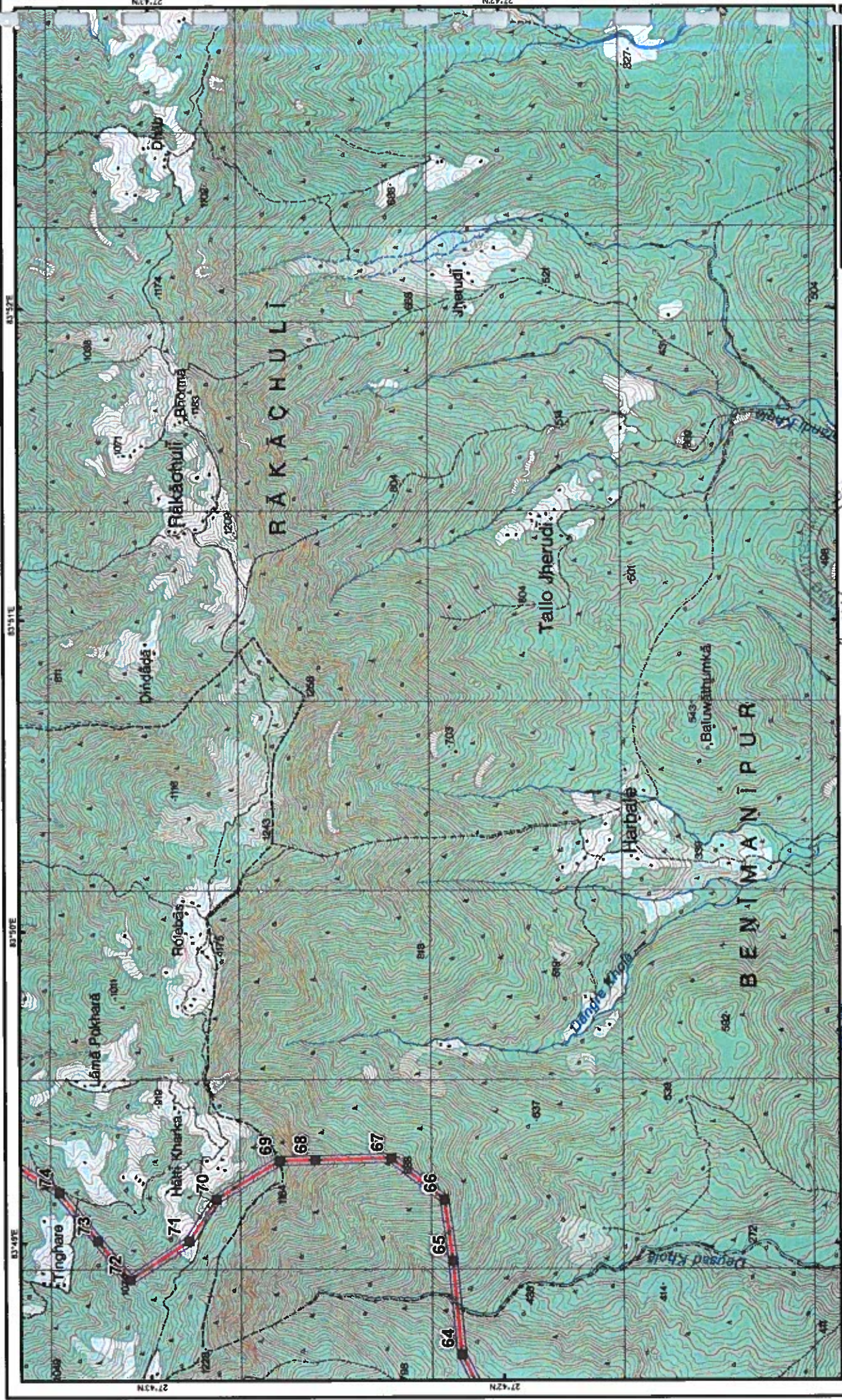
Topography Map - 9



Sources: Esri, HERE, Garmin, Intermap, increment Corp.,

27°42'N

27°43'N



Sources: Esri, HERE, Garmin,
Swatch by
Intermap, increment P Corp.

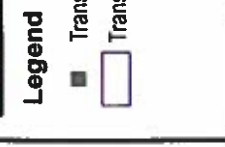


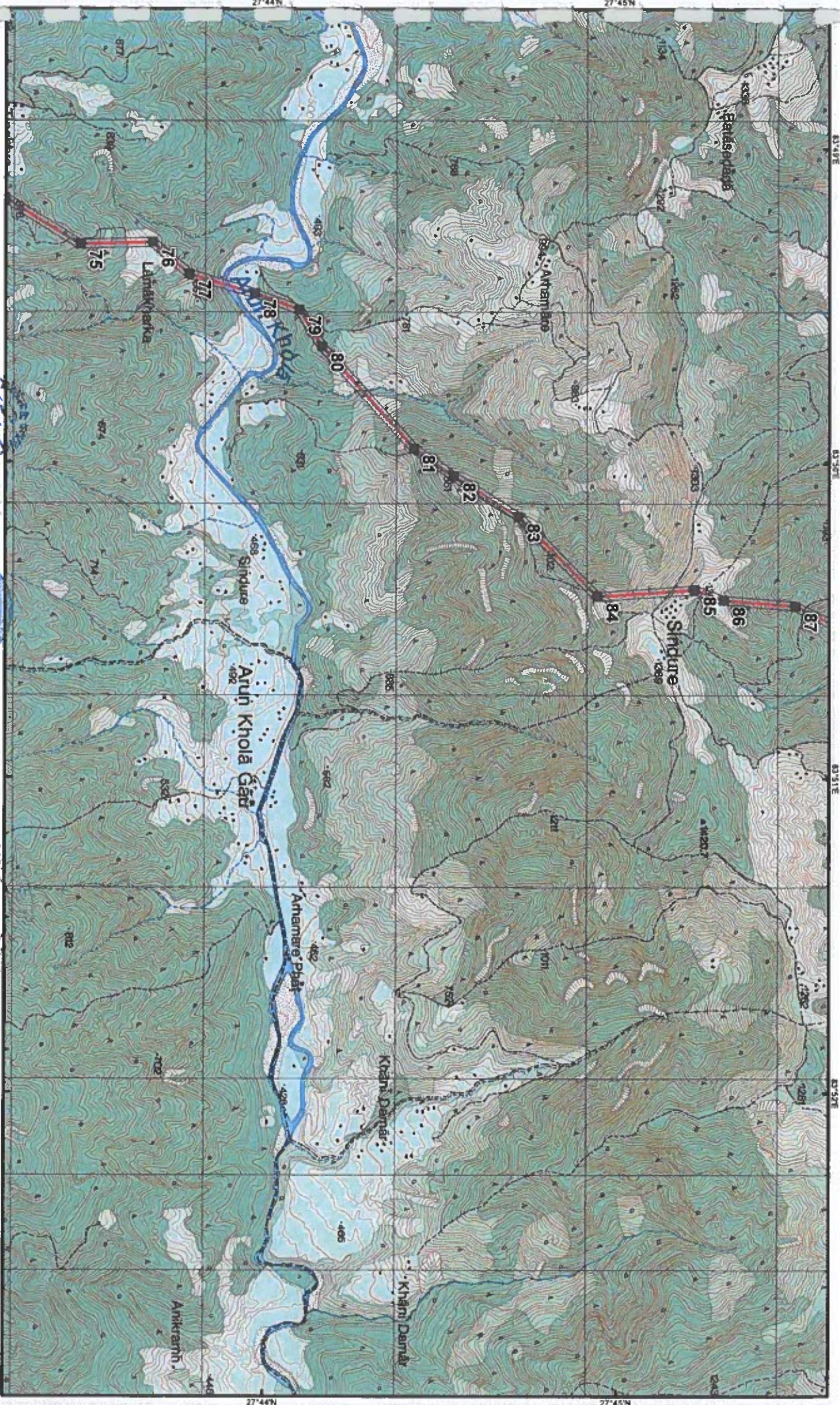
Topography Map - 10
July 2020



Transmitted Line Alignment
Near Butwal to New Damauli

- Legend**
- Transmission Line Tower
 - Transmission Line ROW - 23m.





Legend

- Transmission Line Tower
- Transmission Line ROW - 23m.

Transmission Line Alignment

100% Budget for New Dam



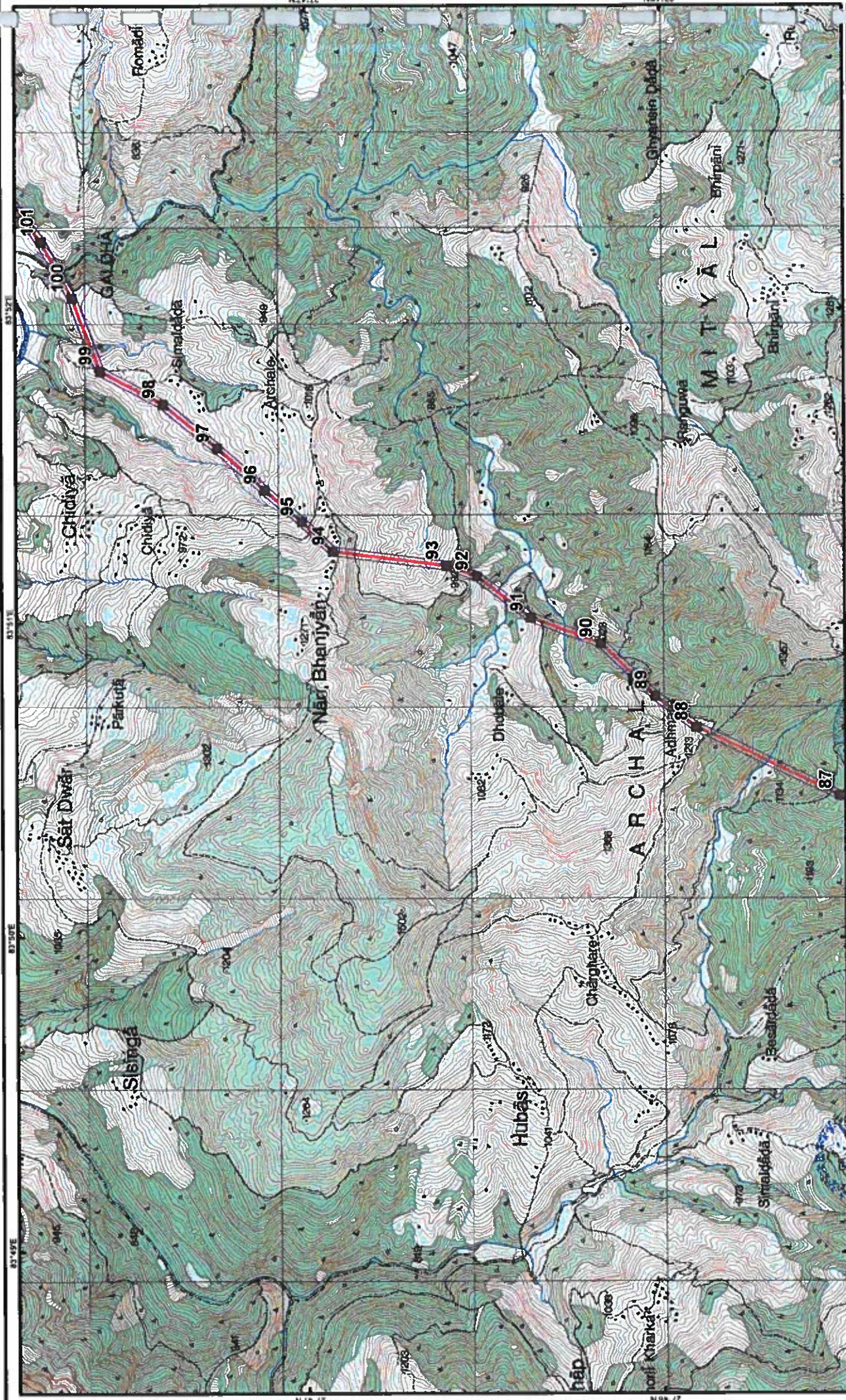
Handwritten signature

Topography Map - 11

July 2020



Sources: Esri, HERE, Garmin, Intermap, increment Corp.,



Sources: Esri, HERE, Garmin, Intermap, incrementP Corp.



Topography Map - 12
 July 2020

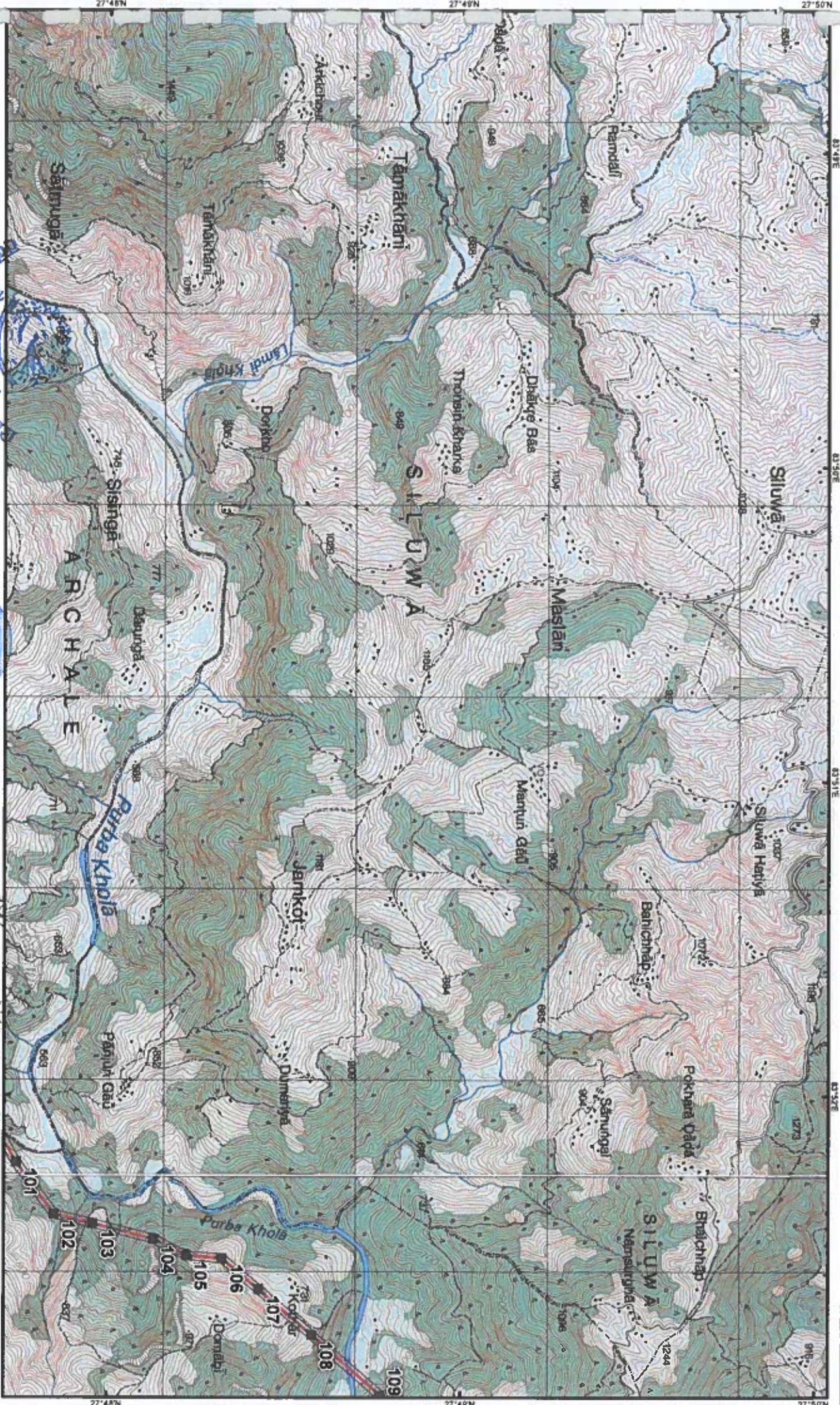


Legend

- Transmission Line Power
- Transmission Line Power
- Transmission Line Power

Transmission Line Alignment
 New Butwal to New Damauli

बिजली लाइन शक्ति
 नया बुतवल नया दामौली



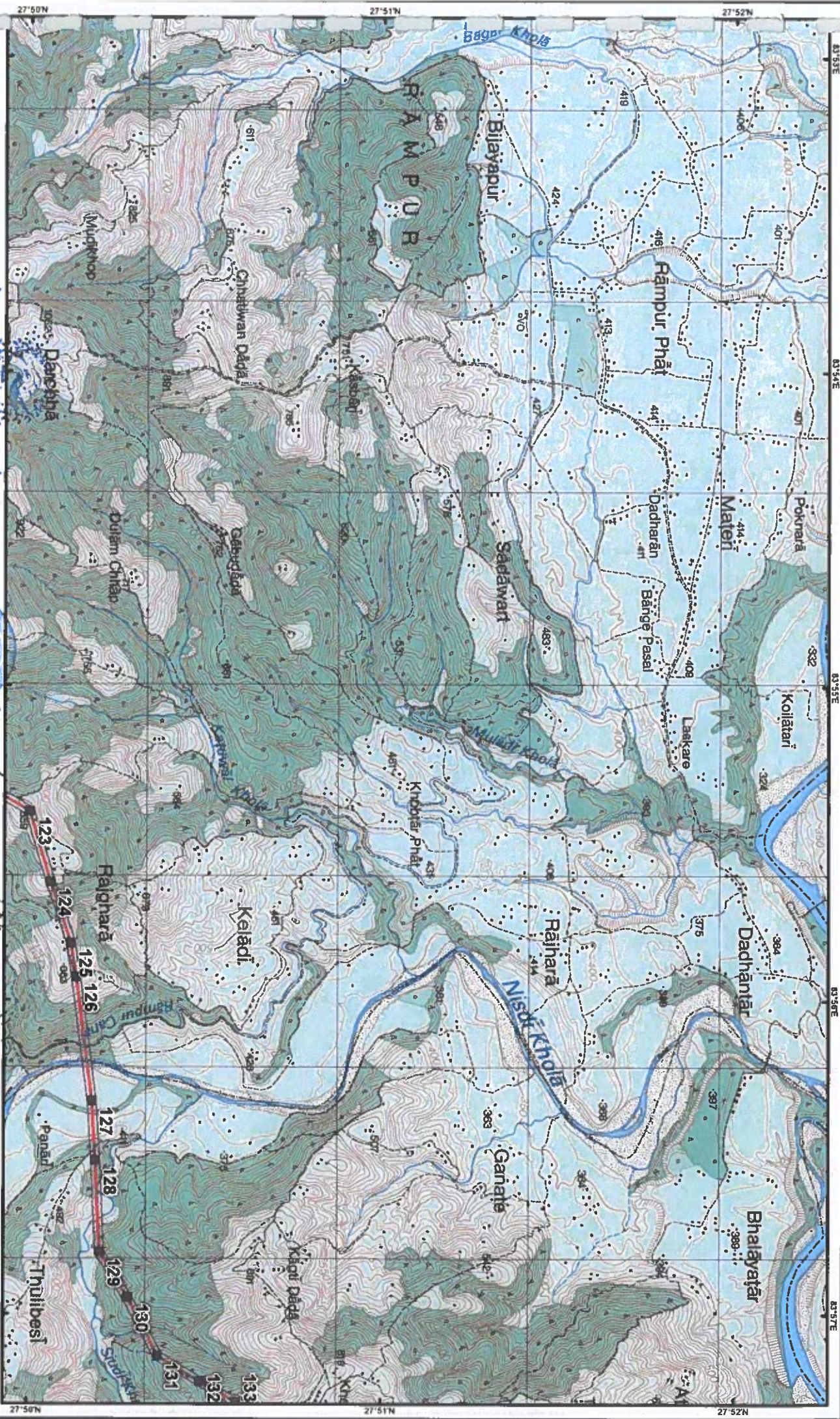
- Legend**
- Transmission Line Tower
 - Transmission Line ROW - 23m.



Topography Map - 13
 July 2020

Sources: Esri, HERE, Garmin, Intermap, incrementP Corp.,

ERM



Legend

■ Transmission Line Tower

□ Transmission Line ROW - 23m.



Department of Power, Government of West Bengal
 Power Planning & Development Division
 Damauli

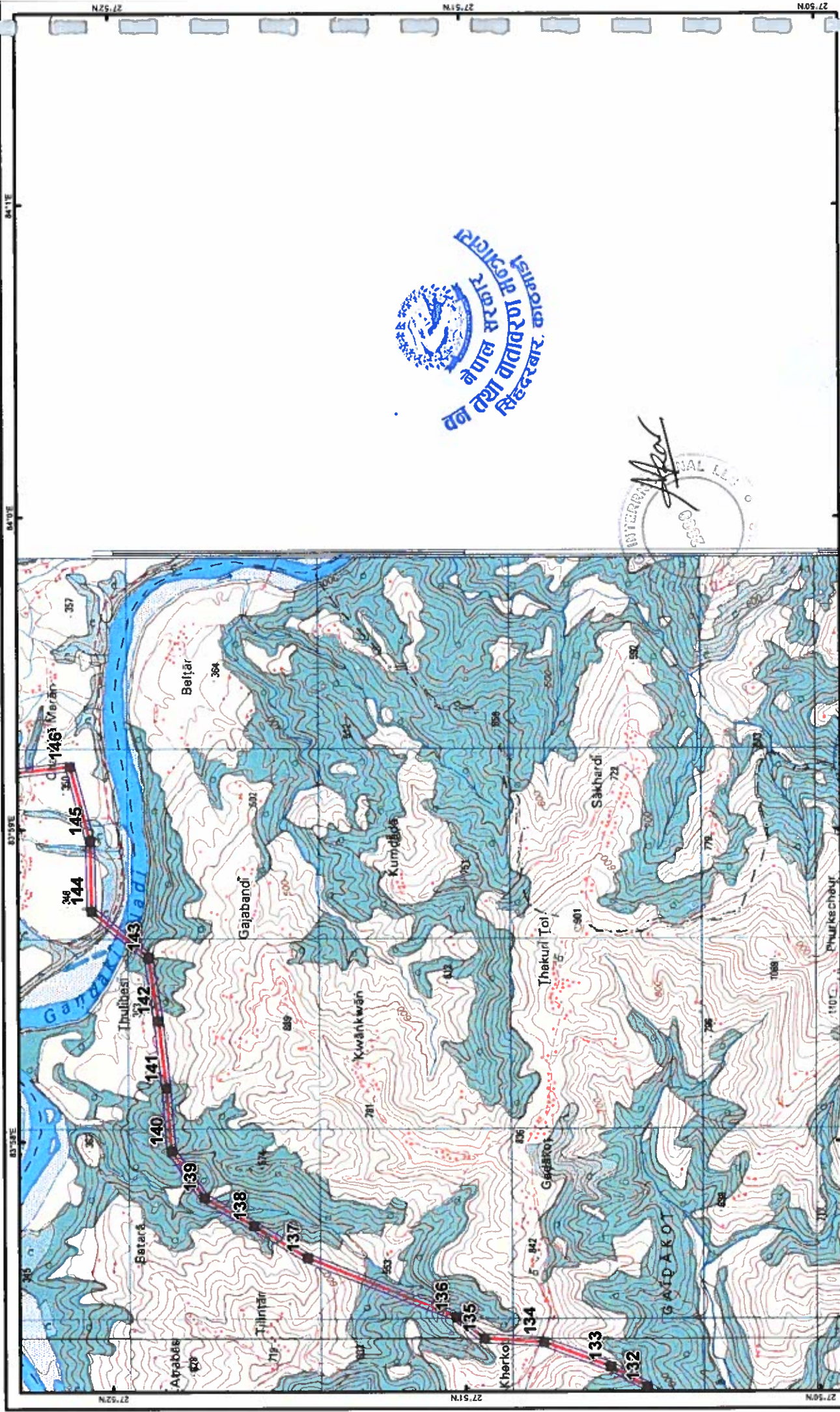


[Handwritten signature]

Topography Map - 15

July 2020

Sources: Esri, HERE, Garmin, Intermap, increment Corp.,



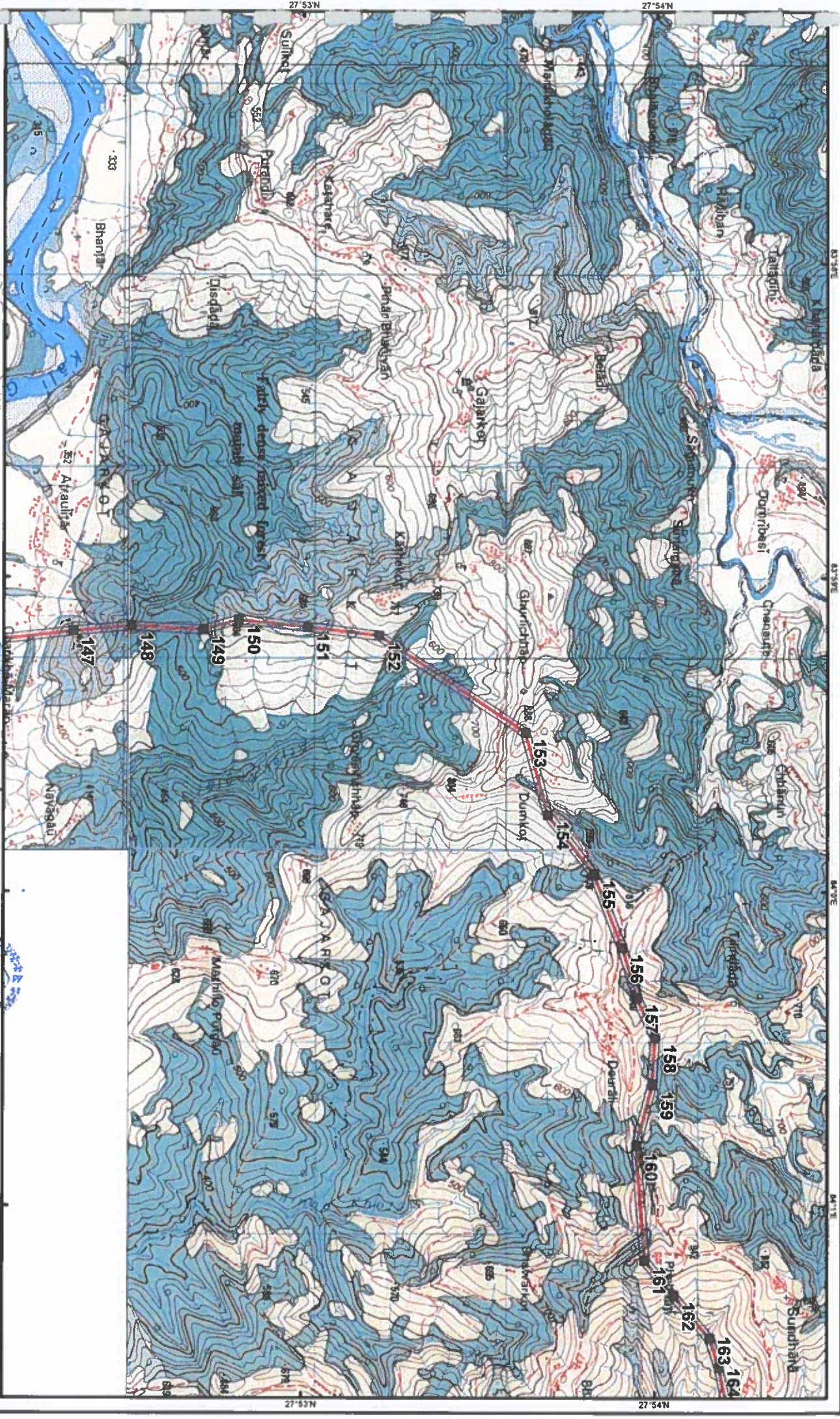
Sources Esri, HERE, Garmin, Intermap, increment P Corp.



- Legend**
- Transmission Line Tower
 - Transmission Line ROW - 23m.
 - Transmission Line Alignment
 - New Butwal to New Damauli

Topography Map - 16

July 2020



- Legend**
- Transmission Line Tower
 - Transmission Line ROW - 23m.

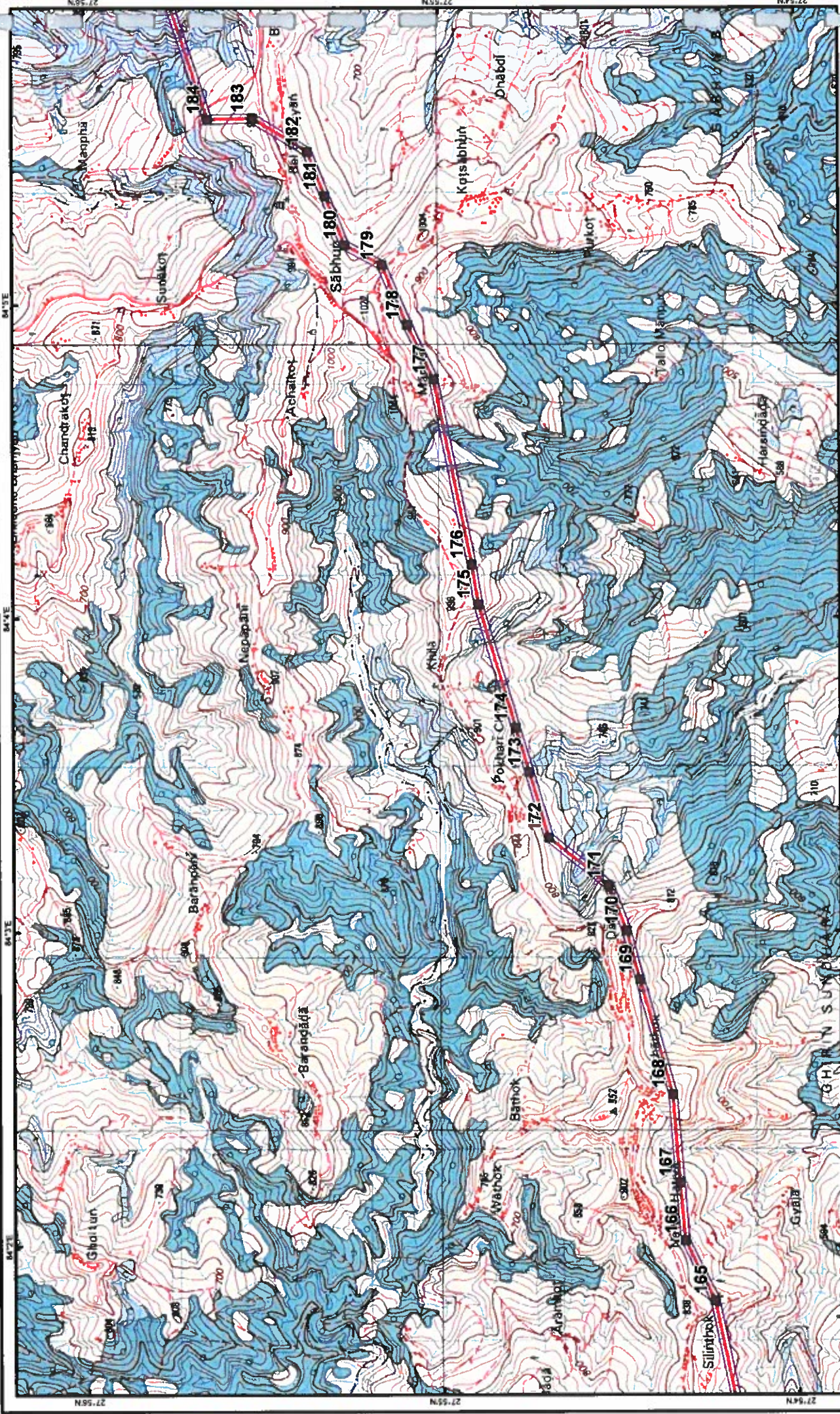
Transmission Line Alignment
 — New Bupal to New Damauli



Topography Map No. 132
 July 2020
 सार्वजनिक नक्शा
 सार्वजनिक नक्शा
 सार्वजनिक नक्शा



Sources: Esri, HERE, Garmin, Intermap, increment Corp.,



Sources: Esri, HERE, Garmin, Intermap, increment p Corp.

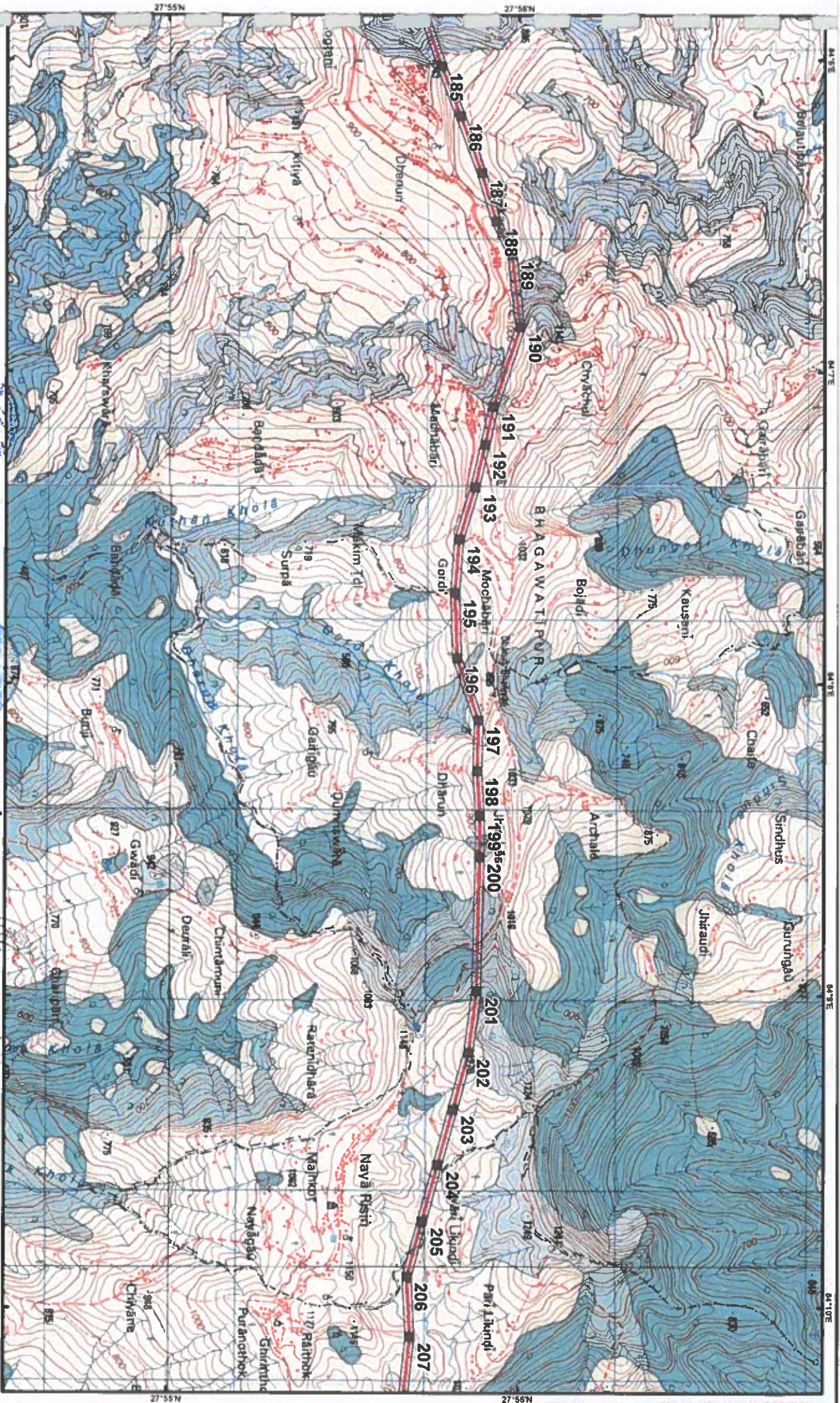


Signature
 Topography Map - 18
 July 2020



Transmission Line Alignment
 — New Bridge to New Damauli

- Legend**
- Transmission Line Tower
 - Transmission Line ROW - 23m.



Legend

- Transmission Line Tower
- Transmission Line ROW - 23m.

Transmission Line Alignment
 New Right of Way to New Dehali
 नेपाल विद्युत नियन्त्रण आयोग



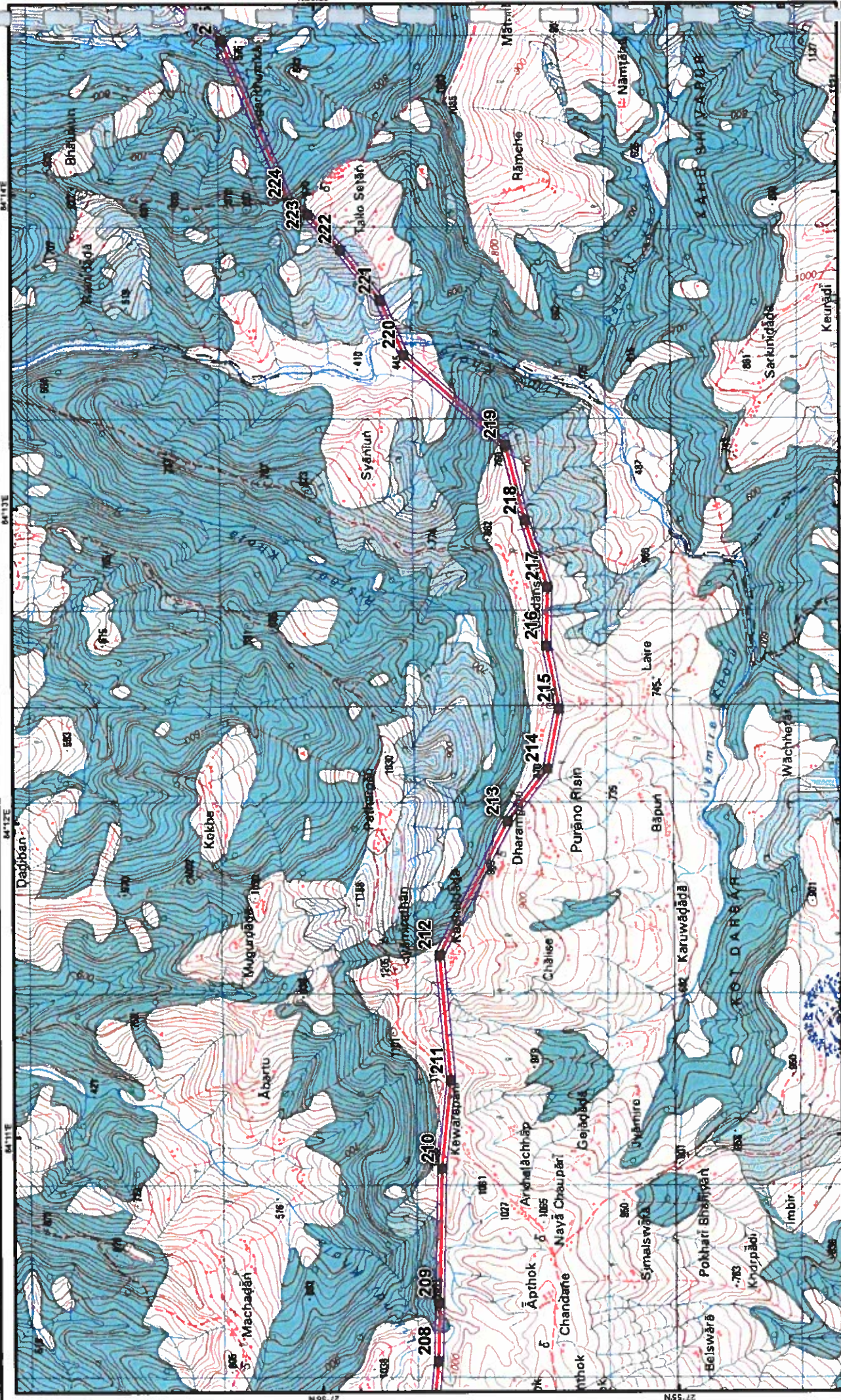
Signature

July 2020

Topography Map-19

ERM

Sources: Esri, HERE, Garmin, Intermap, incrementP Corp.,



Sources: Esri, HERE, Garmin, Intermap, incrementP Corp.



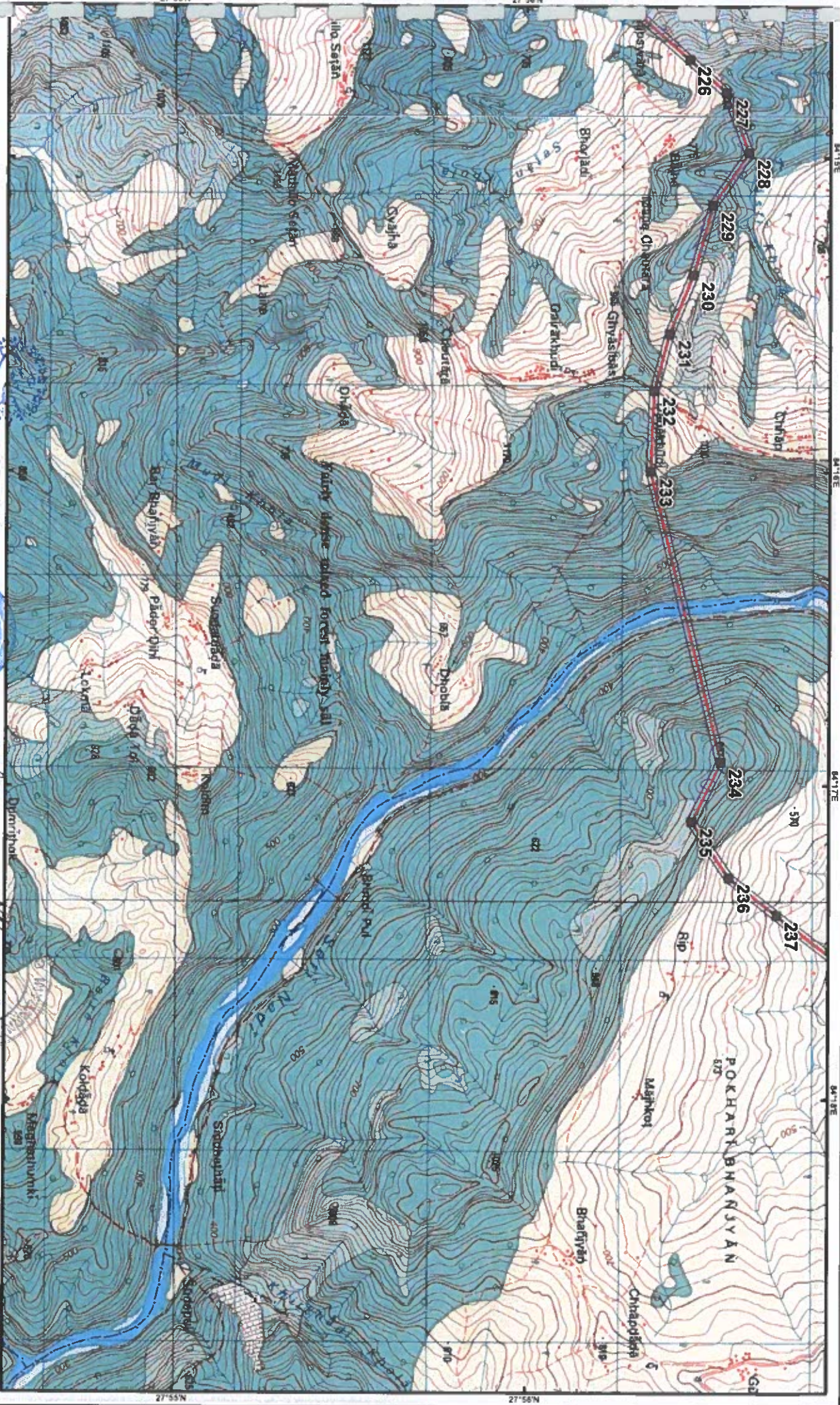
Topography Map - 20
July 2020



Legend

- Transmission Line Tower
- Transmission Line ROW - 23m.

Transmission-Line Alignment
New Bursali to Bho Bamauli
Bhaktapur, Nepal
Department of Surveying



Legend

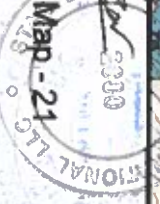
- Transmission Line Tower
- Transmission Line ROW - 23m.

Transmission Line Alignment
 from Bulwal to New Damauli



Signature

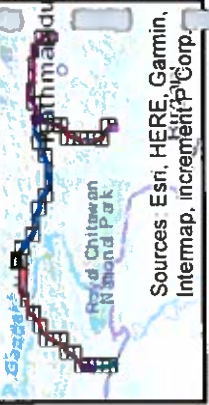
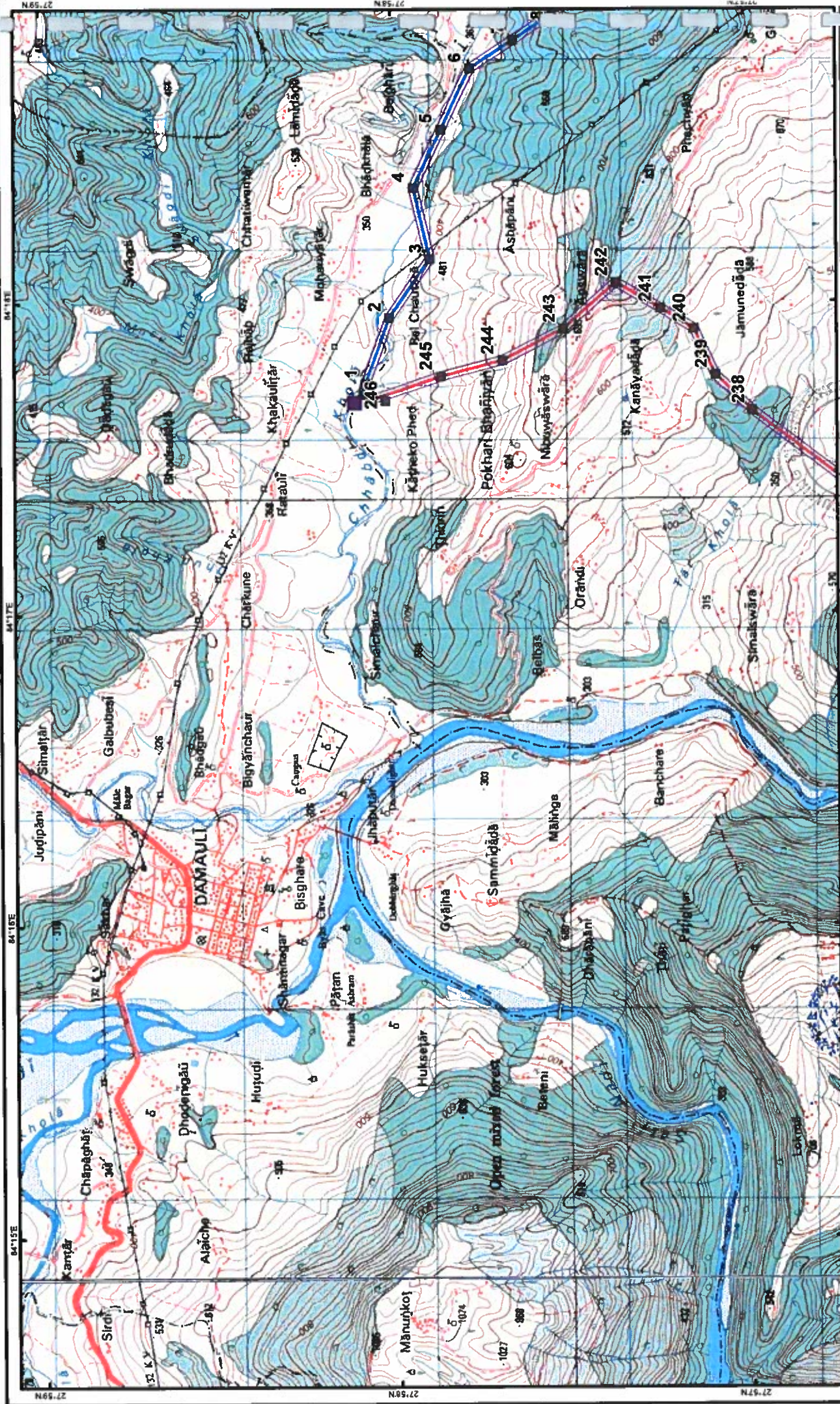
3310



Topography Map - 21
 July 2020



Sources: Esri, HERE, Garmin, Intermap, incgnell, Corp.,



Sources: Esri, HERE, Garmin, Intermap, incrementP Corp.



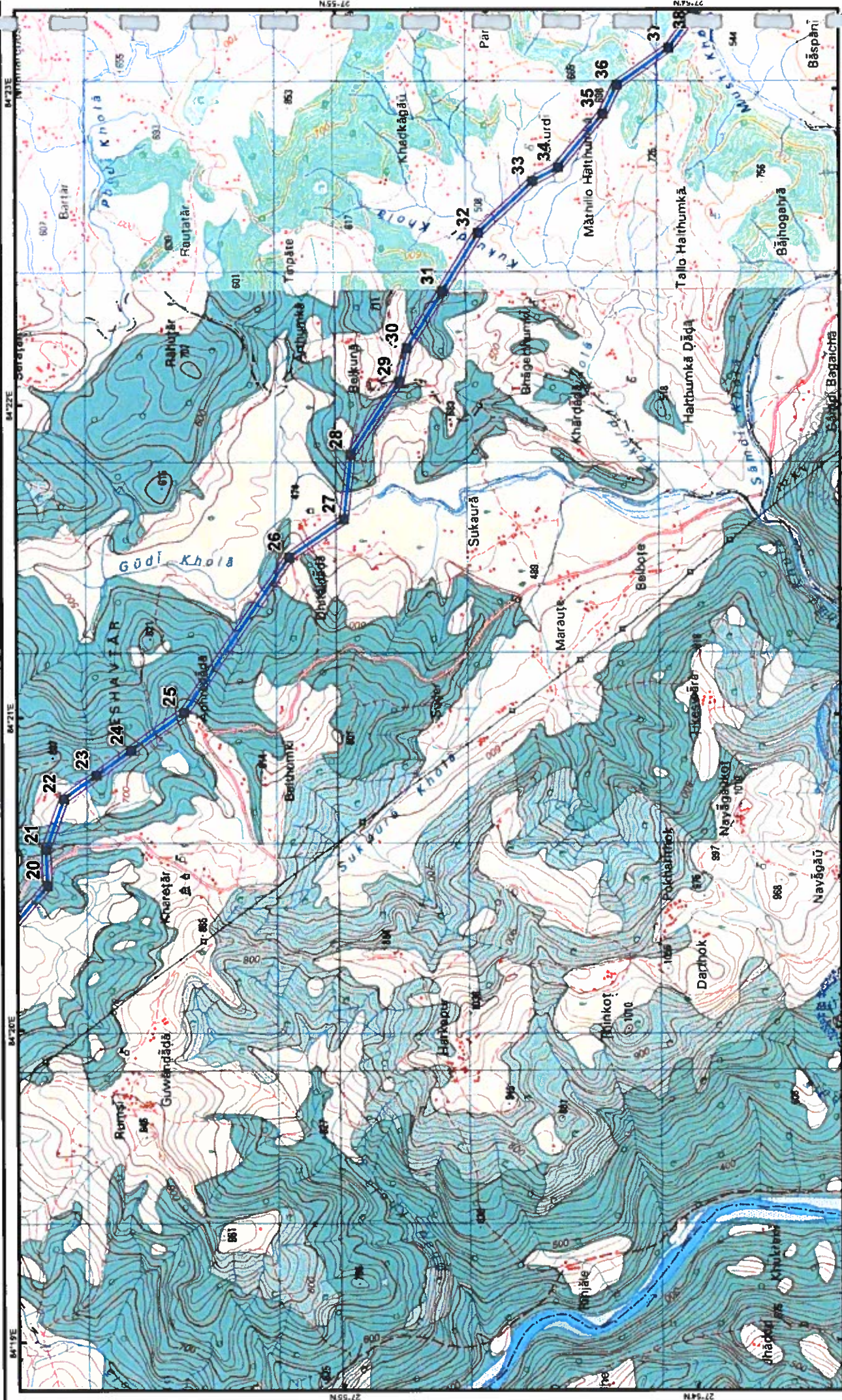
Alex
 Topography Map - 22

July 2020



Transmission Line Alignment
 New Bund to New Damauli
 (New Damauli to Basphate)

- Legend**
- Project Substation
 - Transmission Line Tower
 - Transmission Line ROW - 23m.



Sources: Esri, HERE, Garmin, Intermap, increment P Corp.



Signature

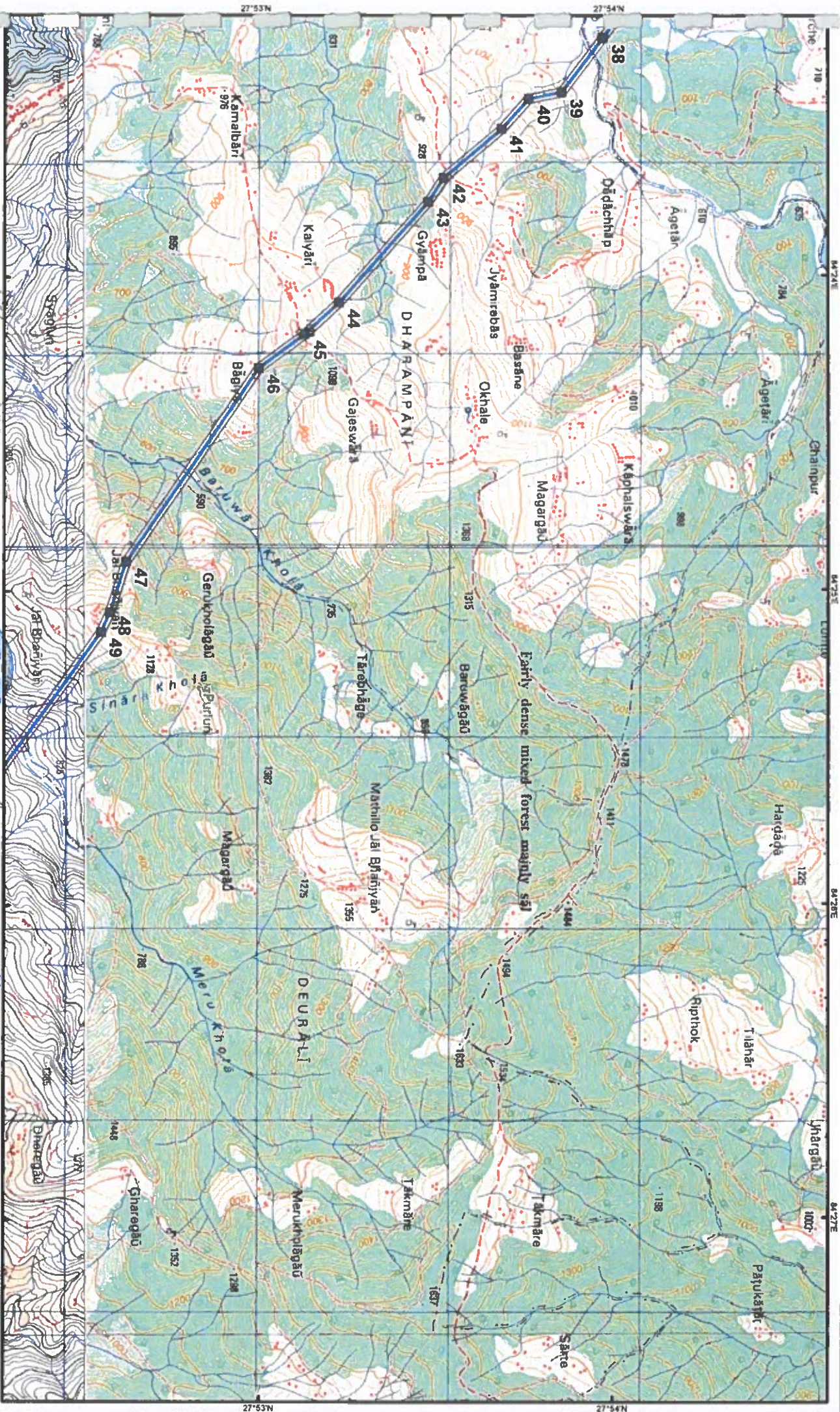
Topography Map - 24

July 2020



Legend

- Transmission Line Tower
- Transmission Line ROW - 23m.



Legend

■ Transmission Line Tower

□ Transmission Line ROW - 23m.

Transmission Line Alignment

New Damruul to Ralmate



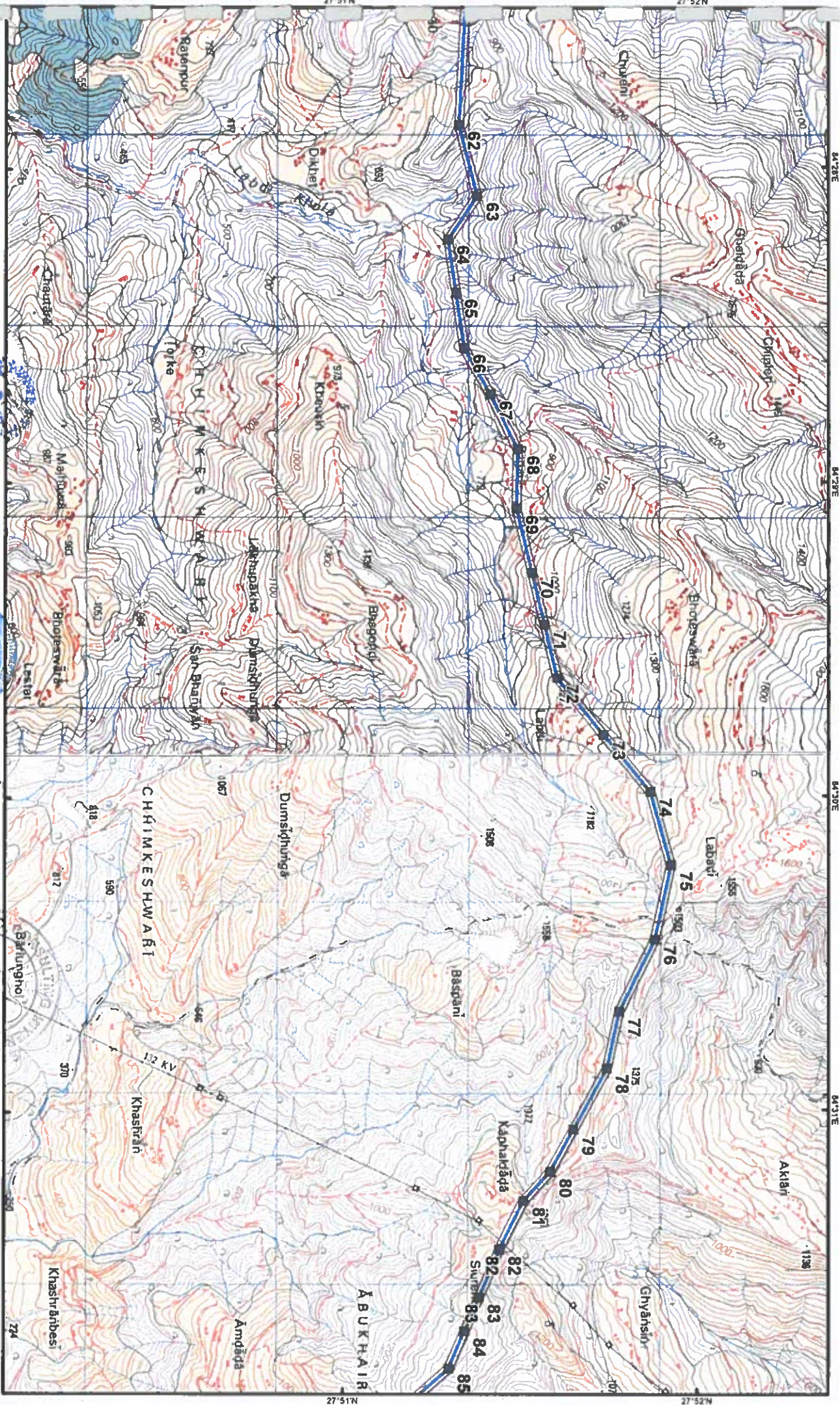
[Signature]

Topographic Map - 25

July 2020



Sources: Esri, HERE, Garmin, Intermap, increment P Corp.,



- Legend**
- Transmission Line Tower
 - Transmission Line ROW - 23m.

Transmission Line Alignment
 New Darrauli to Rainade
 R.P.O. D.D. Bhattarai
 Bhattarai

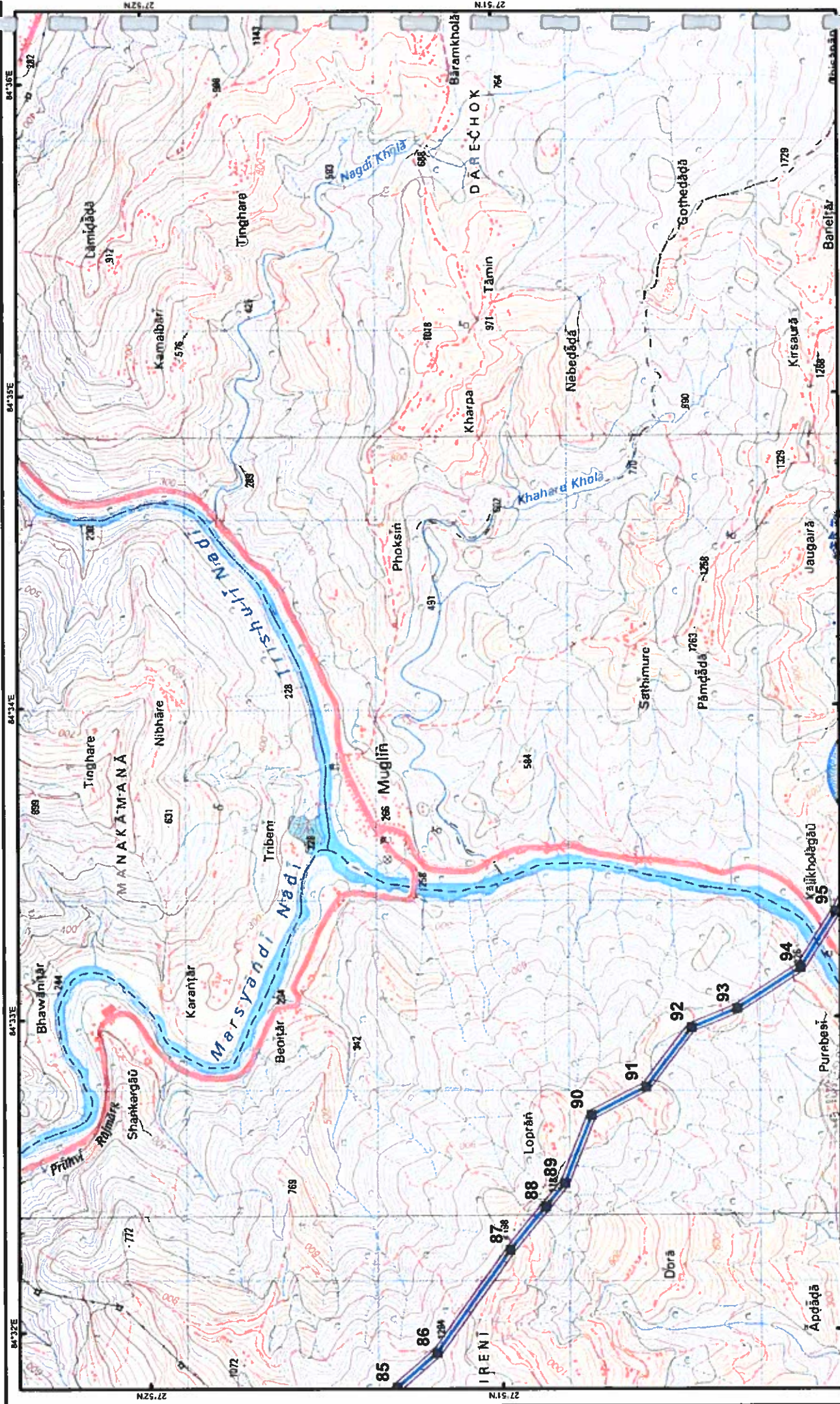


Signature

Signature

Topography Map-27
 July 2020





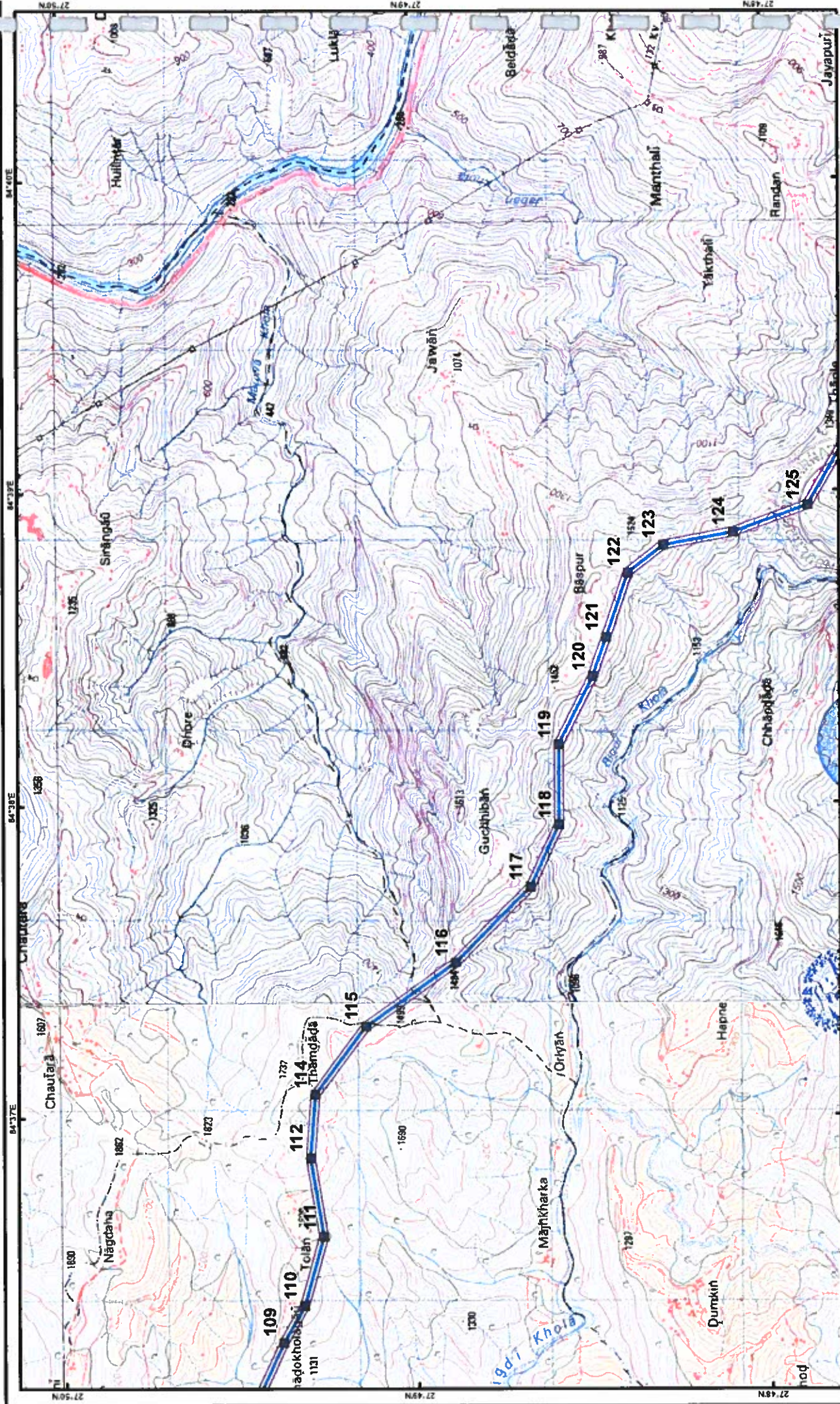
Sources: Esri, HERE, Garmin, Intermap, incrementP Corp.



Topography Map - 28
 1 km
 0.5
 0

Transmission Line Alignment
 New Damauli to Ratmate

Legend
 ■ Transmission Line Tower
 □ Transmission Line ROW - 23m.



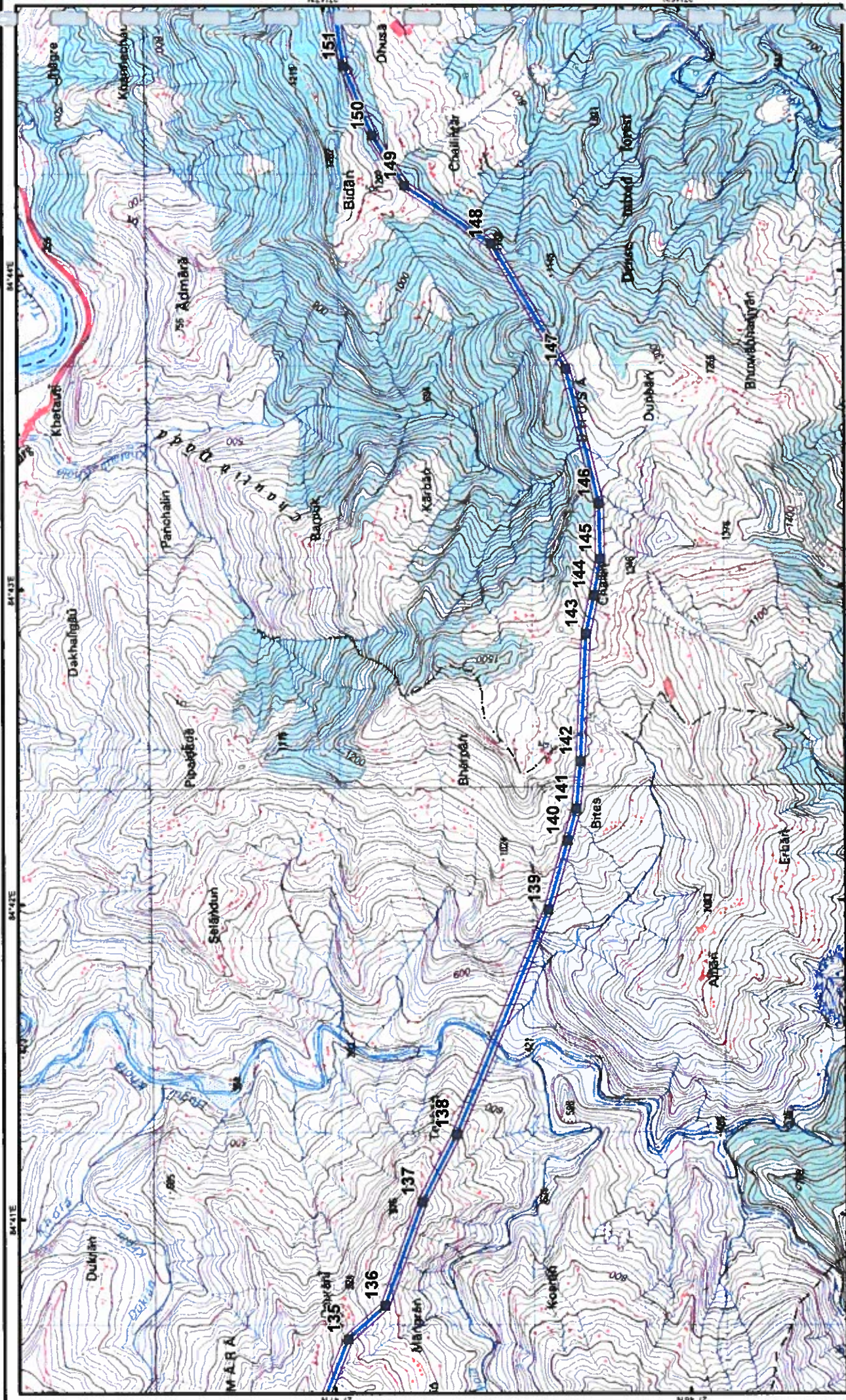
Sources: Esri, HERE, Garmin, Intermap, increment P Corp.



Topography Map - 30
July 2020



- Legend**
- Transmission Line Tower
 - Transmission Line ROW - 23m.



Sources: Esri, HERE, Garmin, Intermap, incrementP Corp.



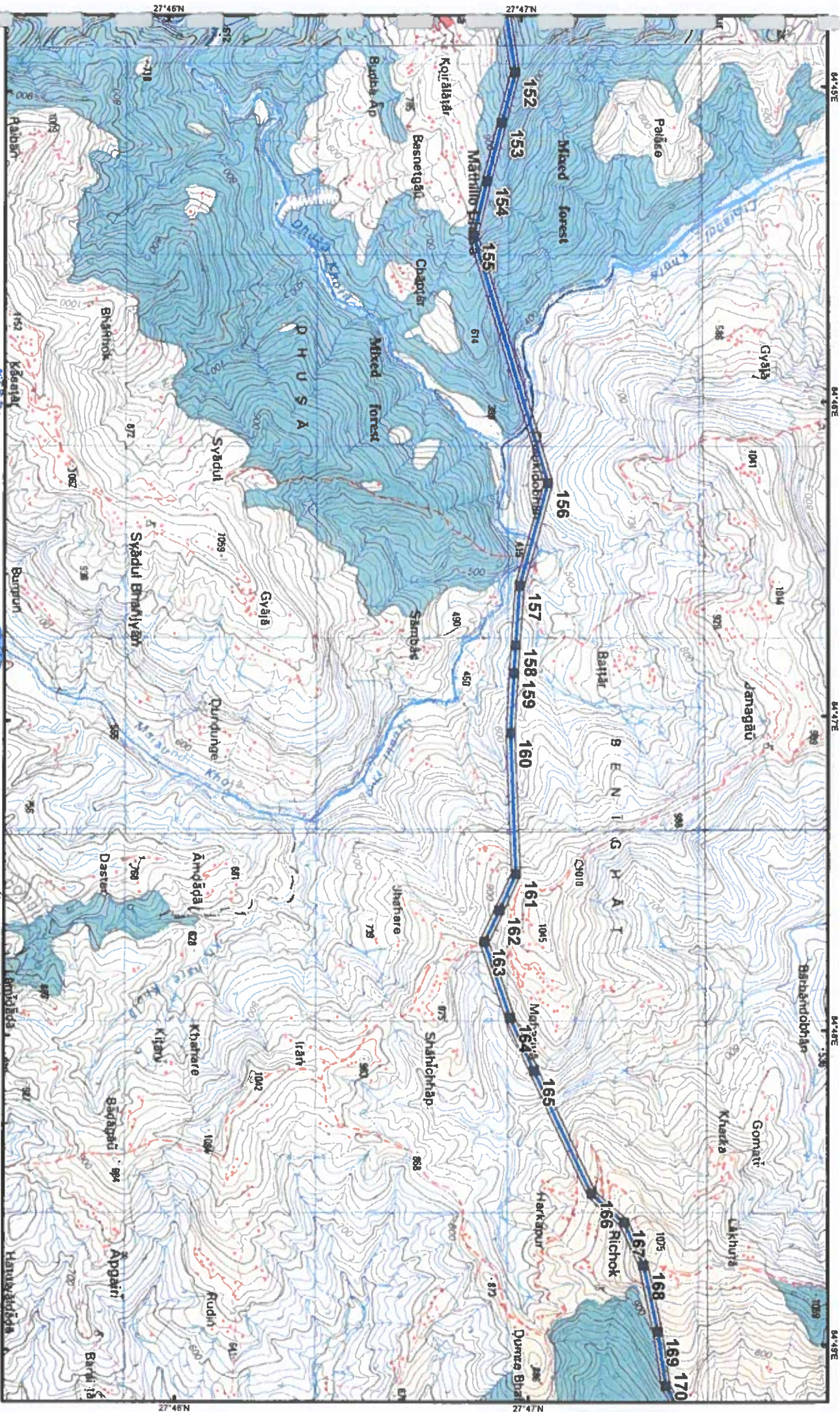
Topography Map - 32

July 2020



Transmission Line Alignment
 New Dandelli to Ramnagar
 सिन्धुपाल्चोक जिल्ला, काठमाडौं

- Legend**
- Transmission Line Tower
 - Transmission Line ROW - 23m.



- Legend**
- Transmission Line Tower
 - ▭ Transmission Line ROW - 23m.



 National Transmission Corporation (NTSC) of Nepal

Transmission Line Alignment



[Handwritten signature]

Topography Map - 33
 July 2020

[Handwritten signature]



 Engineering Research and Development Institute (ERDI) of Nepal



 National Transmission Corporation (NTSC) of Nepal



 National Engineering College (NEC) of Nepal

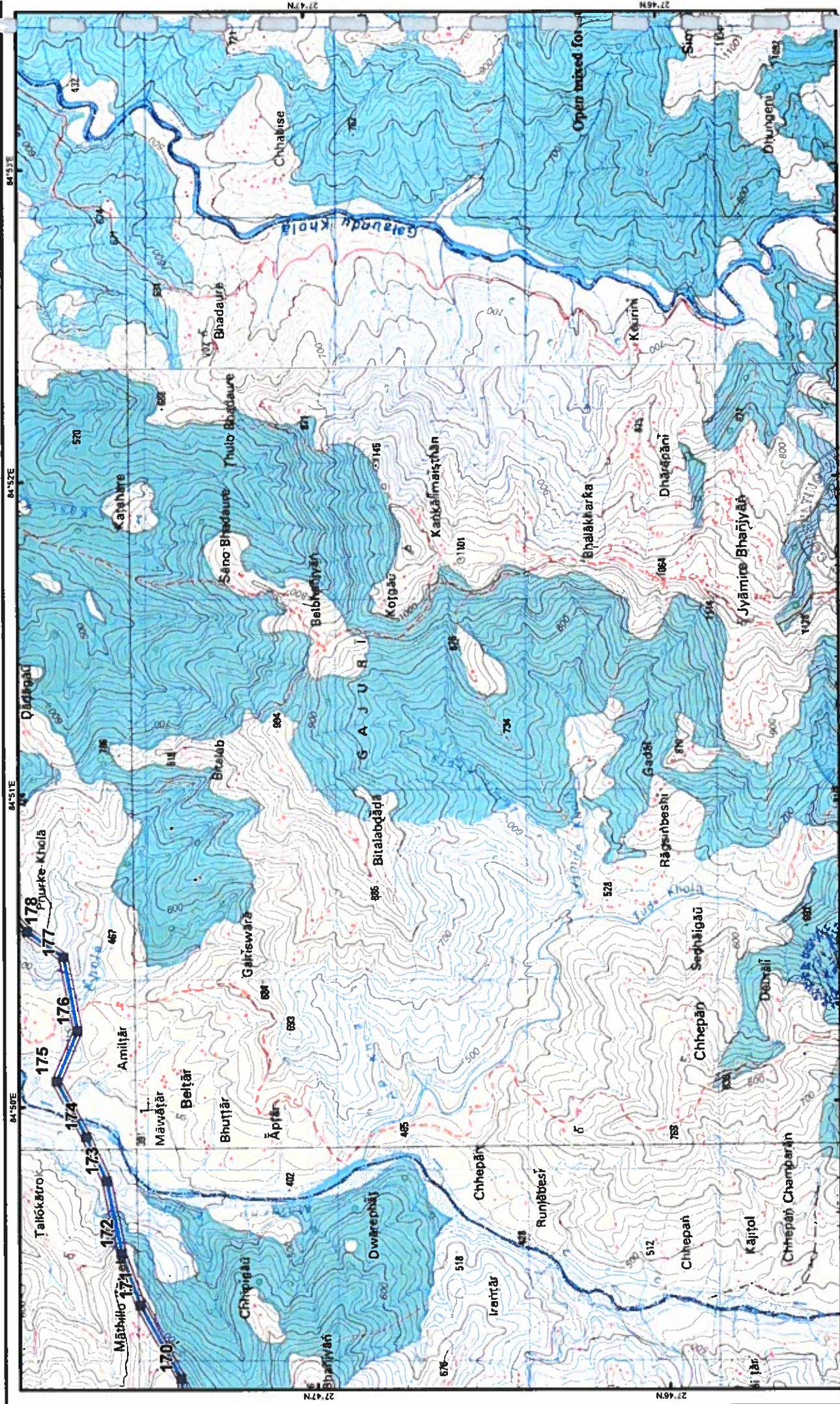


 National Institute of Technology (NIT) of Nepal



 National Institute of Science and Technology (NIST) of Nepal

Sources: Esri, HERE, Garmin, Intermap, increment P Corp.,



Sources: Esri, HERE, Garmin, Intermap, incrementP Corp.

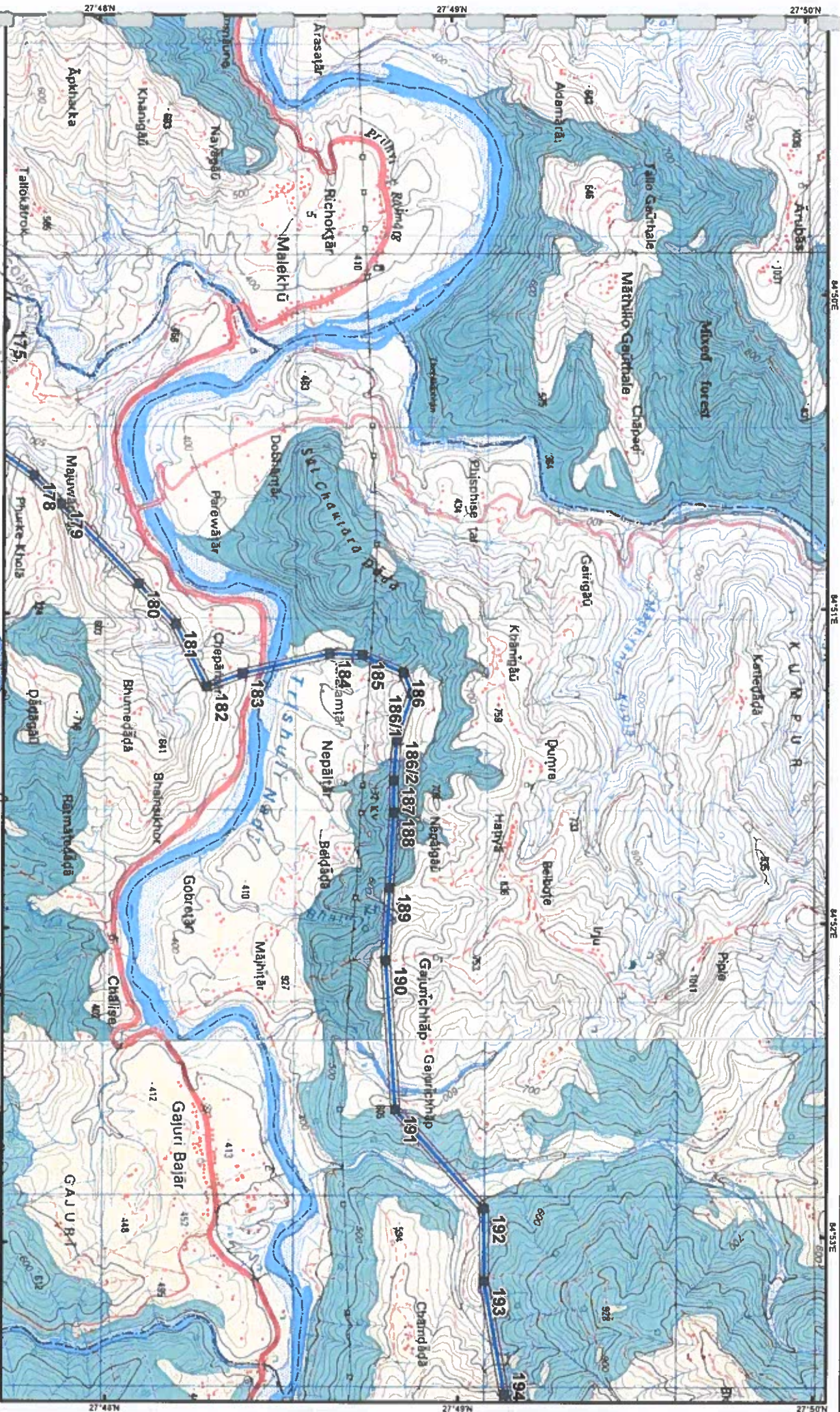


Topography Map - 34
July 2020



Transmission Line Alignment
New Alignment to Rajmaki

- Legend**
- Transmission Line Tower
 - Transmission Line ROW - 23m.



Legend

Transmission Line Tower
 Transmission Line ROW - 23m.

Transmission Line Alignment

New Damauli to Raitmate



[Handwritten signature]

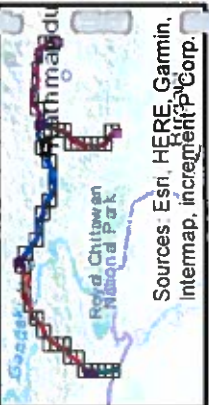
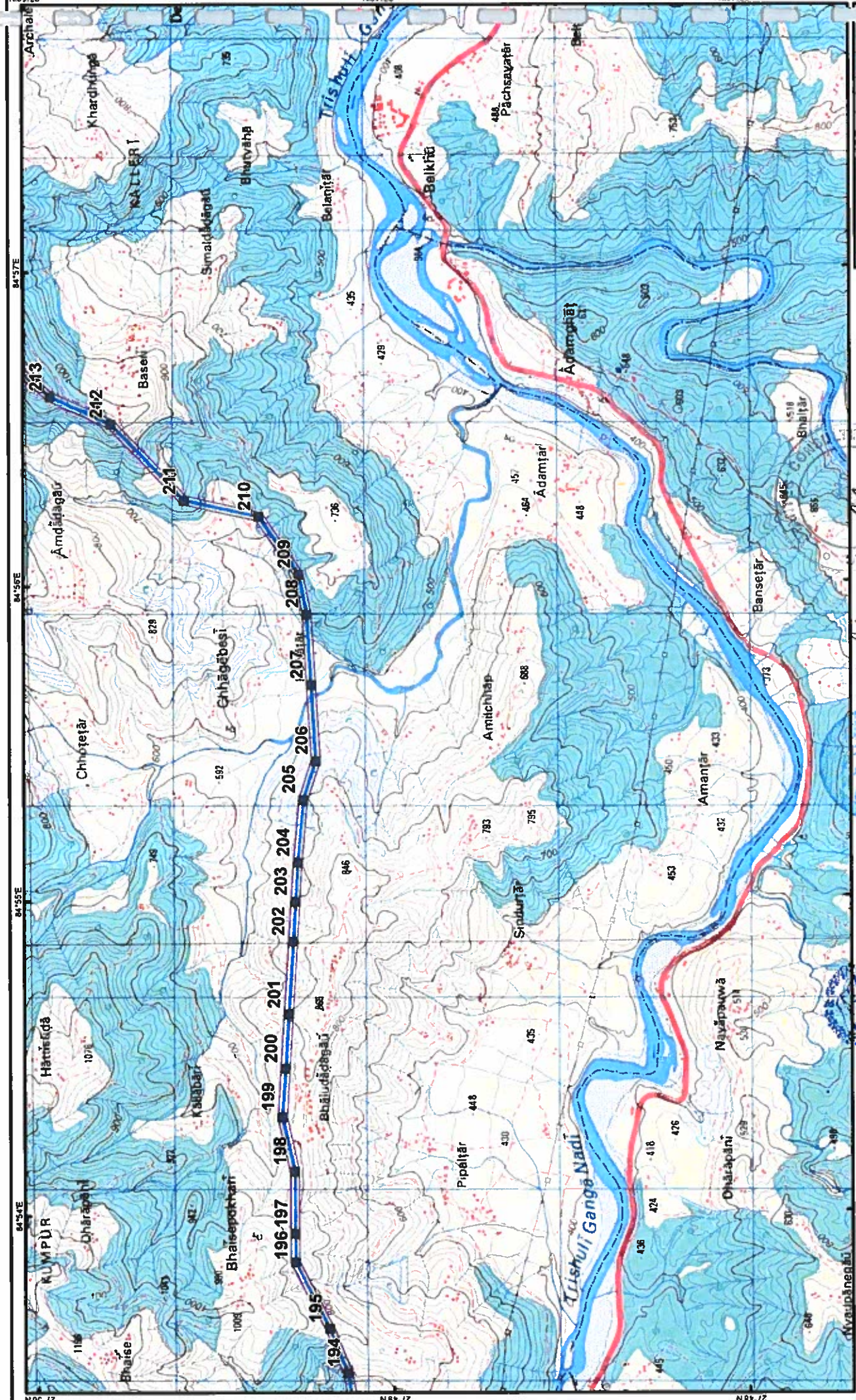
Topography Map 35

July 2020

राज्यीय विद्युत् संचालन निगम लि.
 राजस्थान विद्युत् निगम लि.
 राजस्थान विद्युत् निगम लि.



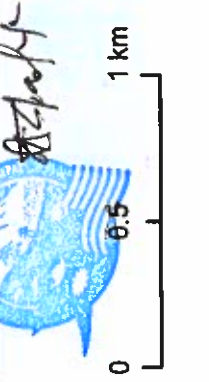
Sources: Esri, HERE, Garmin, Intermap, increment P Corp.,



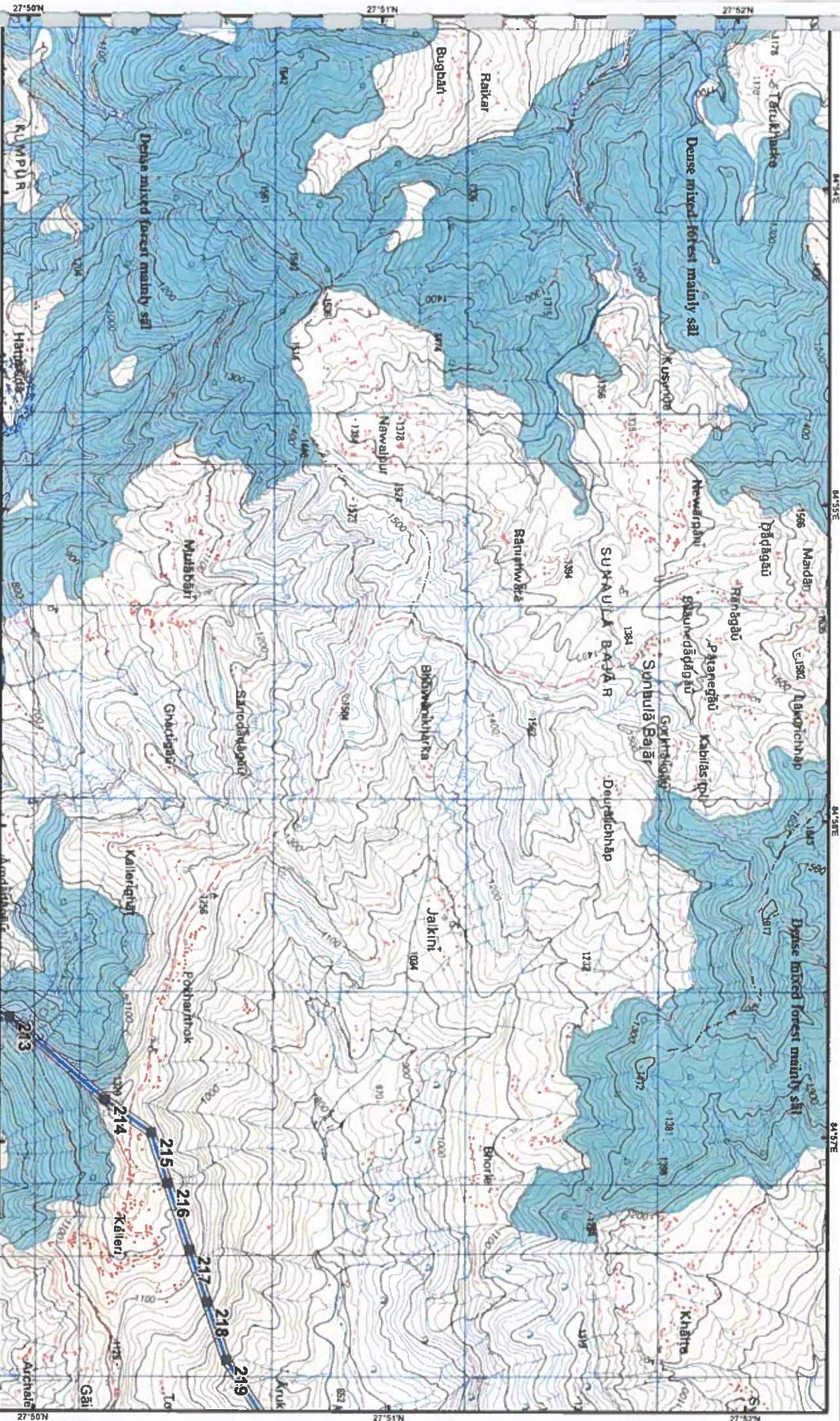
Sources: Esri, HERE, Garmin, Intermap, incrementP Corp.



Topography Map - 36
July 2020



- Legend**
- Transmission Line Tower
 - Transmission Line ROW - 23m.



Legend

- Transmission Line Tower
- Transmission Line ROW - 23m.

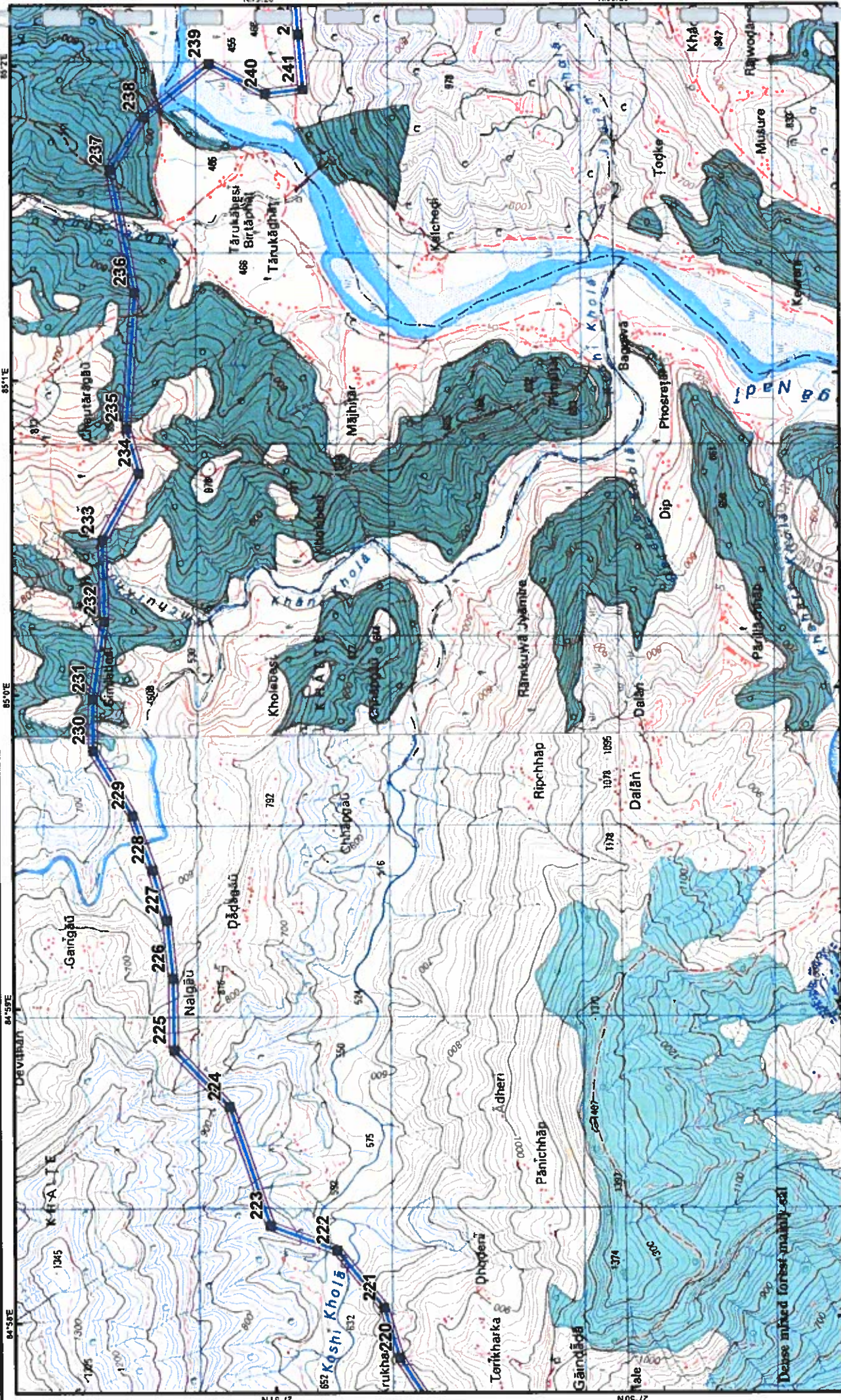


Topography Map - 37

July 2020



Sources: Esri, HERE, Garmin, Intermap, incrementP Corp.



Sources: Esri, HERE, Garmin, Intermap, increment P Corp.

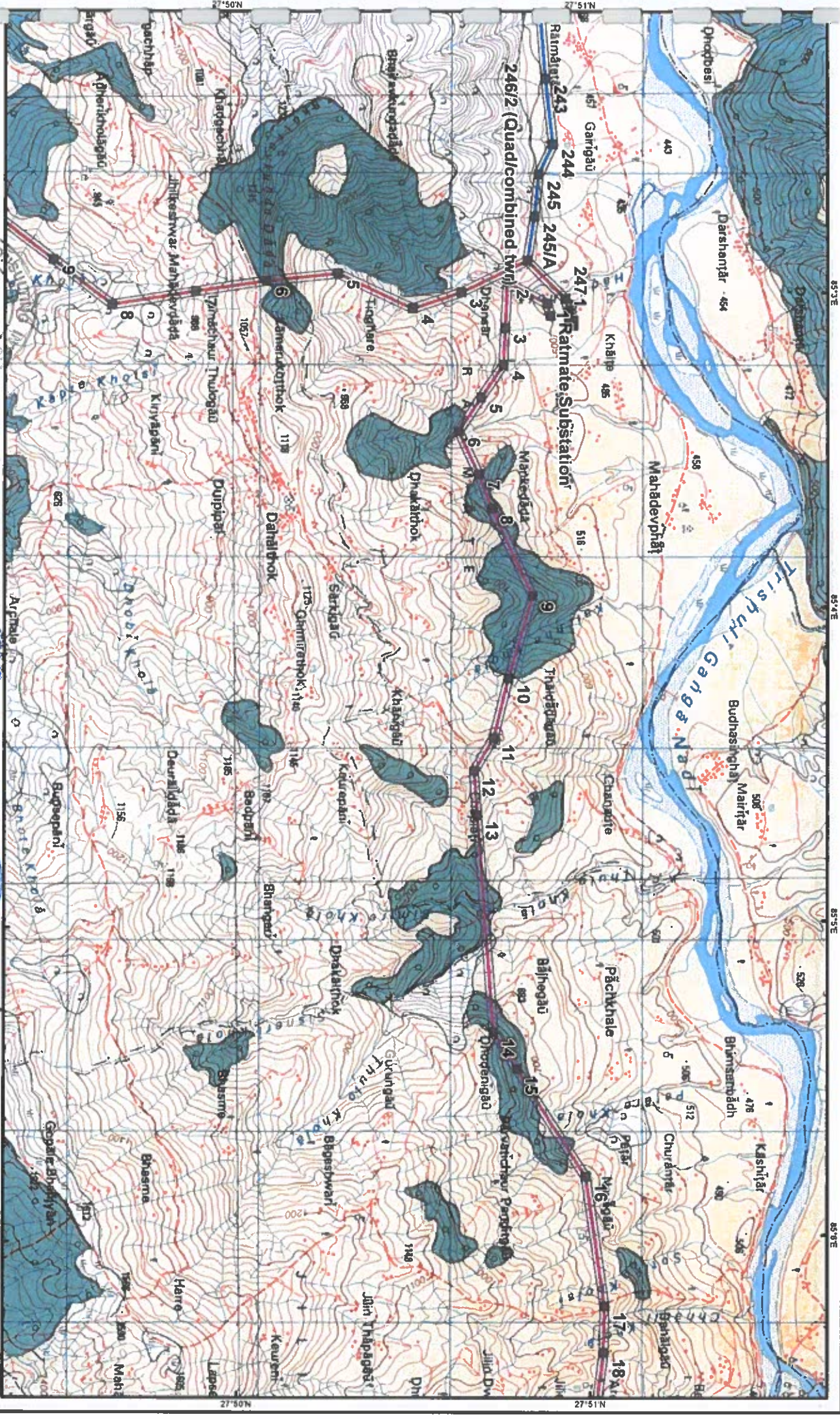


Topography Map - 38
July 2020



Transmission Line Alignment
New Yamadi to Ramechhap
विद्युत विभाग, नेपाल
Ministry of Energy, Nepal

- Legend**
- Transmission Line Tower
 - Transmission Line ROW - 23m.



Legend

- Project Substation
- Transmission Line Tower
- Transmission Line ROW - 23m.

Transmission Line Alignment

- New Damauli to Ratmate
- Ratmate to Lapsipedi
- Ratmate to New Hetauda

0 0.5 1 km

Topography Map - 39

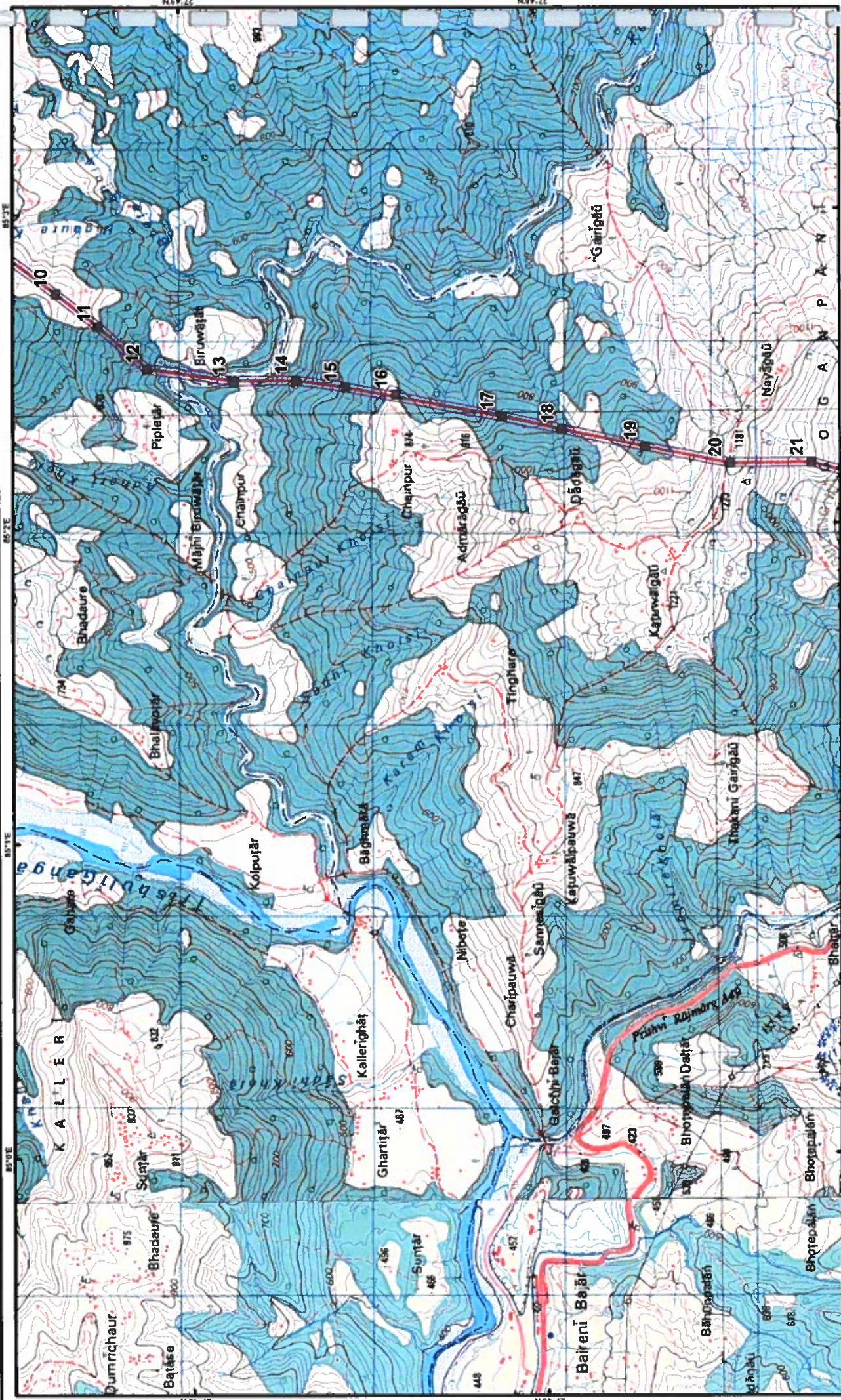
July 2020



Sources: Esri, HERE, Garmin, Intermap, increment Corp.

ERM

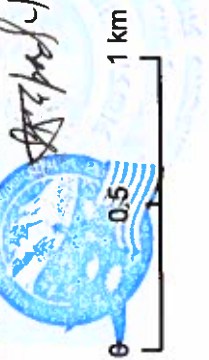




Sources: Esri, HERE, Garmin, Intermap, incrementP Corp.

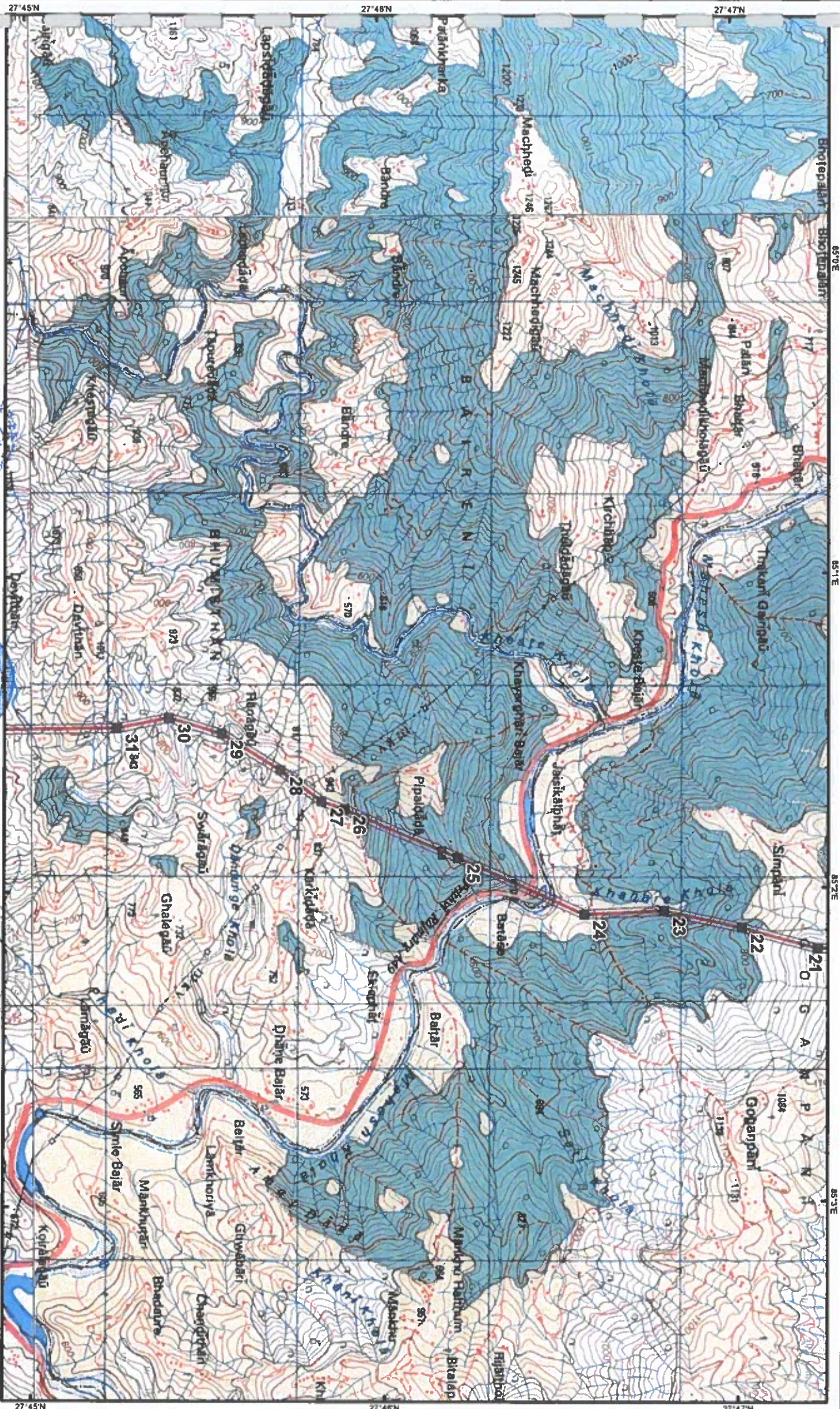


Topography Map - 40
July 2020



Transmission Line Alignment
नयाँ परियोजनाको नक्सा
बाँदा तथा बिजलीको लाइनको
सिद्धिद्वारा.

- Legend**
- Transmission Line Tower
 - Transmission Line ROW - 23m.



Legend

- Transmission Line Tower
- Transmission Line ROW - 23m.

Transmission Line Alignment

Kalagata to New Herada



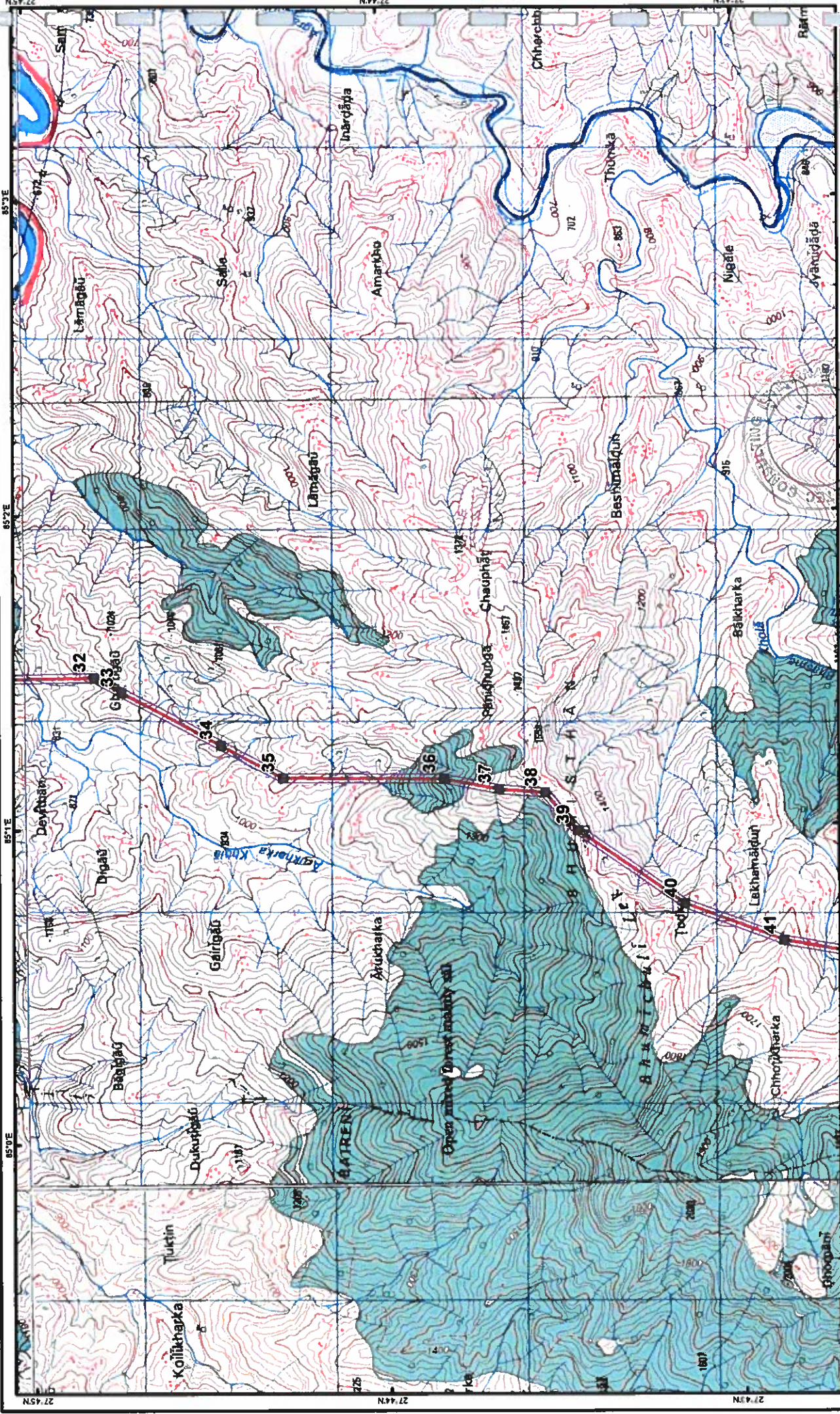
K. P. Singh

Topography Map - 41

July 2020



Sources: Esri, HERE, Garmin, Intermap, incrementP Corp.





Topography Map - 42

नयाँ नेपाल विद्युत् संचार कम्पनी लि.

 नयाँ विद्युत् संचार कम्पनी लि.

 नयाँ विद्युत् संचार कम्पनी लि.

 नयाँ विद्युत् संचार कम्पनी लि.

नयाँ विद्युत् संचार कम्पनी लि.

 नयाँ विद्युत् संचार कम्पनी लि.

 नयाँ विद्युत् संचार कम्पनी लि.

 नयाँ विद्युत् संचार कम्पनी लि.

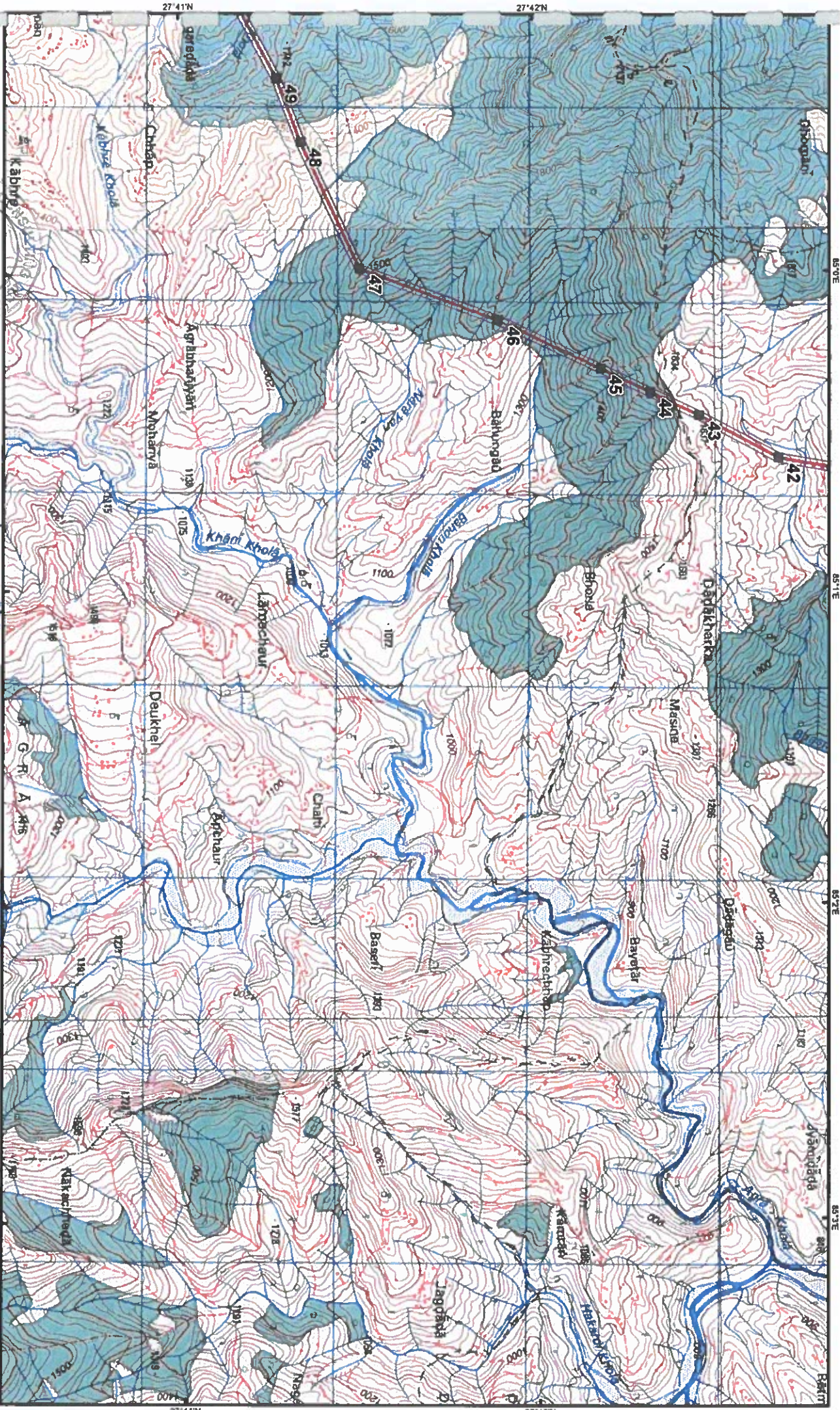
Legend

- Transmission Line Tower
- Transmission Line ROW - 23m.

Transmission Line Alignment

- Ratmate to New Hetauda

0 0.5



- Legend**
- Transmission Line Tower
 - Transmission Line ROWs 24m.
 - Transmission Line Alignment
 - Right-of-way to New Helanda



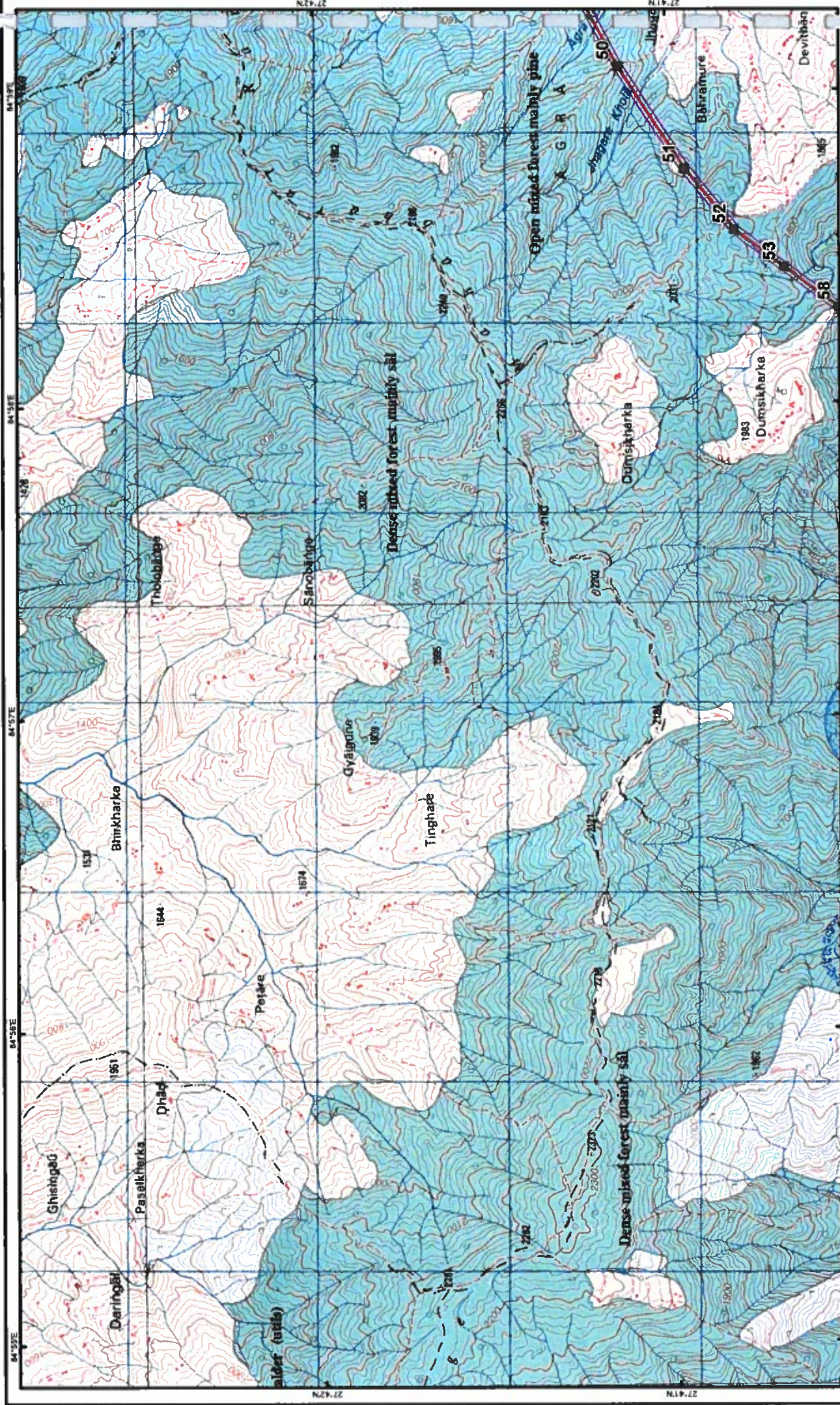
1 km

July 2020

Topography Map - 43



Sources: Esri, HERE, Garmin, Intermap, incorpairs, Corp.



Sources: Esri, HERE, Garmin, Intermap, incrementP Corp.

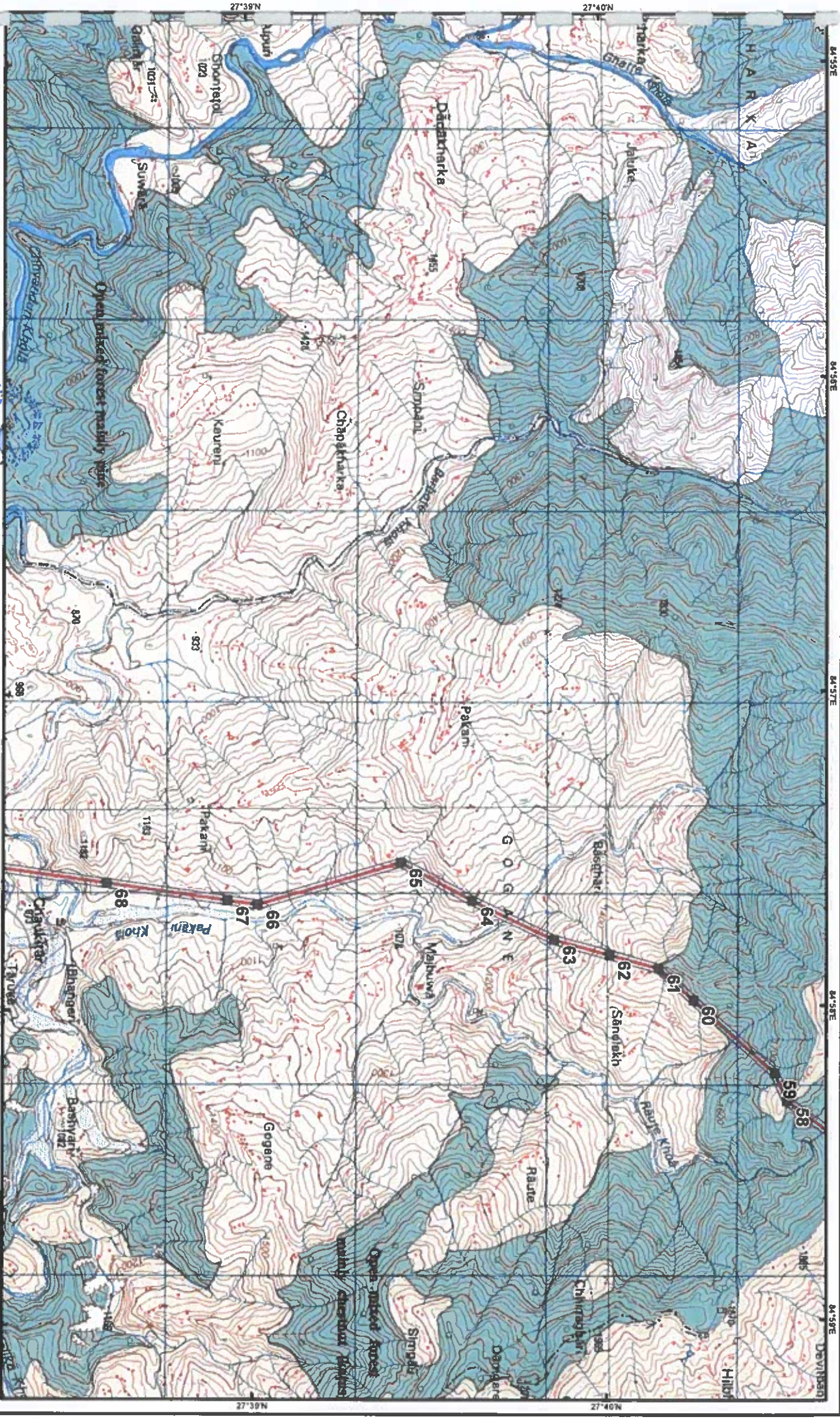


Topography Map - 44
July 2020



Transmission Line Management
— Railroads to New Helambu

- Legend**
- Transmission Line Tower
 - Transmission Line ROW - 23m.
 - Transmission Line Management
 - Railroads to New Helambu



Legend

- Transmission Line Tower
- Transmission Line ROW - 23m.

Transmission Line Alignment

Permit to New Heights



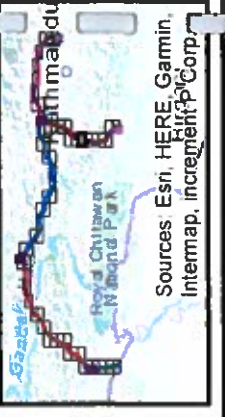
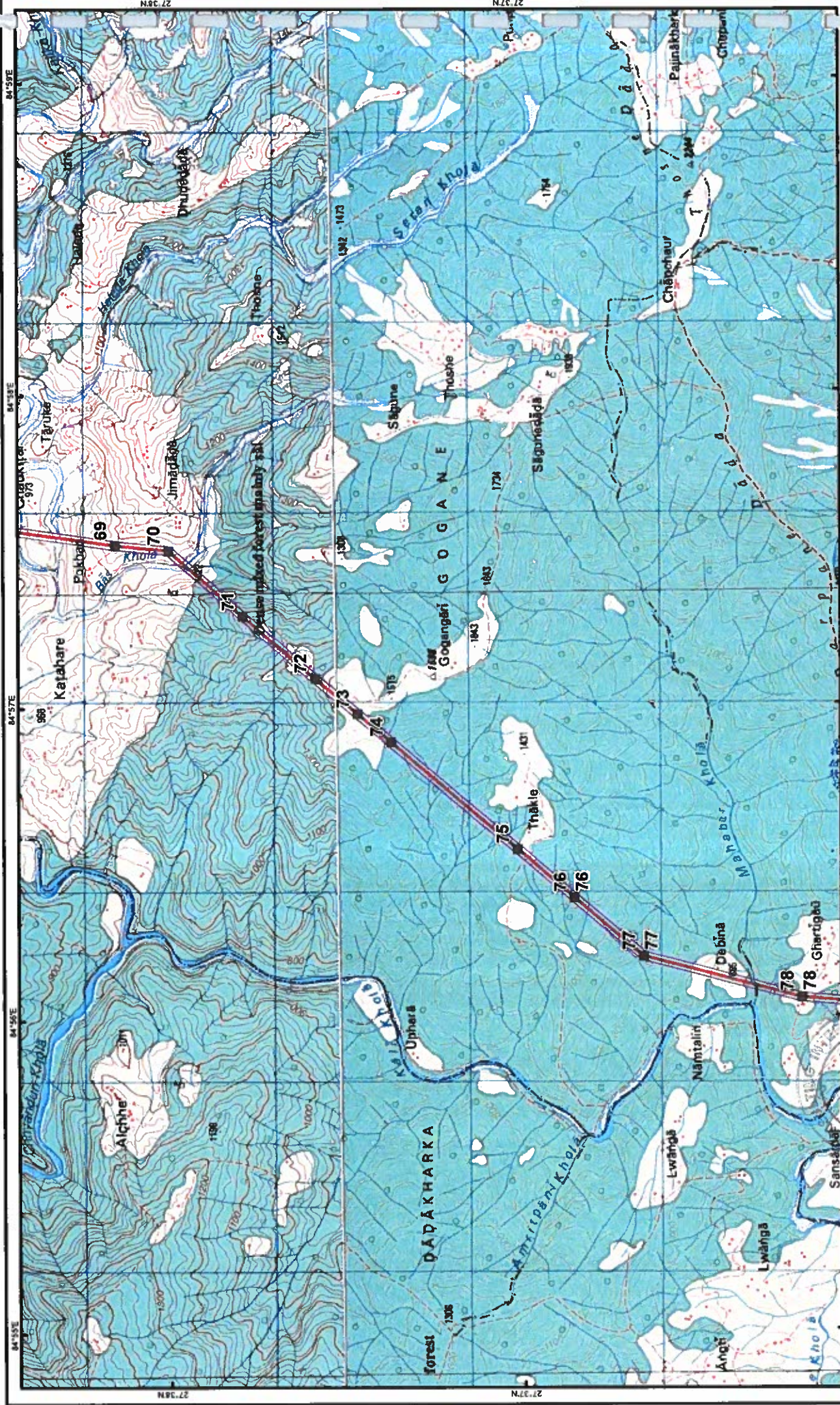
Topography Map - 45

July 2020



Sources: Esri, HERE, Garmin, Intermap, incrementP Corp.,

ERM



Sources: Esri, HERE, Garmin, Intermap, increment P Corp.



Signature
Topography Map - 46
 July 2020



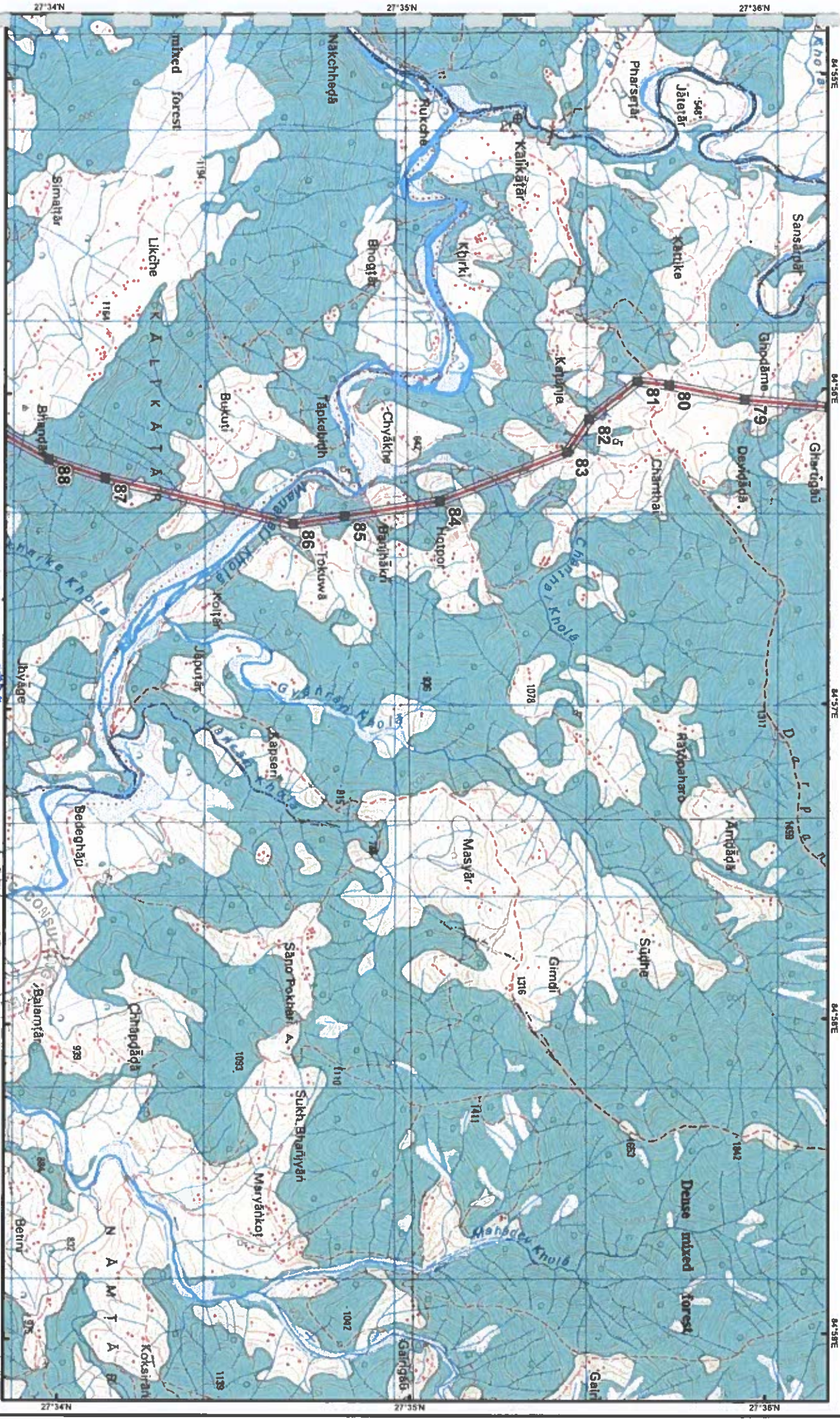
Legend

- Transmission Line Tower
- Transmission Line ROW - 23m.

Transmission Line Alignment

- Ratmate to New Hetauda

Signature



Legend

- Transmission Line Tower
- Transmission Line ROW - 23m.

Transmission Line Alignment
 Ratnada to New Helanda



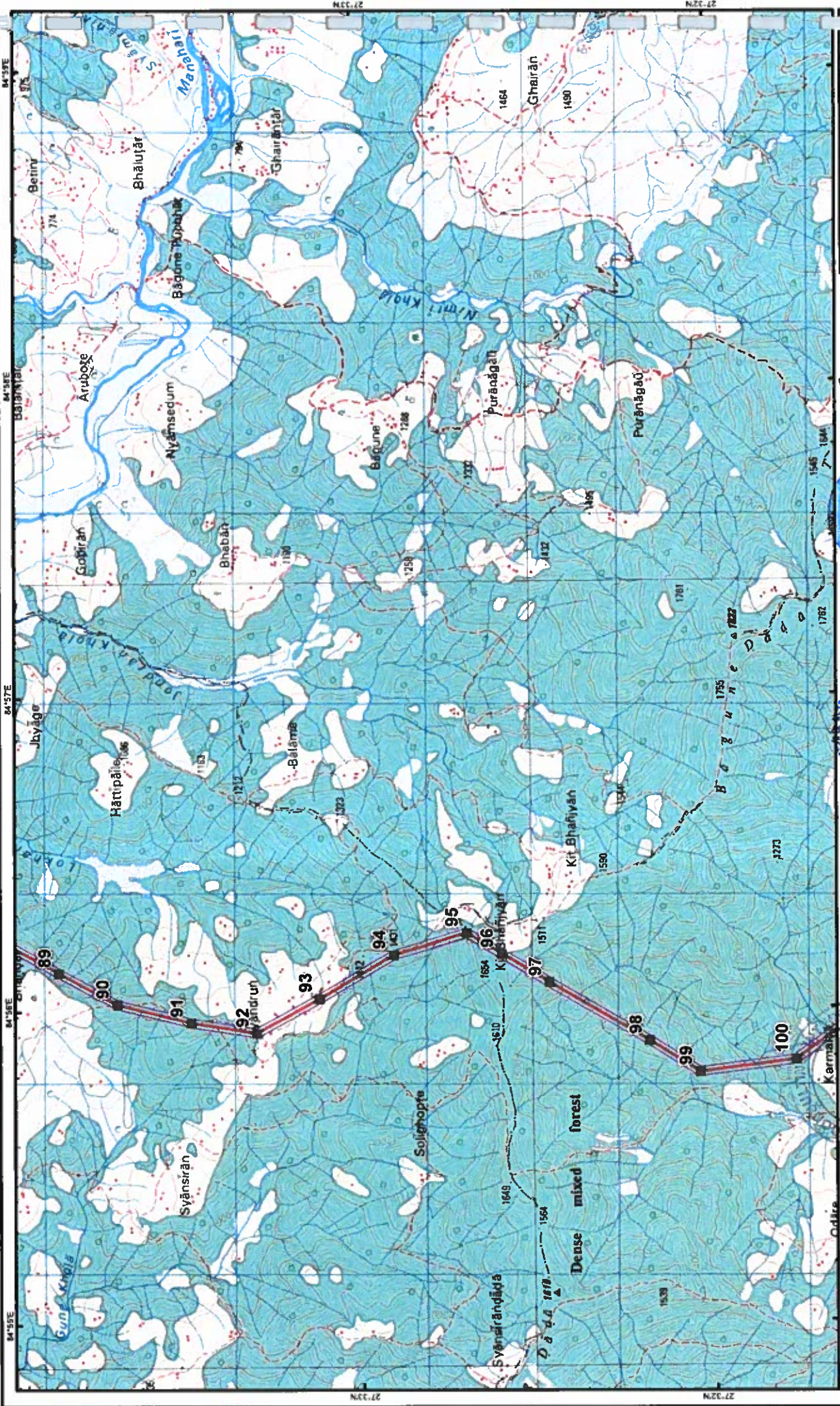
श्री ०११ सुरक्षा १
 नेपाल विद्युत् प्राधिकरण
 क्षेत्रीय कार्यालय

Topography Map - 47

July 2020



Sources: Esri, HERE, Garmin, Intermap, increment P Corp.



Sources: Esri, HERE, Garmin, Intermap, increment P Corp.



Signature
Topography Map - 48
 July 2020



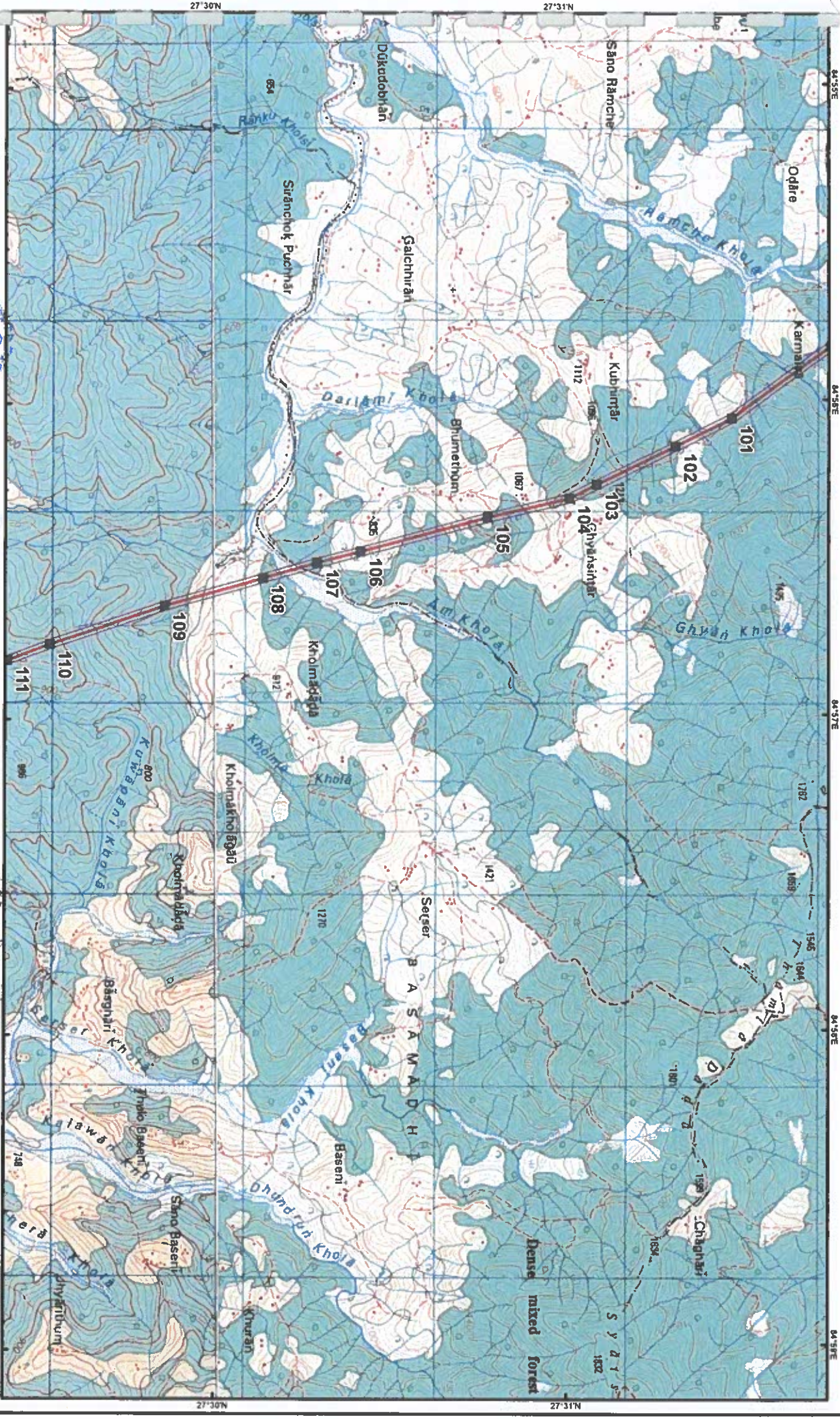
Legend

- Transmission Line Tower
- Transmission Line ROW - 23m.

Transmission Line Alignment

- Rautmole to New Hetauda

2020
 SURVEY OF NEPAL
Signature



- Legend**
- Transmission Line Tower
 - Transmission Line ROW - 23m.

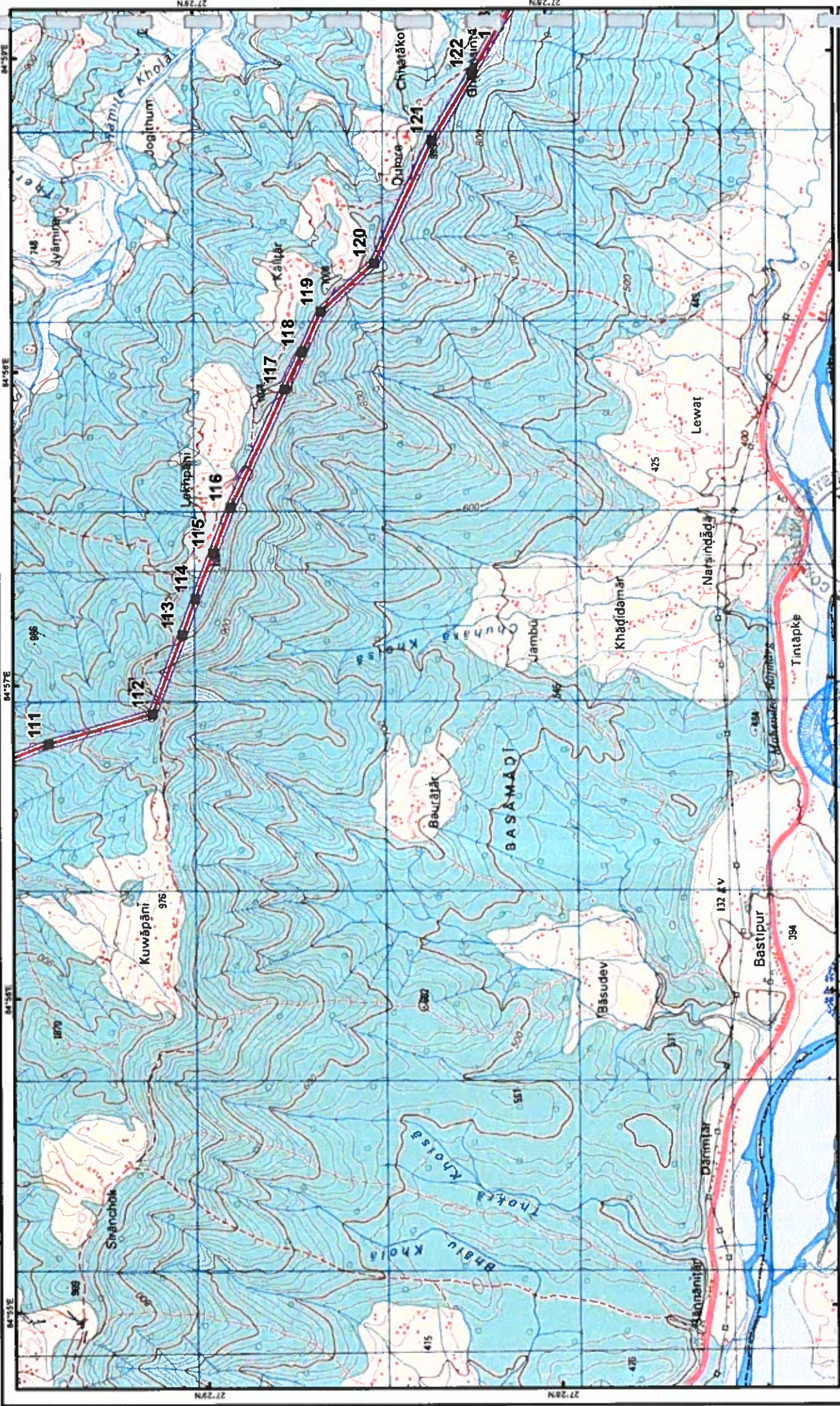
Transmission Line Alignment
 Barmala to New Melanda
 नेपाल सरकार
 नेपाल विद्युत प्राधिकरण
 सिक्दरवार, काठमाडौं



Topography Map - 49
 July 2020

ERM

Sources: Esri, HERE, Garmin, Intermap, increment P Corp.,



Sources Esri HERE, Garmin, Intermap, incrementP Corp.

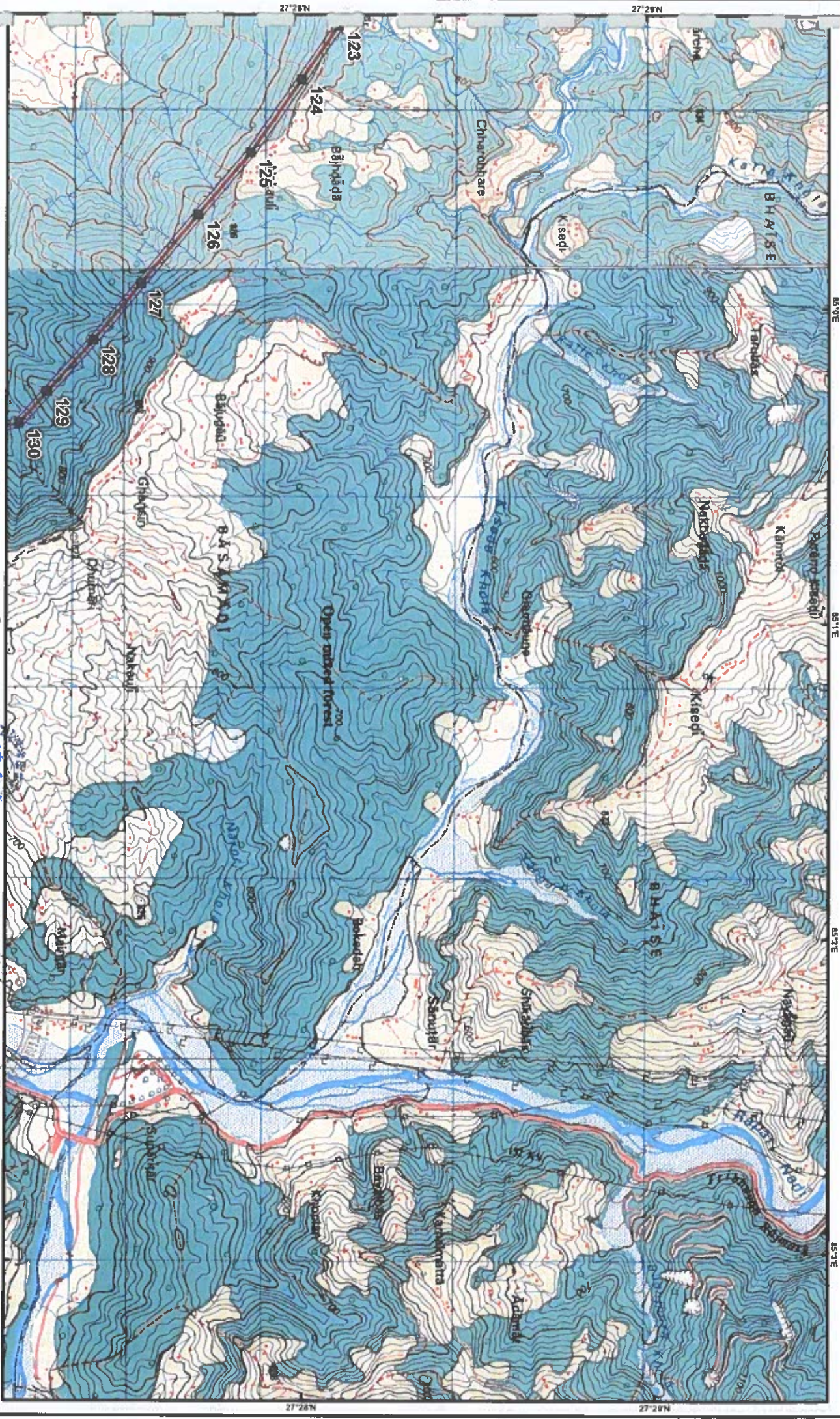


Topography Map - 50
July 2020



Transmission Line Alignment
Rajpura to New Field Jula
बसुदेव बाजार नया क्षेत्र जुला सिद्धेश्वर

- Legend**
- Transmission Line Tower
 - Transmission Line ROW - 23m.



Legend

- Transmission Line Tower
- Transmission Line ROW - 23m.

Transmission Line Alignment
 — Raimate to New Retauda



0 0.5 1 km

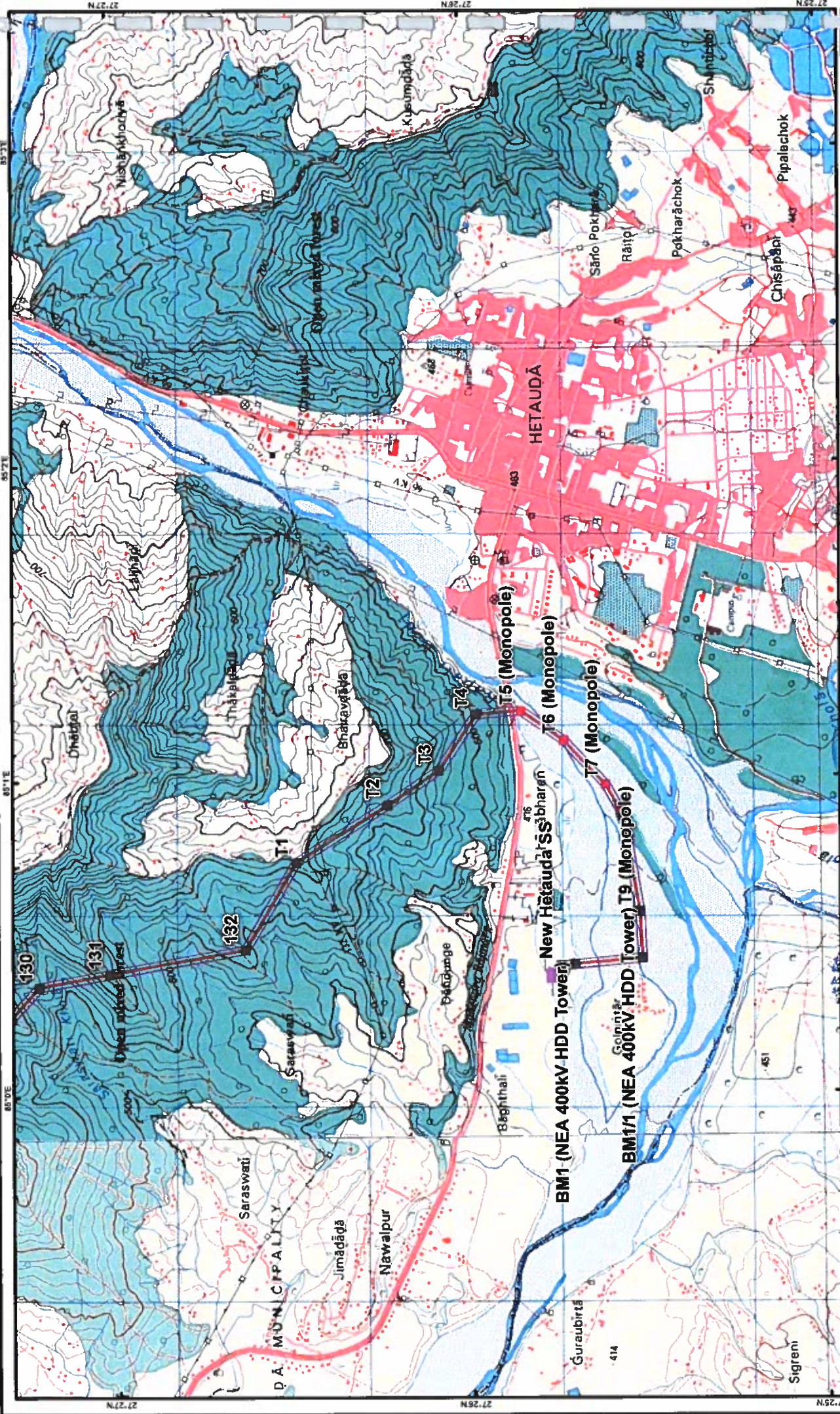
राष्ट्रीय सर्वेक्षण विभाग
 National Bureau of Surveying and Mapping
 July 2020

Topography Map - 51



Sources: Esri, HERE, Garmin, Intermap, incorpairs, etc., Corp.

ERM



Sources: Esri, HERE, Garmin, Intermap, incrementP Corp.

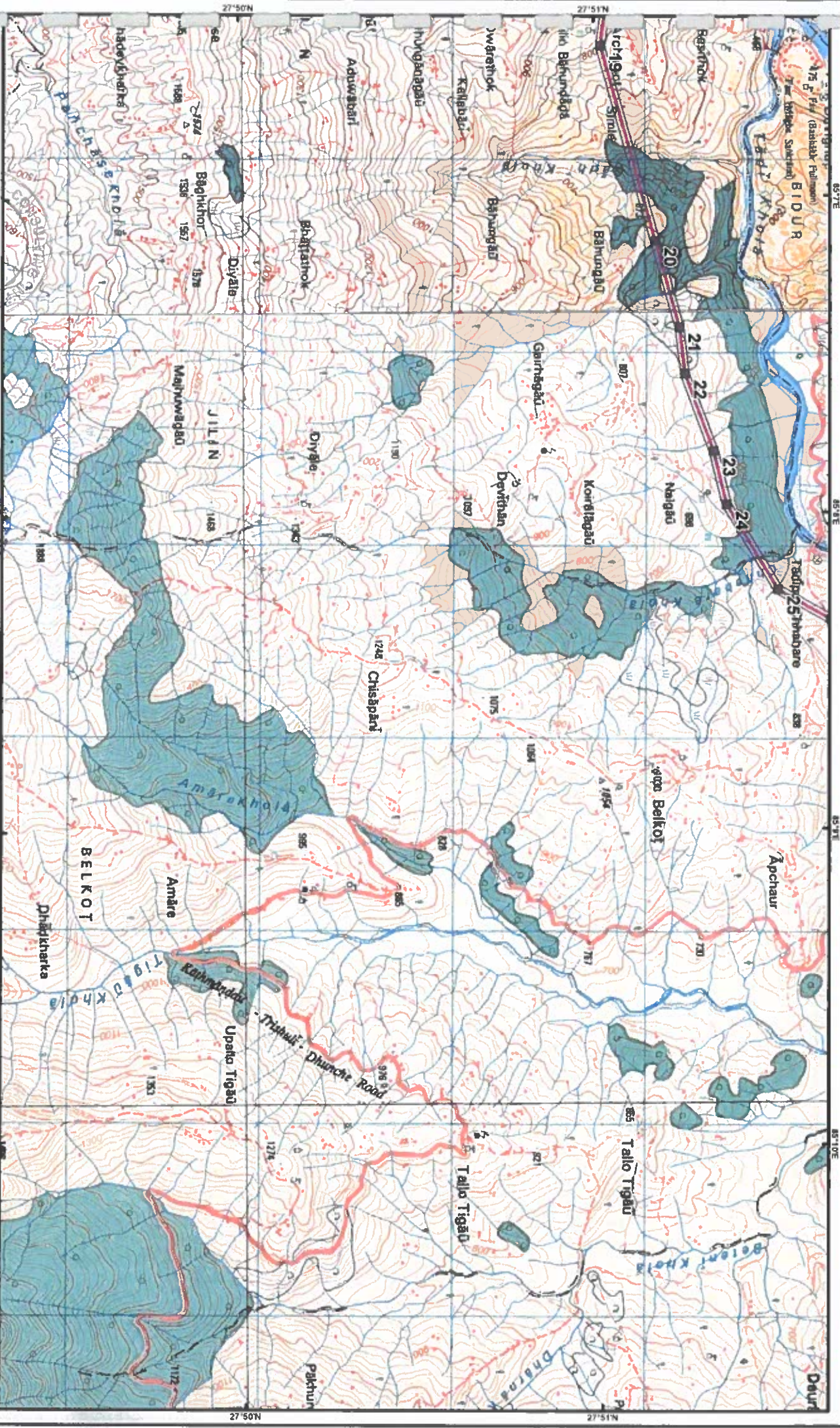


Topography Map - 52
 July 2020



Transmission Line Alignment
 Estimate to New Hetauda

- Legend**
- Interconnection Substation
 - Transmission Line Tower
 - TL Tower in potential flood prone area
 - Transmission Line ROW - 23m.



Legend

- Transmission Line Tower
- Transmission Line ROW - 23m

Transmission Line Alignment

- Ratmala to Lapshedi

0.5

1 km

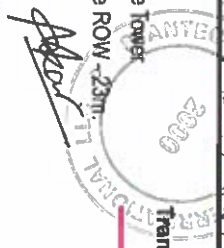
[Signature]

Topography Map - 53

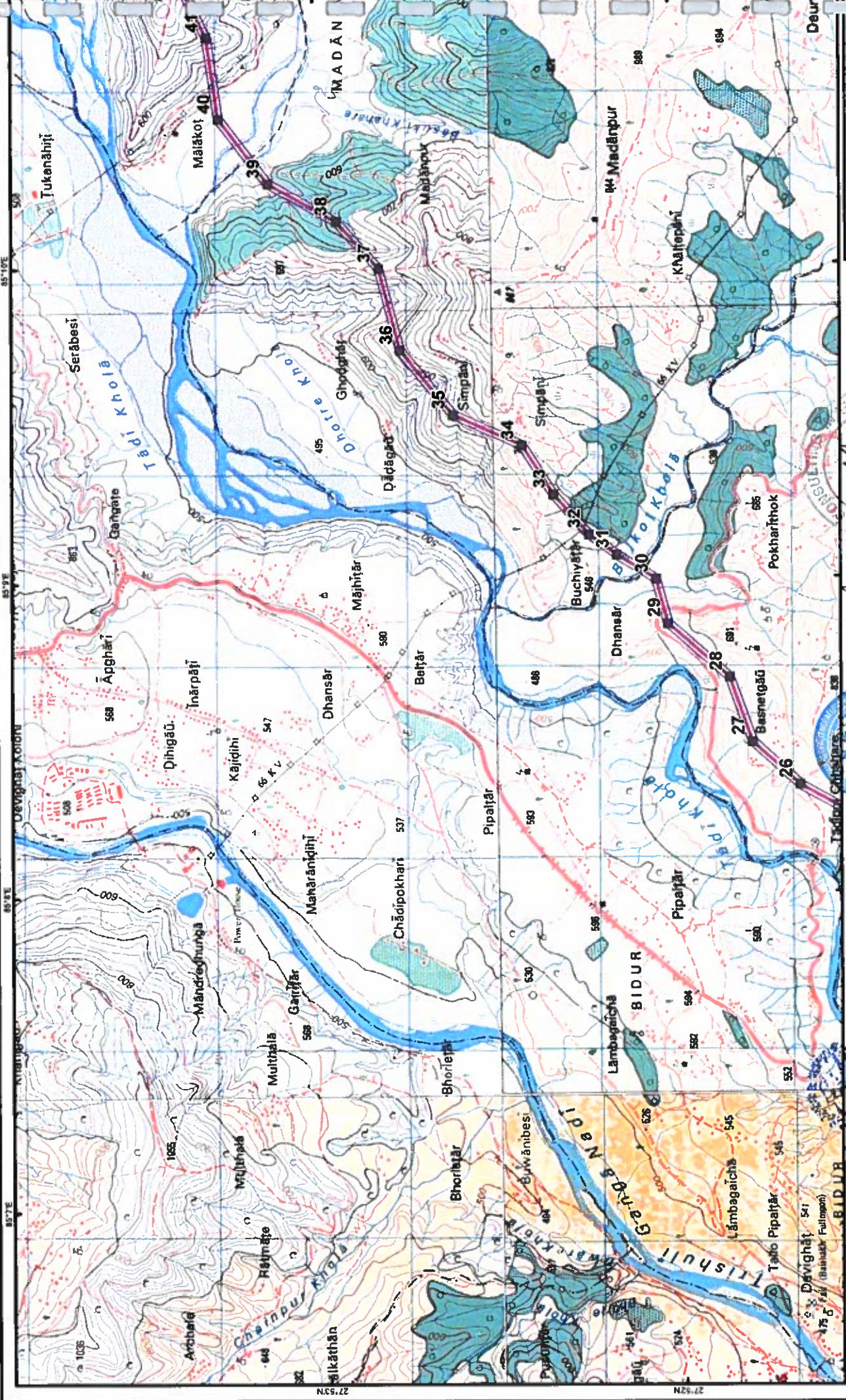
July 2020



Sources: Esri, HERE, Garmin, Intermap, incorpairs Corp.



राष्ट्रिय विद्युत् शक्ति प्राधिकरण
 नेपाल विद्युत् शक्ति प्राधिकरण
 राष्ट्रिय विद्युत् शक्ति प्राधिकरण



Sources: Esri, HERE, Garmin, Intermap, incrementP Corp.



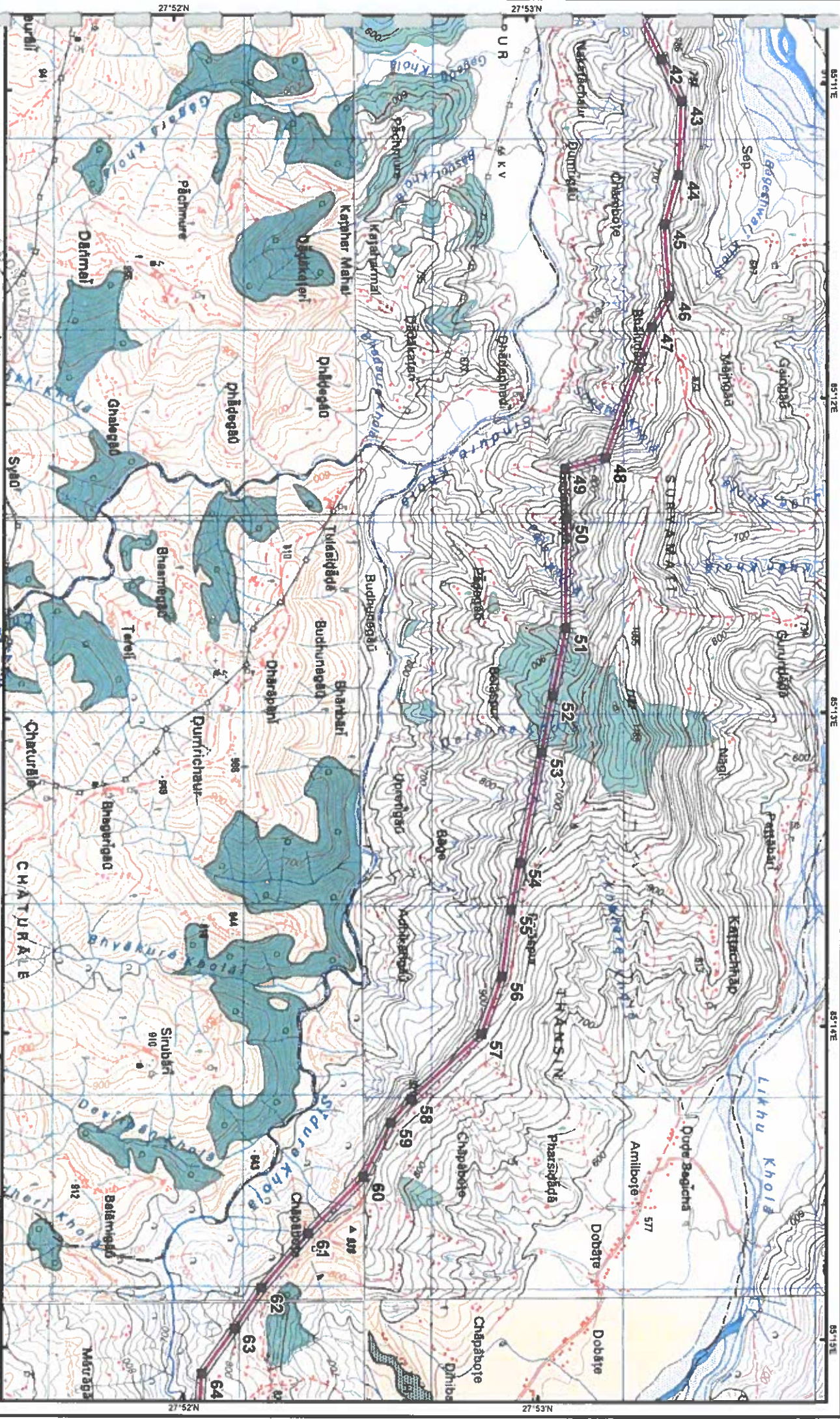
Topography Map 54
July 2020



Legend

- Transmission Line Tower
- Transmission Line ROW - 23m

नेपाल विद्युत् प्राधिकरण
BIDUR
Transmission Line Alignment
Project to Lapsipedi



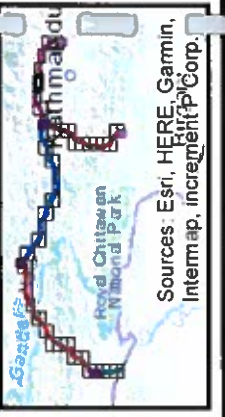
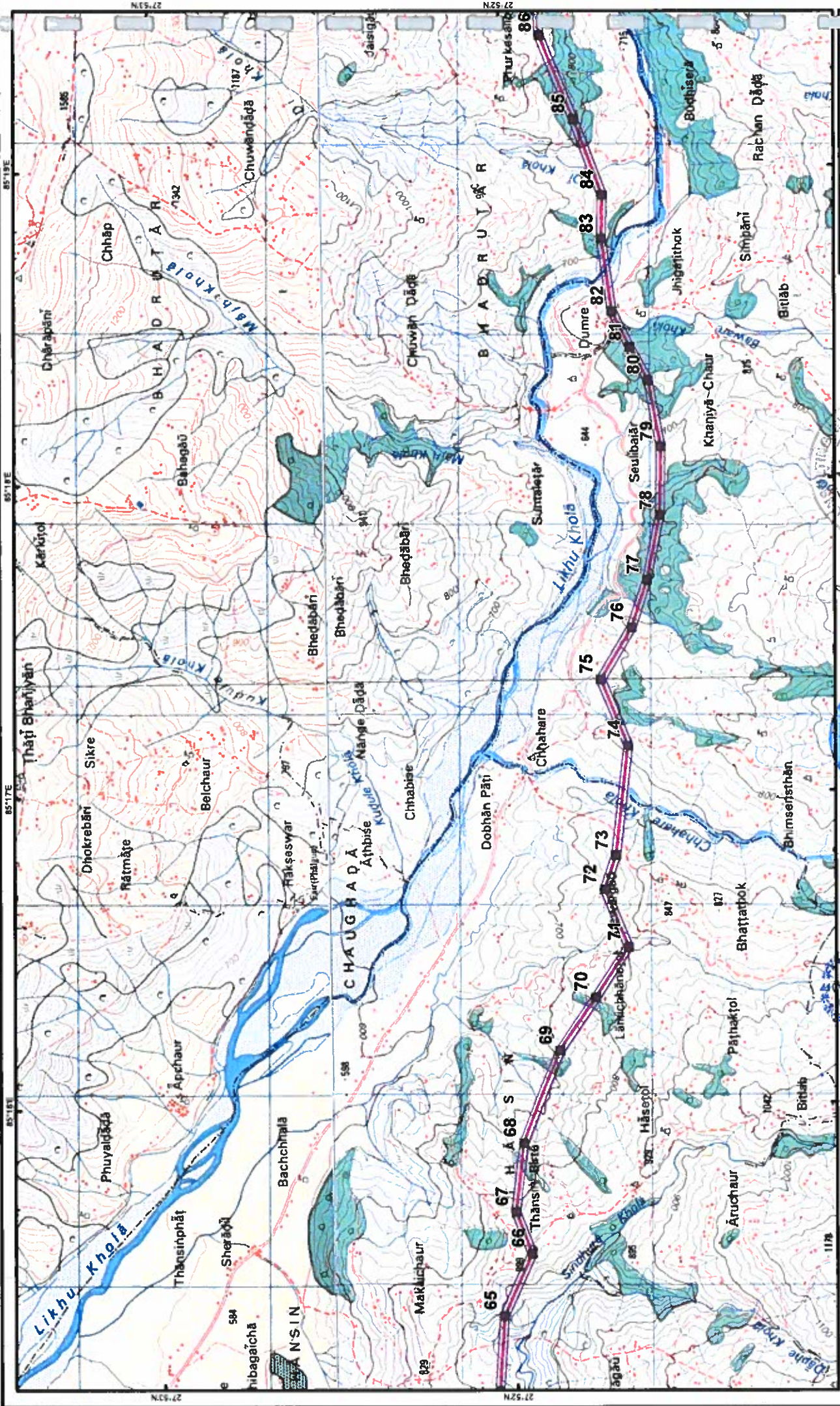
- Legend**
- Transmission Line Tower
 - Transmission Line ROW - 23m
 - Transmission Line Alignment
 - Rātrāte to Lapsipedi



Topography Map - 55
 July 2026



Sources: Esri, HERE, Garmin, Intermapp, increment P Corp.,



Sources: Esri, HERE, Garmin, Intermap, increment P Corp.

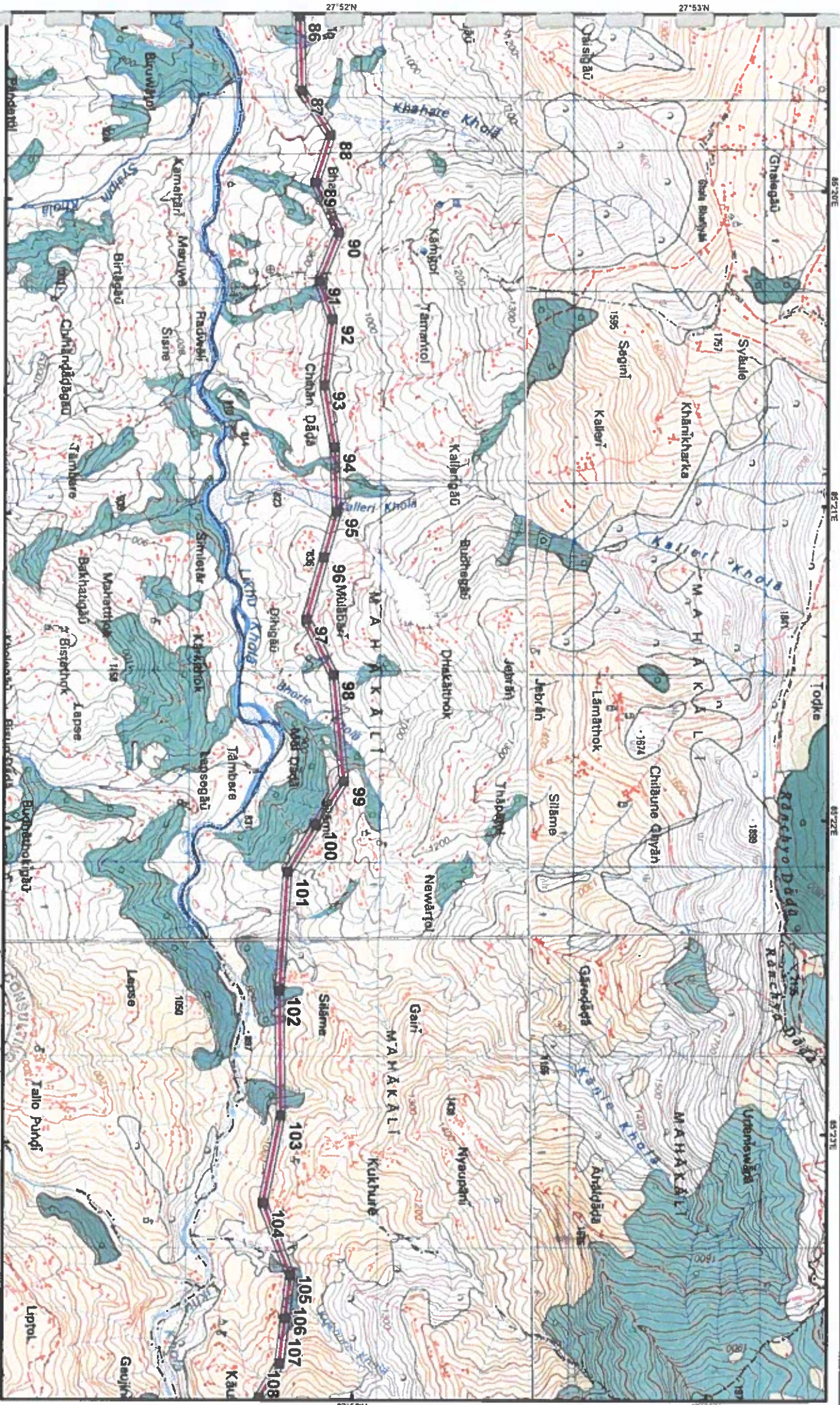


Topography Map - 56
July 2020



Transmission Line Alignment
Path to be Lapsed

- Legend**
- Transmission Line Tower
 - Transmission Line ROW - 23m.



- egend**
- Transmission Line Tower
 - Transmission Line ROW - 23m.

Transmission Line Alignment
 Right of Way to Topography

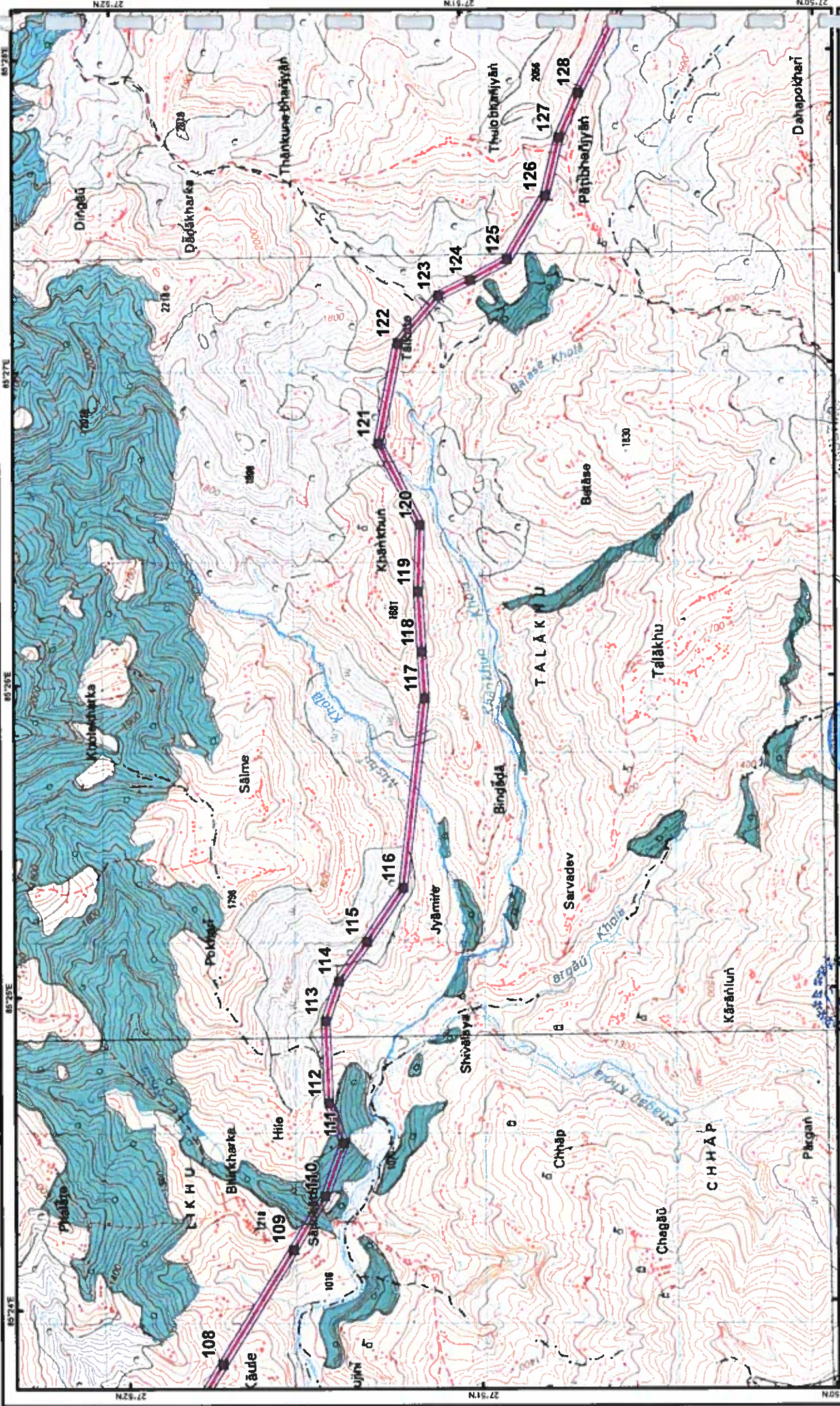


Topography Map - 57

July 2020



Sources: Esri, HERE, Garmin, Intermap, increment P Corp.,



Sources: Esri, HERE, Garmin, Intermap, incgriatitp Corp.

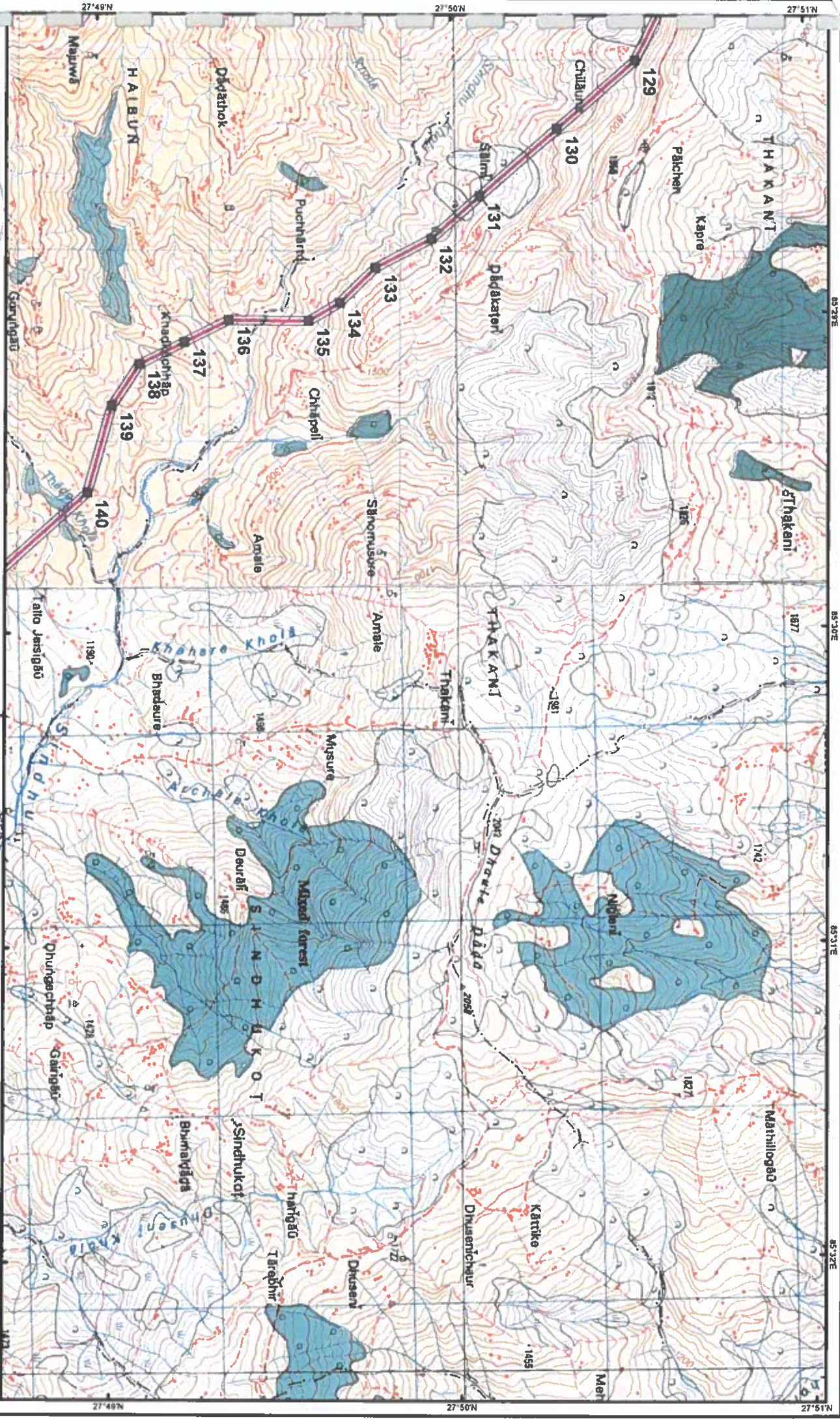


Topography Map -58
July 2020



Transmission Line Alignment
 १०८ नं. की बिजली लाइन
 सिद्धपुर, क.

- Legend**
- Transmission Line Tower
 - Transmission Line ROW - 23m.



Legend

- Transmission Line Tower
- Transmission Line ROW 23m
- Transmission Line Alignment
- Ratna to Lapsidedi



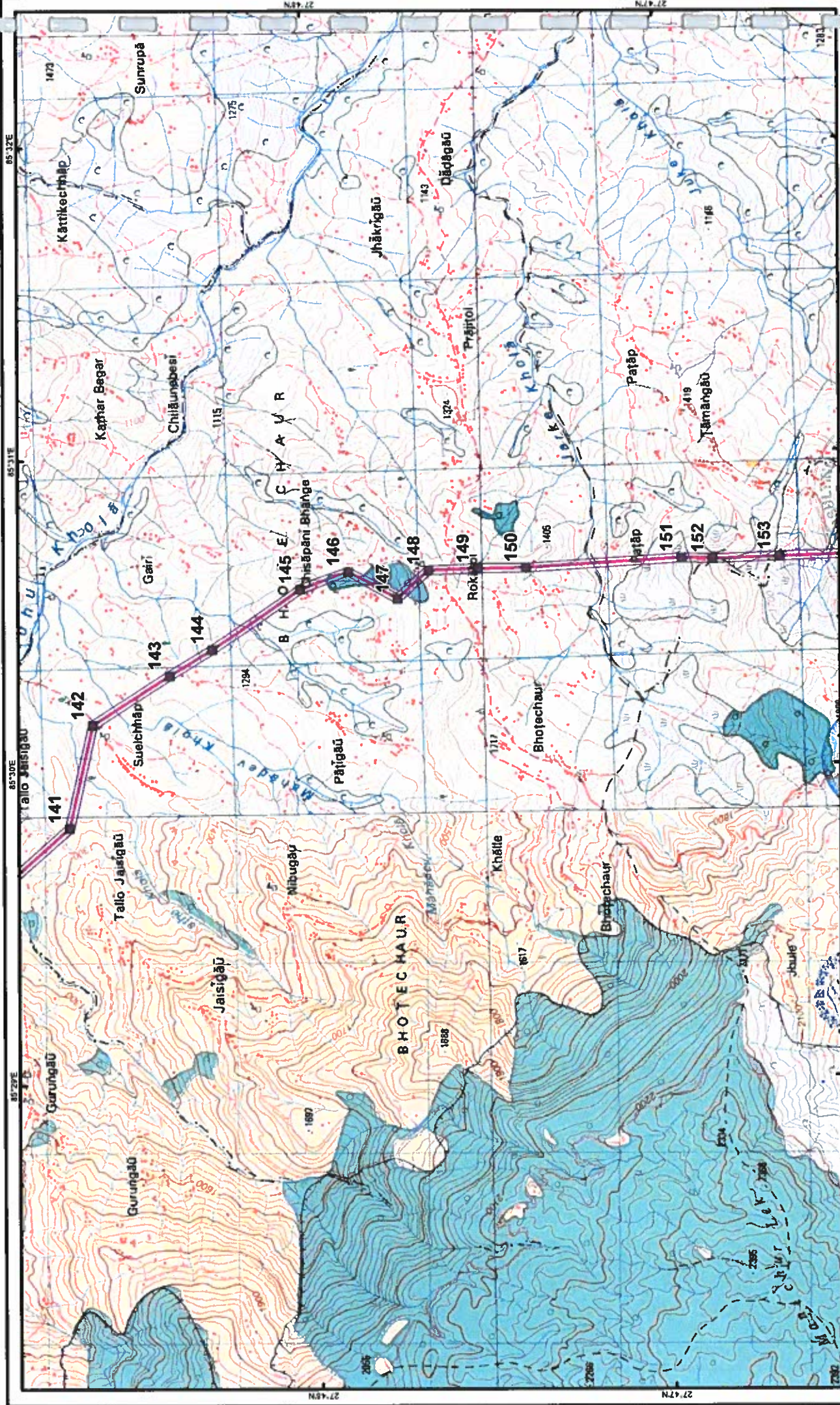
[Handwritten Signature]



Topography Map - 59



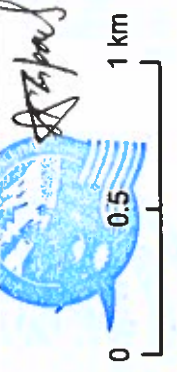
Sources: Esri, HERE, Garmin, Intermap, incornell, Corp.,



Sources: Esri, HERE, Garmin, Intermap, incrementP Corp.



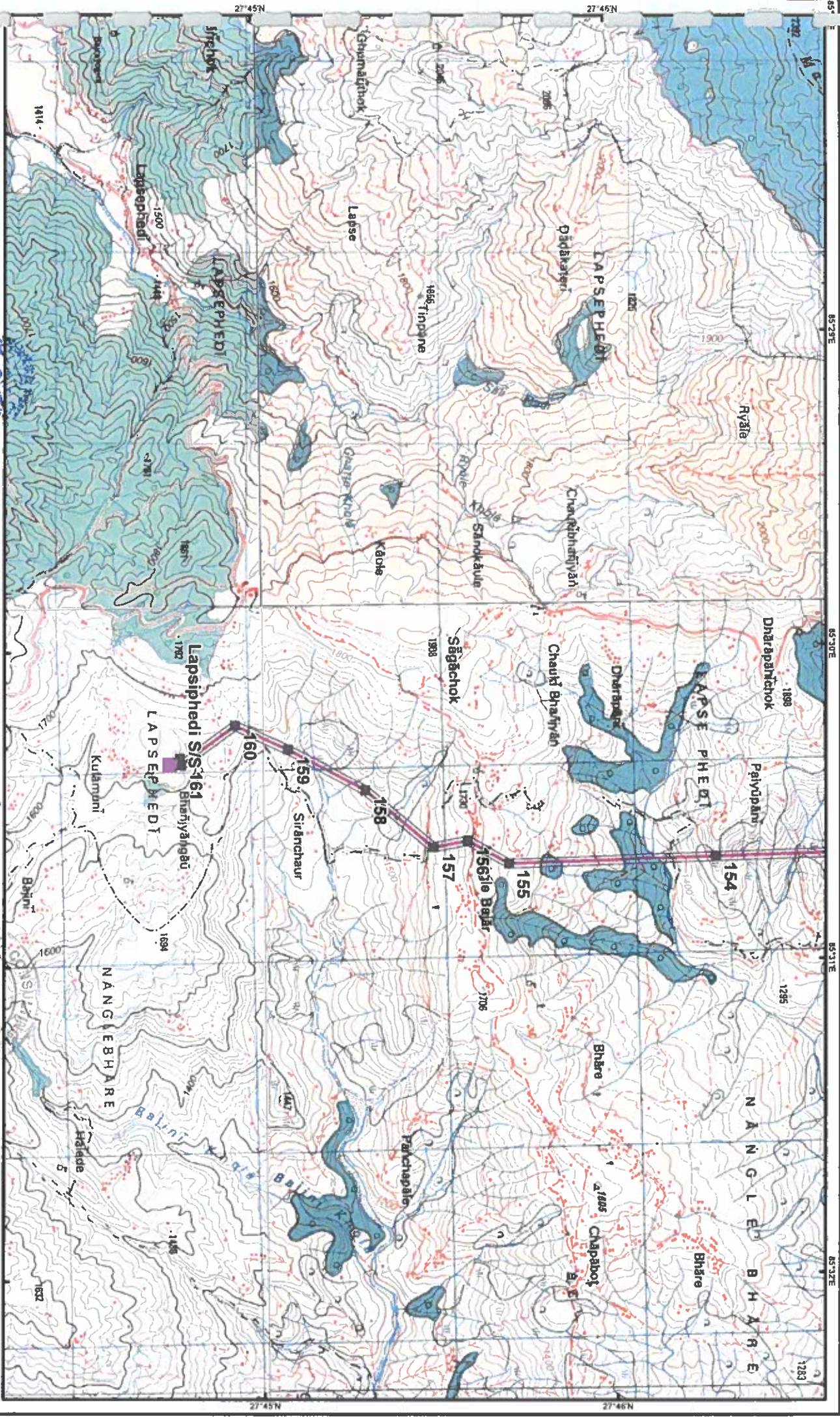
INTERNATIONAL
Topography Map - 60
 July 2020



Transmission Line Alignment
 प्रमाणित लाइन लेआउट
 सिद्धकर्ता

- Legend**
- Transmission Line Tower
 - Transmission Line ROW - 23m.

Signature



Legend

- Interconnection Substation
- Transmission Line Tower
- Transmission Line ROW - 23m.



 Transmission Line Alignment
 Kaptanagar to Lapsiphedhi
 बिबरुवाटार, काठमाडौं



Signature
 Topography Map - 61
 July 2020



Sources: Esri, HERE, Garmin, Intermap, incrementP Corp.,



ANNEX T: Land Parcels Estimate

Annex T Table of Contents

ATTACHMENT	NAME
T-1	Permanent Land Parcels (Substation and Towers) Estimate
T-2	Restricted Land Parcels (RoW) Estimate



Handwritten signature in blue ink.



Handwritten signature in blue ink.

