



F45B9  
173E 91

F45B13  
173E 13

F45C1  
173E 1

F45B10  
173E 10

F45B14  
173E 14

F45C2  
173E 2

F45B11  
173E 11

F45B15  
173E 15

F45C3  
173E 3

173E 91

173E 13

173E 1

173E 10

173E 14

173E 2

173E 11

173E 15

173E 3

173E 91

173E 13

173E 1

173E 10

173E 14

173E 2

173E 11

173E 15

173E 3

Express highway: with toll; with bridge; with distance stone

Roads metalled: according to importance

Roads double carriageways: according to importance

Unmetalled road: Cart-track; Pack-track with pass; Foot-path

Swamps: with track in bed; underflow; Canal

Dams: masonry or rock-filled; earthwork; Weir

River: dry with water channel; with island & rocks; Tidal river

Submerged rocks; Shoal; Swamp; Reeds

Wells: fixed; unfixed; Tubo-well; Spring; Tanks: perennial; dry

Entankments: road or rail; tank; Broken ground; under construction

Railways: broad gauge double; single with station; under construction

Railways: other gauges: double; single with station; under construction

Mineral line or tramway; Kin. Cutting with tunnel

Contours with sub-features; Rocky slopes; Cliffs

Sand features: (1) flat; (2) dune-like; (3) dunes; (4) dunes; (5) dunes

Towns or Villages: inhabited; deserted; Fort

Hot: permanent; temporary; Tower; Anilak; (1) flat; (2) dune-like; (3) dunes; (4) dunes; (5) dunes

Temple; Chhatra; Church; Mosque; Idgah; Tomb; Groves

Lighthouse; Lightship; Buoy; Light; Underlight; Anchorage

Mine: Vene on trails; Grass; Scrub

Palm; papyrus; other; Platanus; Conifer; Bamboo; Other trees

Arms: cultivated; wooded; Surveyed tree

Boundary: International

State: demarcated; undemarcated

District: subdivision; taluk or taluk; forest

Boundary pillars: surveyed; unlocated

Height; triangulation; station; point; approximate

Bench-mark: geodetic; tertiary; canal

Post office; Telegraph office; Overland tank

Rail house or inspection; Jangal; Crenel house; Police station

Camping ground; Forest: reserved; protected

Special names: administrative; locality or tribal

Hospital; Dispensary; Veterinary; Hospital / Dispensary

Aerodrome; Yulpa; Tourist site

Power line: with pylons surveyed; with poles unsurveyed

ALT-1 ( Length = 23.436km )

ALT-2 ( Length = 23.142km )

ALT-3 ( Length = 22.566km )

निरज कुमार  
Niraj Kumar

वरिष्ठ अभियंता (निर्माण) / Senior Engineer (Construction)

मैल (हस्ताक्षर) / Signature

दिनांक / Date

पृष्ठ / Page

Scale

Job No.

Drawing / Document No.

Sheet

Rev.

1 : 50,000

TDC/GAIL/19-20

TDC-GAIL-BOKARO-20-19-RF-ALT-RM-01

01-01

0B

A2