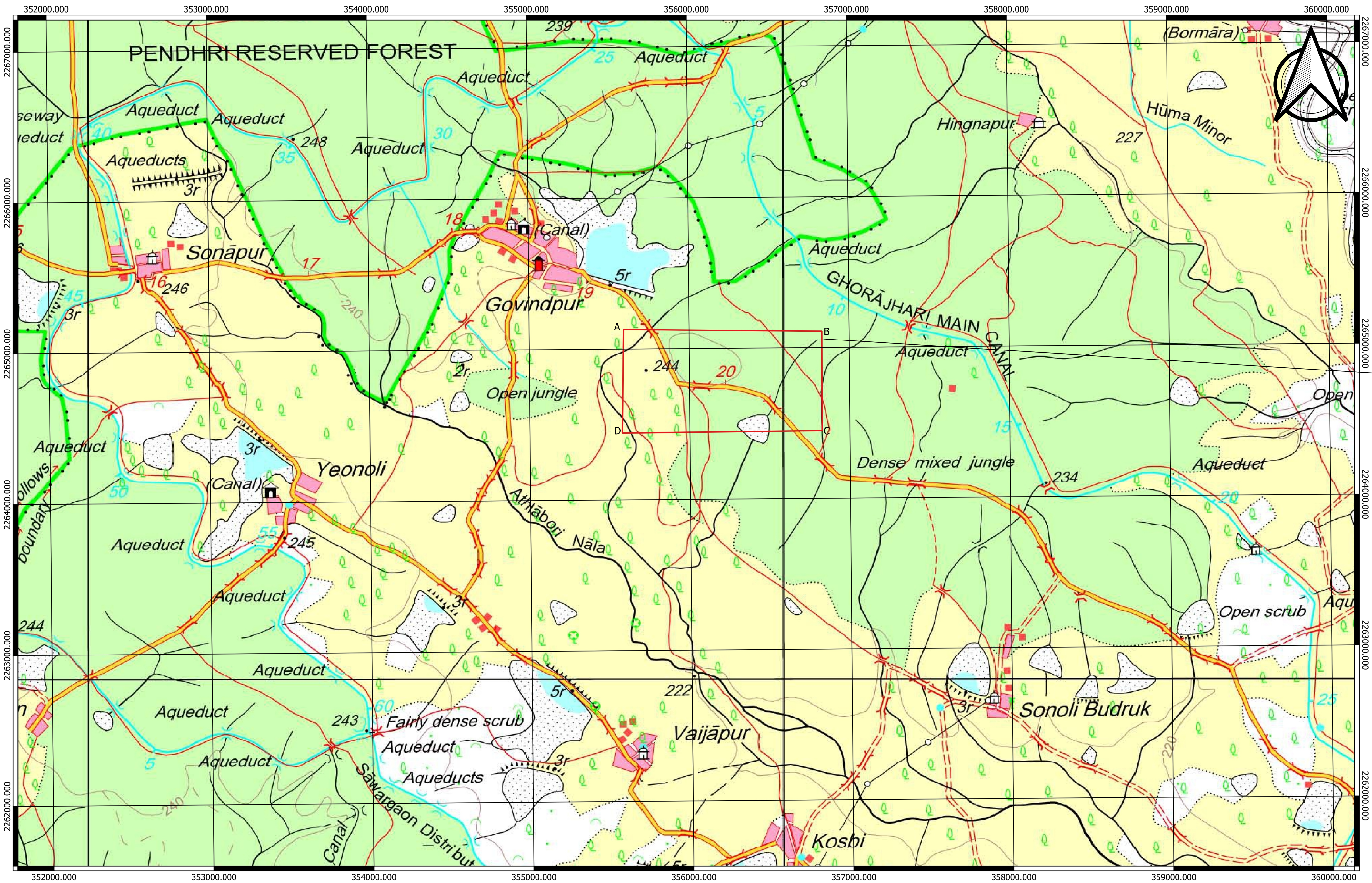
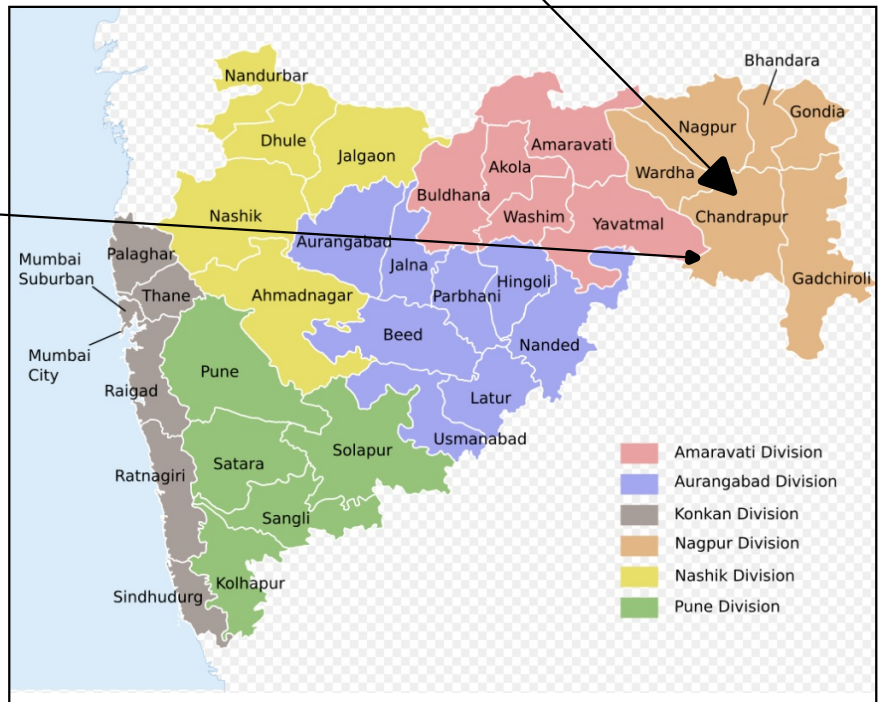
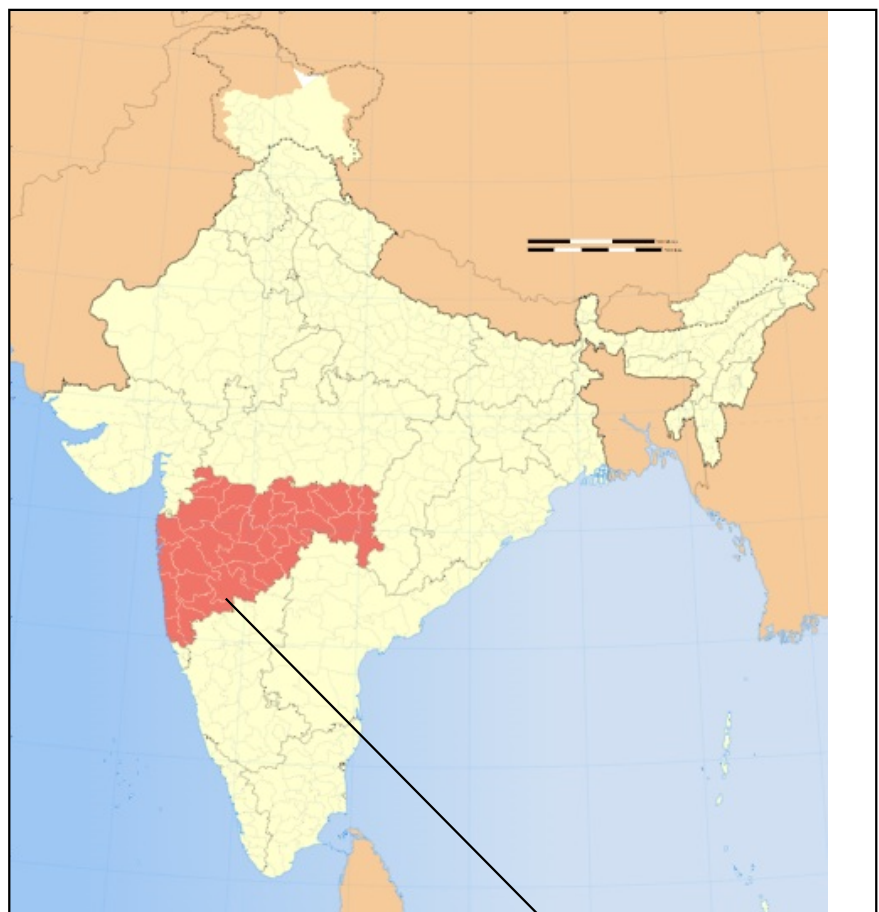
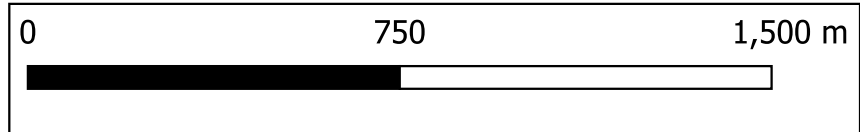


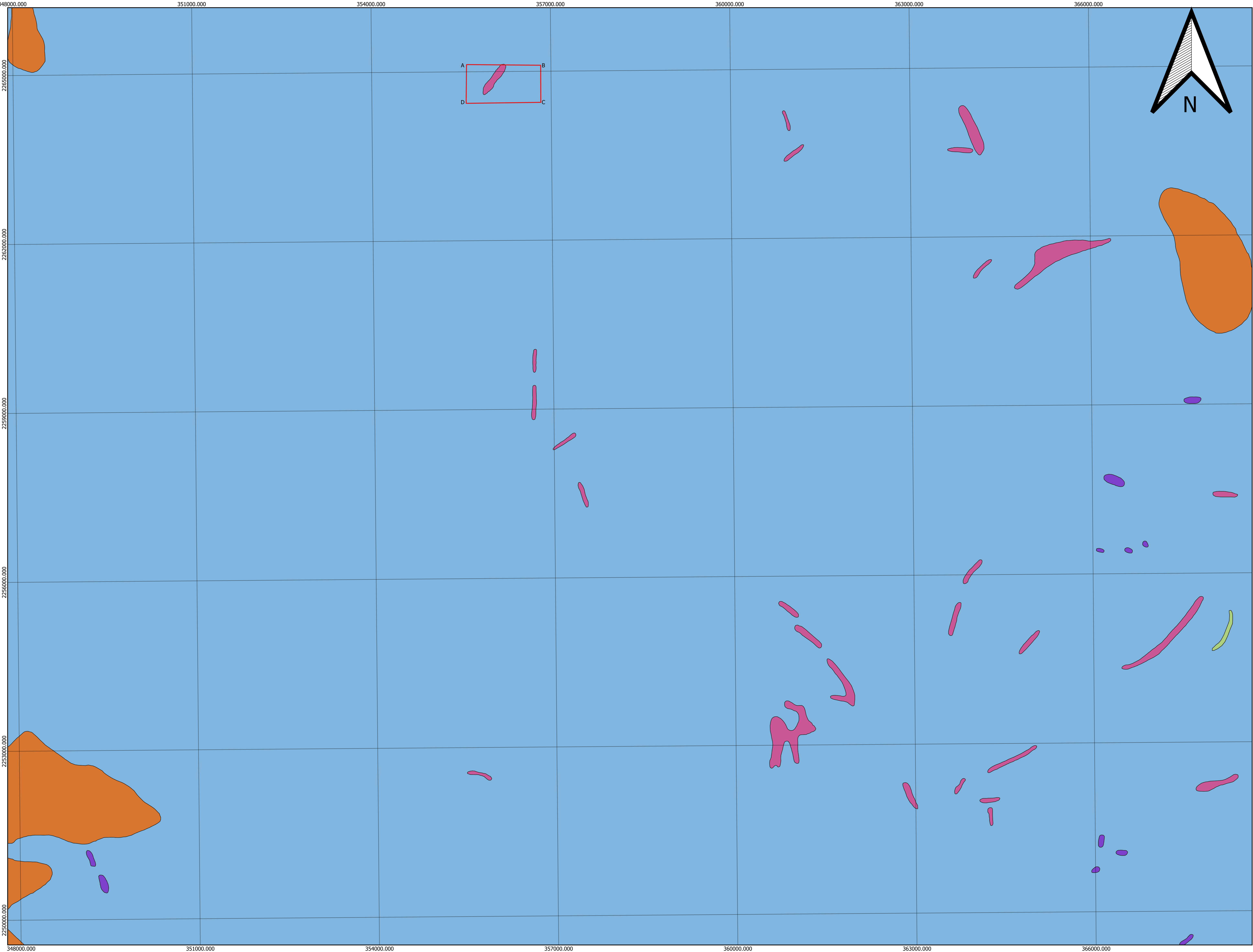


	KARTIKAY EXPLORATION AND MINING SERVICES PRIVATE LIMITED		
	LOCATION PLAN OF GOVINDPUR BLOCK		
	PRELIMINARY EXPLORATION (G3 STAGE) FOR COPPER AND ASSOCIATED MINERALISATION IN GOVINDPUR BLOCK		
DIST: CHANDRAPUR		STATE: MAHARASHTRA	
AREA: 0.83 SQ KM		TOPOSHEET NO: 55P/11	
R.F. - 50,000			
PROCESSED AT KEMSPL, EXPLORATION DIV, NAGPUR			
Prepared by: JADHAV DILEEP KUMAR (Manager Geology)		PLATE NO: I	01
Checked by: NITIN KOHAD (DGM Geology)			
Approved by: PRADEEP KULKARNI (G.M. Geology)			

Name	Easting(m)	Northing(m)	Latitude	Longitude	RL (m)
A	355589.94	2265129.30	20°28'45.36"N	79°36'55.19"E	233.28
B	356829.37	2265107.49	20°28'44.98"N	79°37'37.99"E	247.86
C	356826.45	2264448.86	20°28'23.55"N	79°37'38.07"E	242.52
D	355577.75	2264441.54	20°28'22.98"N	79°36'54.97"E	231.39



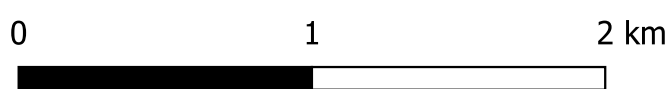
CONVENTIONAL SYMBOLS	
Express highway: with toll; with bridge; with distance stone	
Roads, metalled: according to importance	
Roads, double carriageway: according to importance	
Unmetalled road. Cart-track. Pack-track with pass. Foot-path	
Streams: with track in bed; undefined. Canal	
Dams: masonry or rock-filled; earthwork. Weir.	
River: dry with water channel; with island & rocks. Tidal river.	
Submerged rocks. Shoal. Swamp. Reeds.	
Wells: lined; unlined. Tube-well. Spring. Tanks: perennial; dry.	
Embankments: road or rail; tank. Broken ground.	
Railways, broad gauge: double; single with station; under constr.	
Railways, other gauges: double; single with distance stone; do.	
Mineral line or tramway. Kln. Cutting with tunnel.	
Contours with sub-features. Rocky slopes. Cliffs.	
Sand features: (1)flat, (2)sand-hills(permanent), (3)dunes(shifting).	
Towns or Villages: inhabited; deserted. Fort.	
Huts: permanent; temporary. Tower. Antiquities.	
Temple. Chhatra. Church. Mosque. Idgah. Tomb. Graves.	
Lighthouse. Lightship. Buoys: lighted; unlighted. Anchorage.	
Mine: Vine on trellis. Grass. Scrub.	
Palms: palmyra; other. Plantain. Conifer. Bamboo. Other trees.	
Areas: cultivated; wooded. Surveyed tree.	
Boundary, international.	
state: demarcated; undemarcated.	
district: subdivision; tahsil or taluk; forest.	
Boundary pillars: surveyed; unlocated.	
Heights, triangulated: station; point; approximate.	
Bench-mark: geodetic; tertiary; canal.	
Post office. Telegraph office. Overhead tank.	
Rest house or inspection bungalow. Circuit house. Police station.	
Camping ground. Forest: reserved; protected.	
Spaced names: administrative; locality or tribal.	
Hospital. Dispensary. Veterinary: Hospital / Dispensary.	
Aerodrome. Helipad. Tourist site.	
Power line: with pylons surveyed; with poles unsurveyed.	



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	GOVINDPUR BLOCK BOUNDARY
	LITHOLOGY
	GRANITE GNEISS/MIGMATITE
	LATERITE
	QUARTZITE
	SANDSTONE

Name	Easting(m)	Northing(m)	Latitude	Longitude	RL (m)
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D	355577.75	2264441.54	20°28'22.98"N	79°36'54.97"E	231.39



	KARTIKAY EXPLORATION AND MINING SERVICES PRIVATE LIMITED		
	REGIONAL GEOLOGICAL MAP SHOWING GOVINDPUR BLOCK (After GSI)		
	PRELIMINARY EXPLORATION (G3 STAGE) FOR COPPER AND ASSOCIATED MINERALISATION IN GOVINDPUR BLOCK		
DIST: CHANDRAPUR		STATE: MAHARASHTRA	
AREA: 0.83 SQ KM		TOPOSHEET NO: 55P/11	
SCALE: 1:25000			
PROCESSED AT KEMSPL, EXPLORATION DIV, NAGPUR			
Prepared by: DILEEP KUMAR J (Manager Geology)		PLATE- II	02
Checked by: NITIN KOHAD (DGM Geology)			
Approved by : PRADEEP KULKARNI (G.M. Geology)			

DETAILED GEOLOGICAL MAP OF GOVINDPUR AREA, CHANDRAPUR DISTRICT, MAHARASHTRA
(PART OF TOPOSHEET NO. 55P/11)

Scale 1: 2000

0 10 20 30 40 50 60 70 80 Meters

Source: GSI

Plate III

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Geological Index

- Quartz vein
- Quartz chlorite schist/ Silicified zone
- Granite gneiss

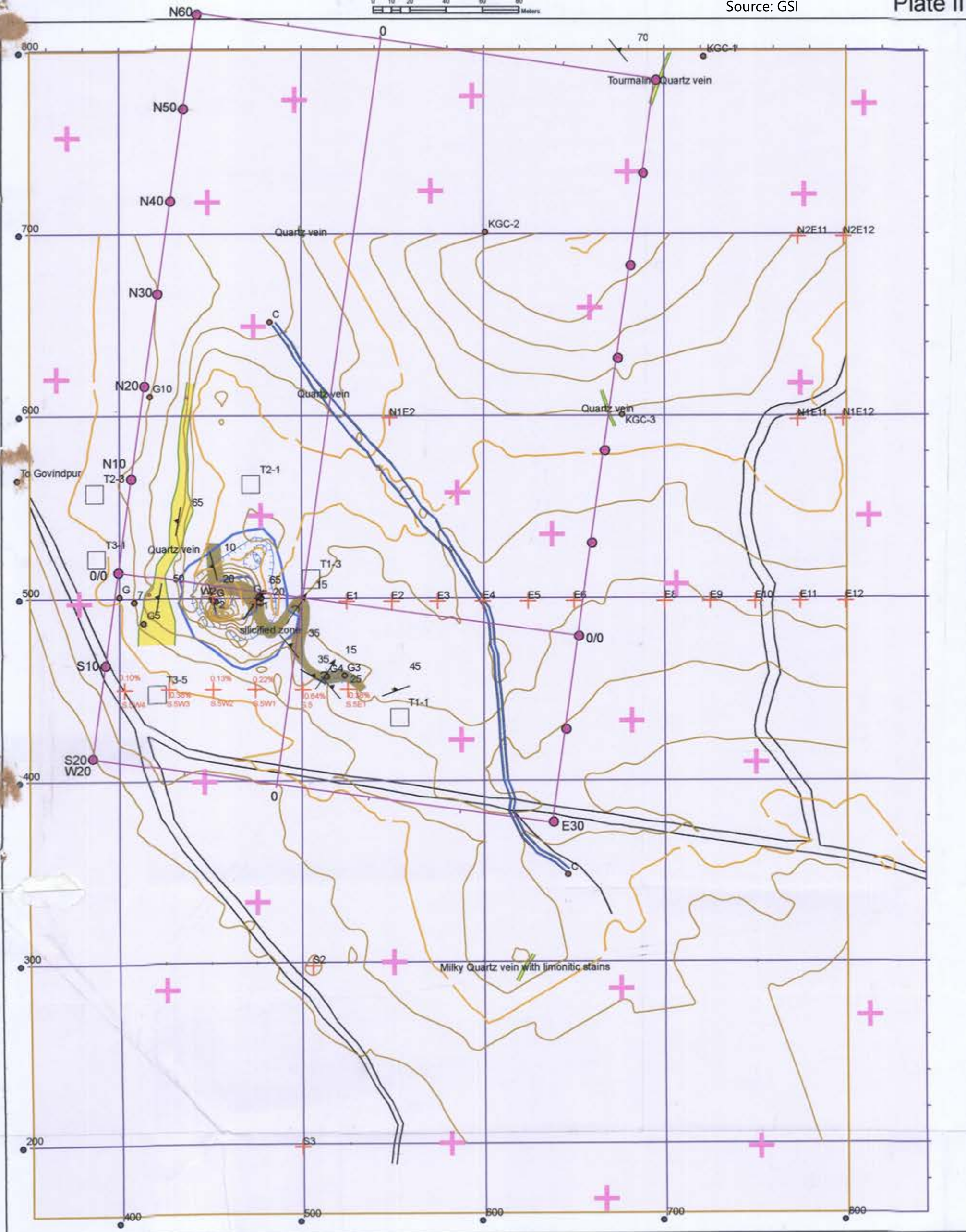
Structural Index

- Foliation
- Plunge of the fold
- BRS Locations (KGC-2, G3, G10)
- Soil sample Locations (E1-E12, W1, W2, S2)
- Pit/trench Locations (T2-1, T2-3)

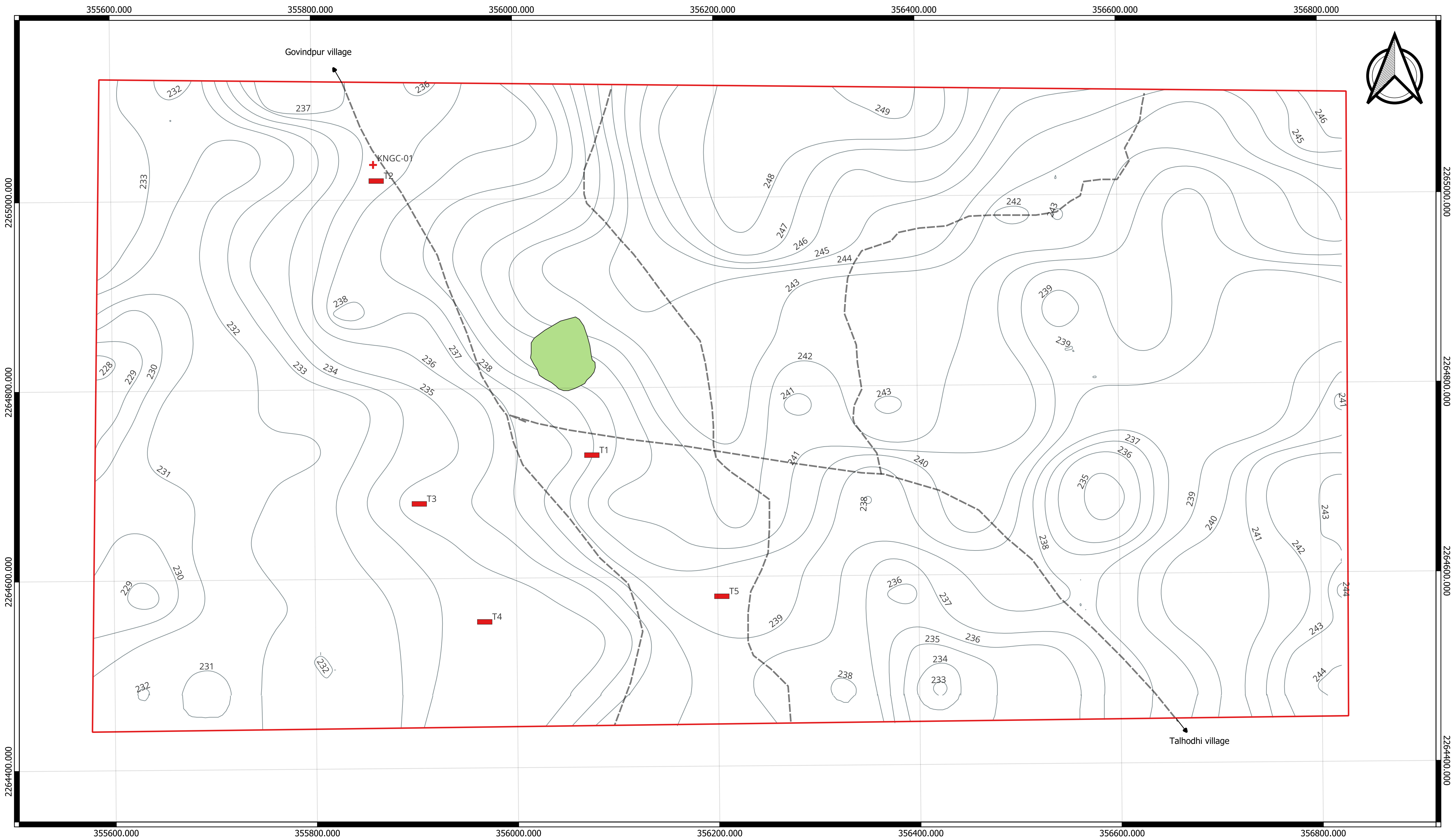
Topographical Index

- 1 m Contour
- Road
- Canal
- Old working pit
- Mine Dump

- Geophysical Layout



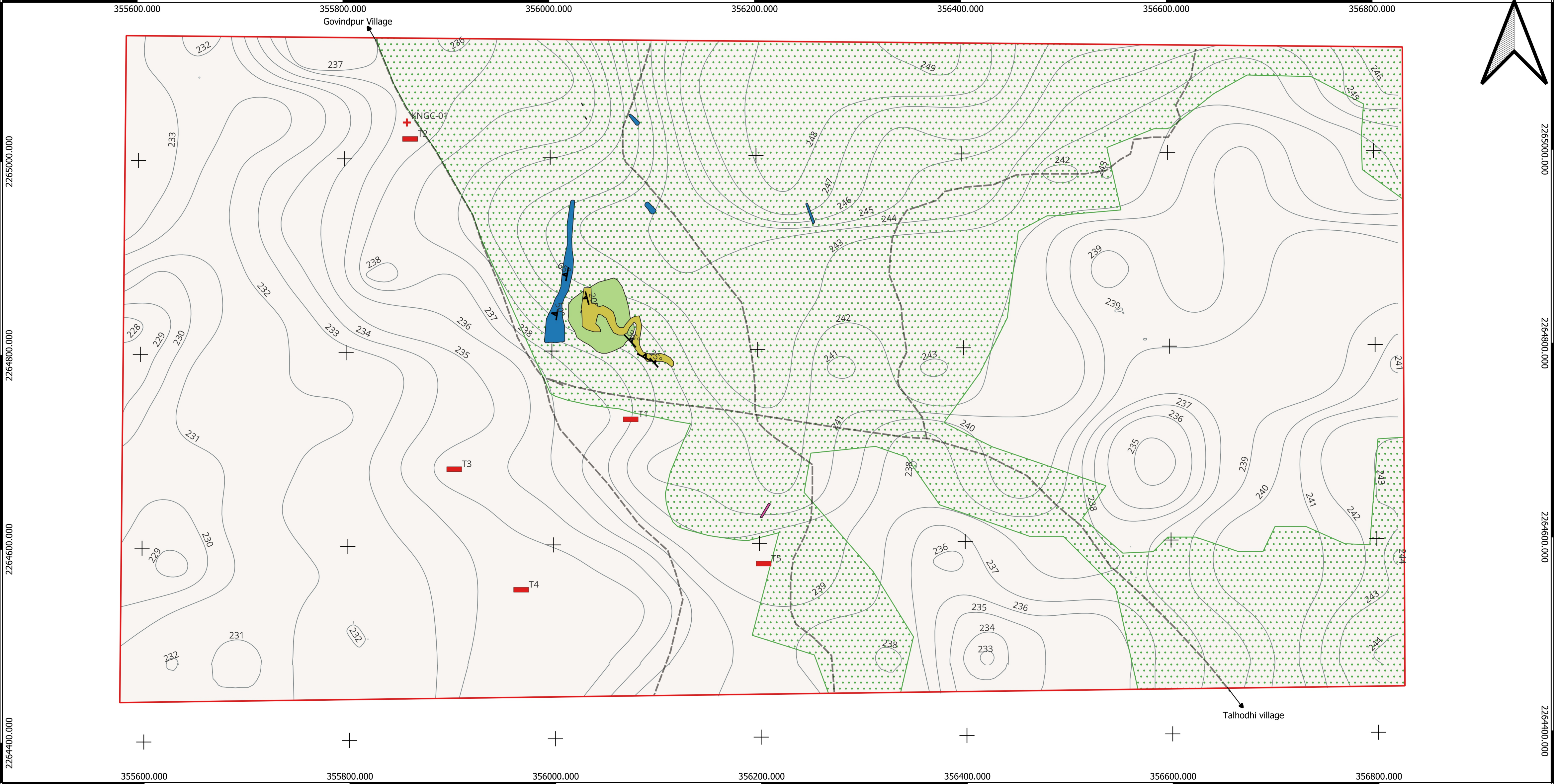
Mapped By
R. H. Chavhan
K. C. Mahapatra
FS 2008-09



Name	Easting (m)	Northing (m)	Latitude	Longitude	RL (m)
A	355589.94	2265129.30	20°28'45.36"N	79°36'55.19"E	233.2754
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C	356826.45	2264448.86	20°28'23.55"N	79°37'38.07"E	242.5238
D	355577.75	2264441.54	20°28'22.98"N	79°36'54.97"E	231.3931

Govindpur block boundary
Old working pit
Contour Lines
Borehole location (KNGC-01)
Trench locations
Road connectivity

 KARTIKAY	KARTIKAY EXPLORATION AND MINING SERVICES PRIVATE LIMITED		
	SURFACE TOPOGRAPHY MAP OF GOVINDPUR BLOCK		
	PRELIMINARY EXPLORATION (G3 STAGE) FOR COPPER AND ASSOCIATED MINERALISATION IN GOVINDPUR BLOCK		
DIST: CHANDRAPUR		STATE: MAHARASHTRA	
AREA: 0.83 SQ KM		TOPOSHEET NO: 55P/11	
SCALE: 1:2000			
PROCESSED AT KEMSPL, EXPLORATION DIV, NAGPUR			
Prepared by: DILEEP KUMAR J (Manager Geology)		PLATE NO. IV	04
Checked by: NITIN KOHAD (DGM Geology)			
Approved by : PRADEEP KULKARNI (G.M. Geology)			

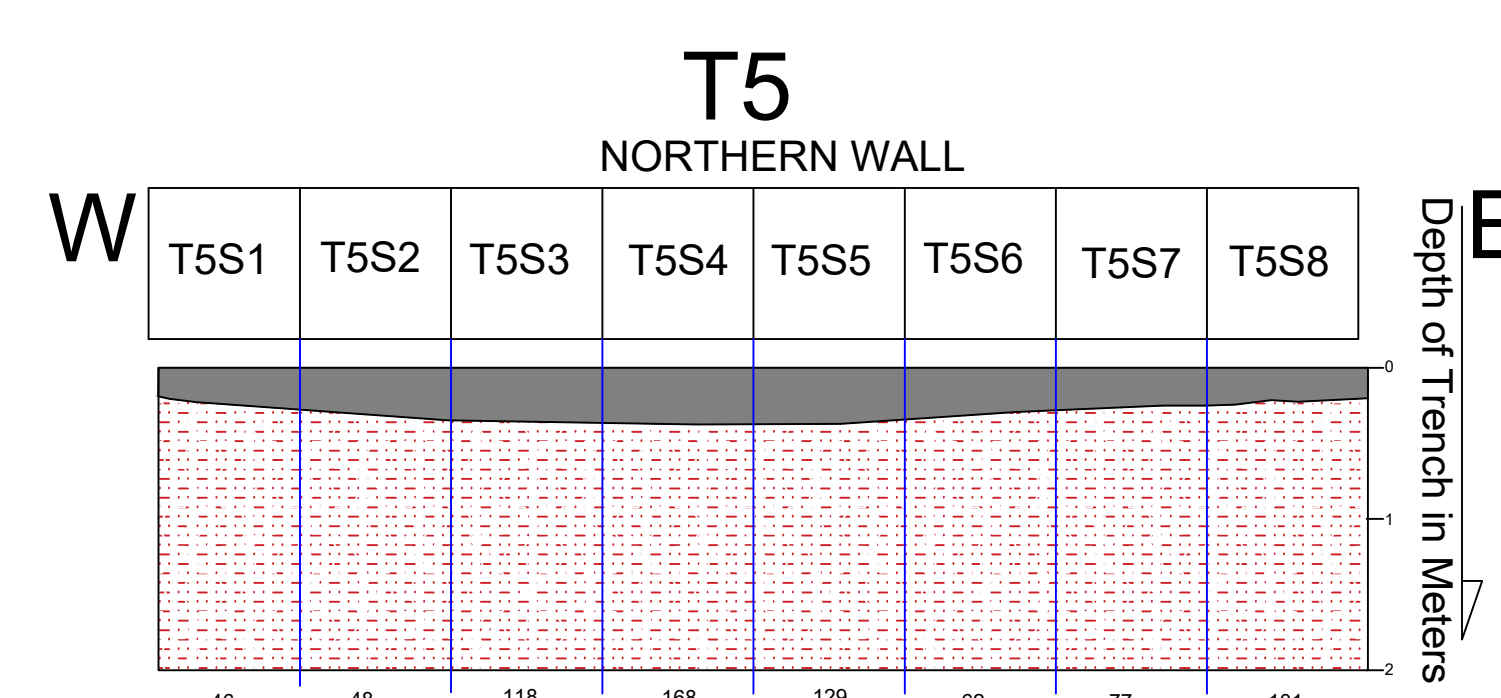
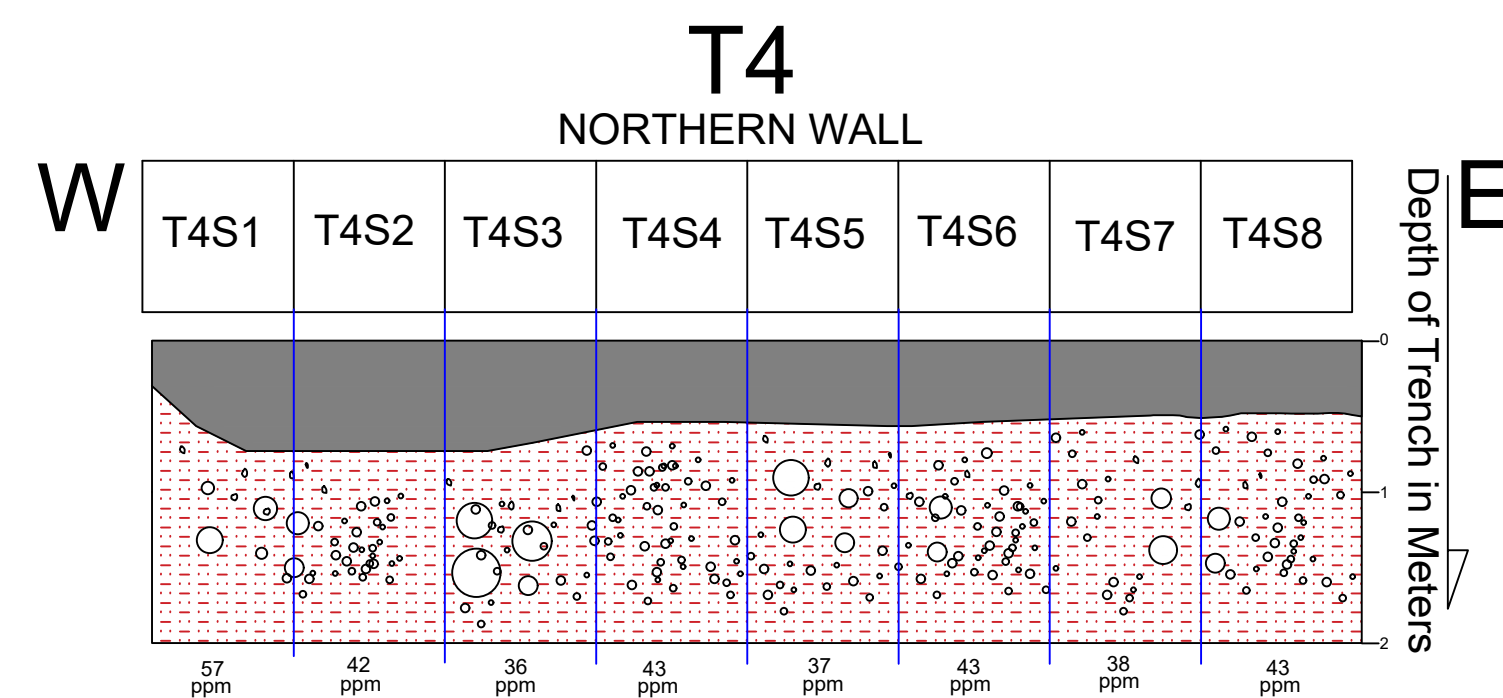
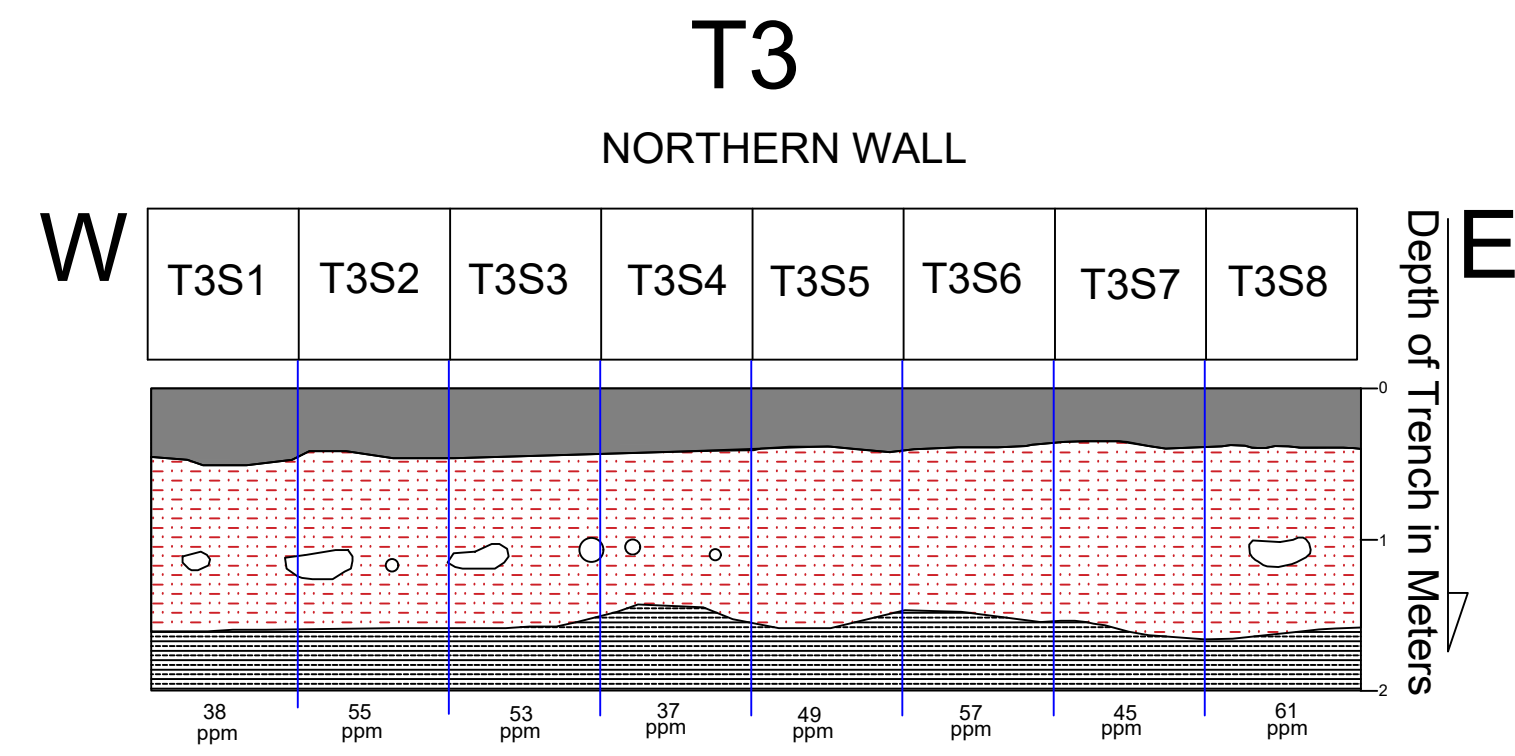
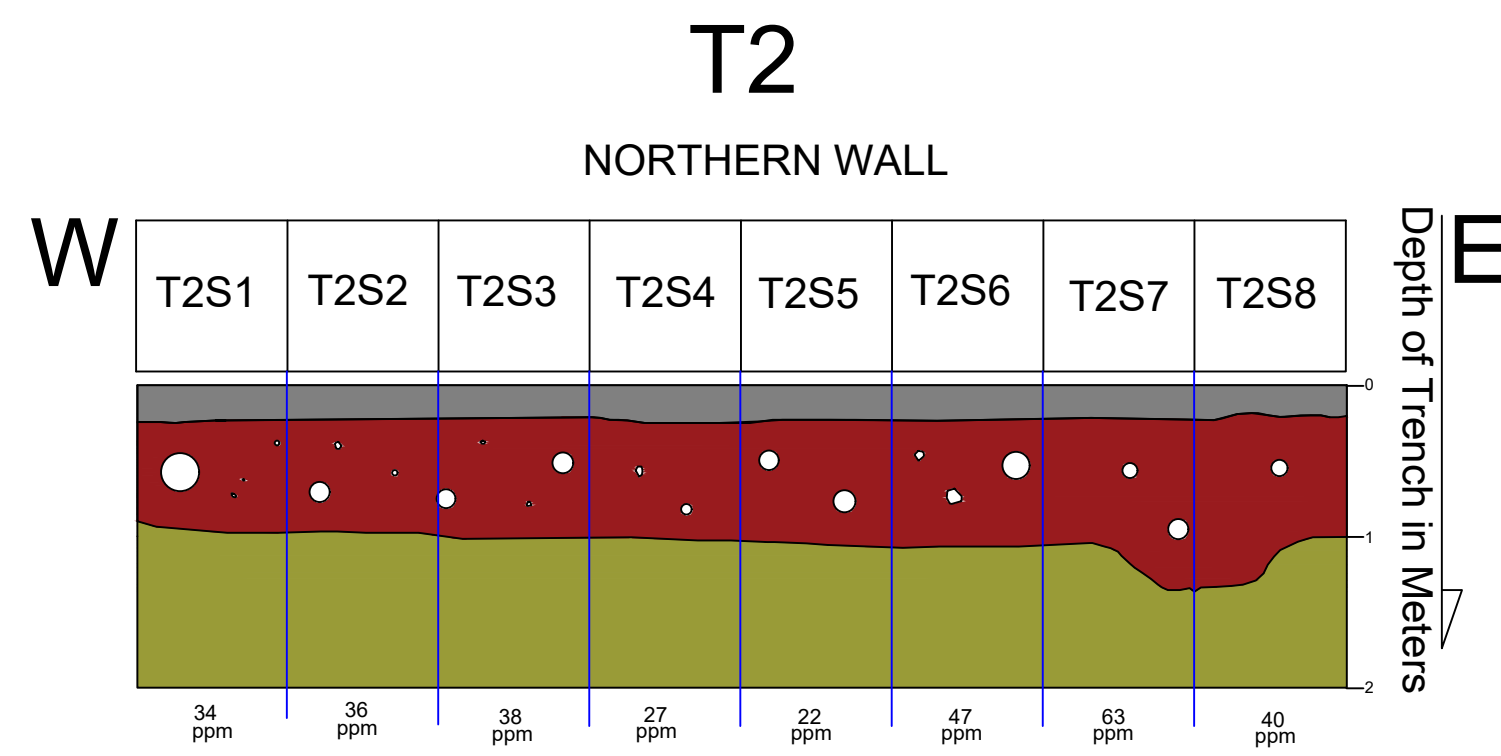
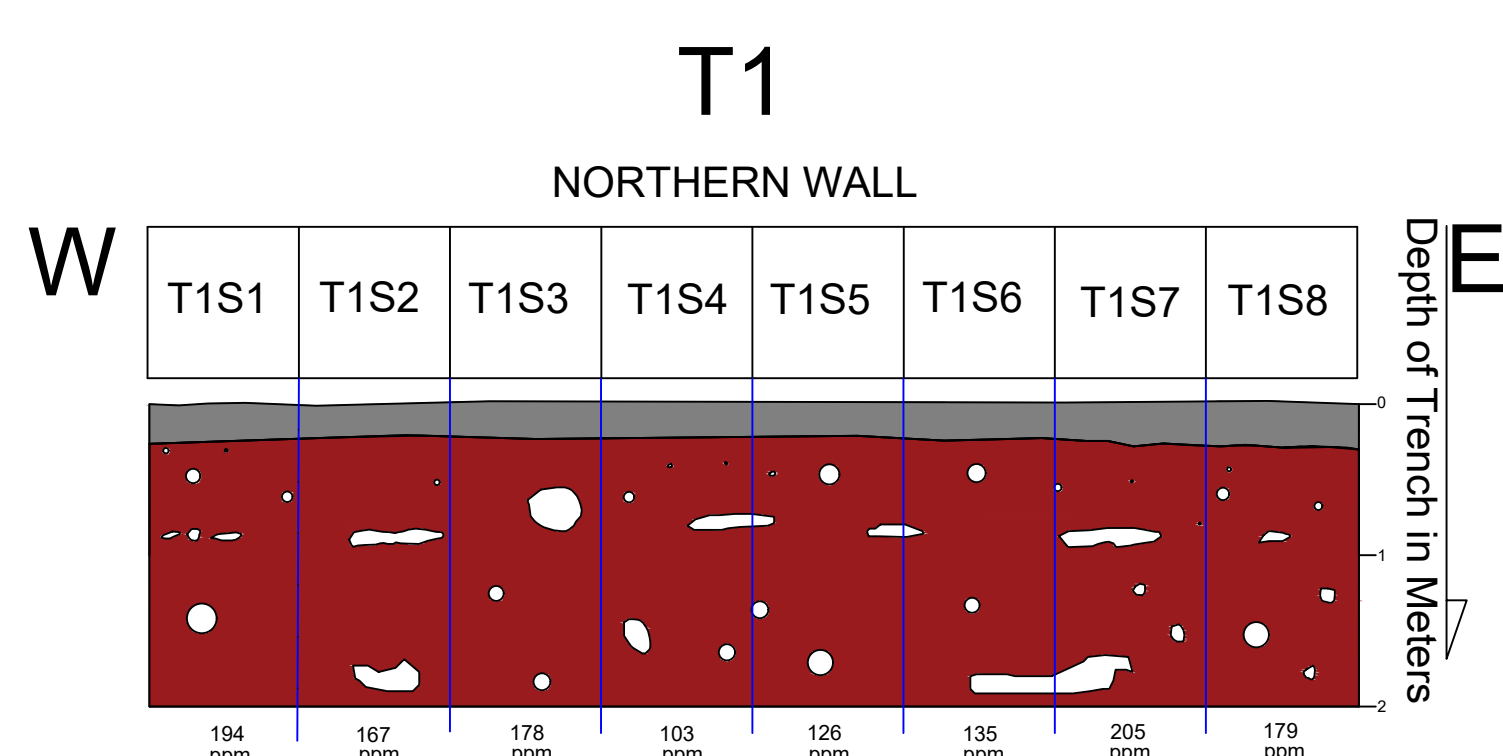


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- Govindpur block boundary
- Old Pit
- Forest cover
- Soil cover
- Contour lines
- Borehole location (KNGC-01)
- Dip & dip direction
- Trench locations
- Lithology
 - Milky quartz vein
 - Quartz Chlorite Schist/Silicified Zine
 - Quartz vein
 - Roads Connectivity

Name	Easting (m)	Northing (m)	Latitude	Longitude	RL (m)
A	355589.94	2265129.30	20°28'45.36"N	79°36'55.19"E	233.2754
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	KARTIKAY EXPLORATION AND MINING SERVICES PRIVATE LIMITED		
	SURFACE GEOLOGICAL MAP OF GOVINDPUR BLOCK		
	PRELIMINARY EXPLORATION (G3 STAGE) FOR COPPER AND ASSOCIATED MINERALISATION IN GOVINDPUR BLOCK		
DIST: CHANDRAPUR		STATE: MAHARASHTRA	
AREA: 0.83 SQ KM		TOPOSHEET NO: 55P/11	
SCALE: 1:2000			
PROCESSED AT KEMSPL, EXPLORATION DIV, NAGPUR			
Prepared by: DILEEP KUMAR J (Manager Geology)		PLATE NO. V	05
Checked by: NITIN KOHAD (DGM Geology)			
Approved by: PRADEEP KULKARNI (G.M. Geology)			



INDEX

- SOIL
- SANDY CLAY WITH QUARTZ PEBBLES
- CLAY MICACEOUS
- FERRUGINEOUS CLAY WITH QUARTZ GRITS
- LIMONITIC CLAY
- LATERITIC SOIL WITH QUARTZ GRITS
- CLAY MICACEOUS
- TRENCH SAMPLE NUMBER
- COPPER VALUES ENCOUNTERED

	KARTIKAY EXPLORATION AND MINING SERVICES PRIVATE LIMITED		
	TRENCH MAPPING OF THE GOVINDPUR BLOCK		
	PRELIMINARY EXPLORATION (G3 STAGE) FOR COPPER AND ASSOCIATED MINERALISATION IN GOVINDPUR BLOCK		
DIST: CHANDRAPUR		STATE: MAHARASHTRA	
AREA: 0.83 SQ KM		TOPOSHEET NO: 55P/11	
R.F: 1: 50			
PROCESSED AT KEMSPL, EXPLORATION DIV, NAGPUR			
Prepared by: DILEEP KUMAR J (Manager Geology)		PLATE NO. VI	06
Checked by: NITIN KOHAD (DGM Geology)			
Approved by : PRADEEP KULKARNI (G.M. Geology)			