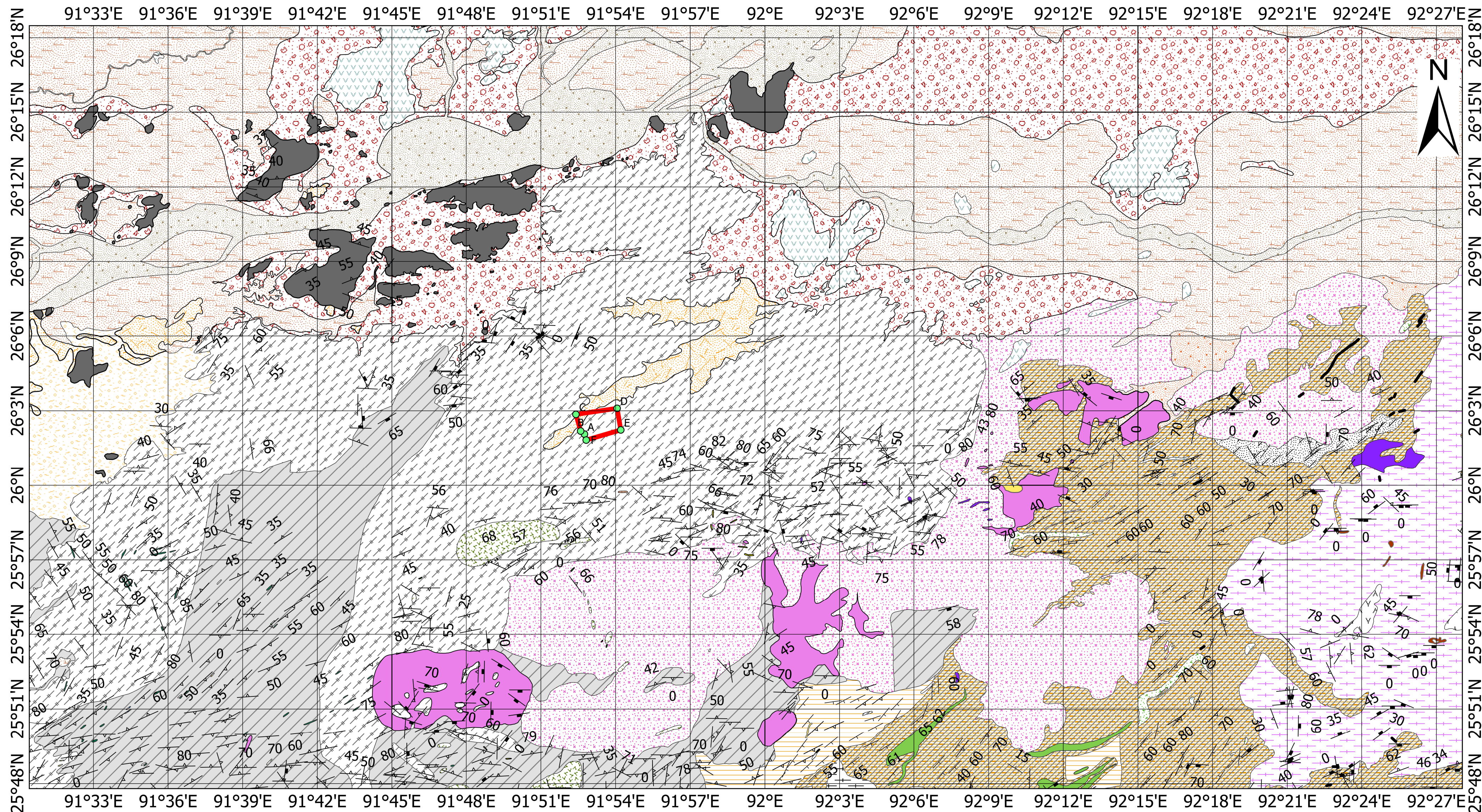
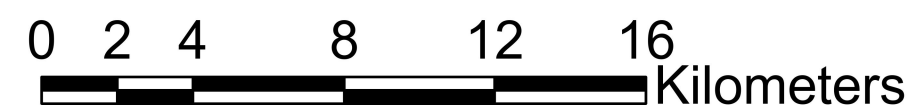




Legend		
Corner Points of Umprikhola Block	LAMPROPHYRE	MIGMATITE / BANDED GNEISS
Umprikhola Block Boundary	COARSE GRAINED PINK AND GREY GRANITE	QUARTZ MICA SCHIST
Dyke	QUARTZ VEIN/REEF	SILLIMANITE GNEISS
Structural Data		
BEDDING	SILLIMANITE BEARING QUARTZITE	PHYLLITE
CLEAVAGE/FOLIATION/SCHISTOSITY (S1)	PEGMATITE & QUARTZ VEIN	MIGMATITE AND GRANITE GNEISS
JOINT	GRANODIORITE-DIORITE	PINK AND GREY PORPHYRITIC GRANITE
Lithology		
FEEBLY OXIDIZED SAND, SILT AND CLAY	GREY AND PINK PORPHYRITIC GRANITE	POLYMICTIC CONGLOMERATE (INTRAFORMATIONAL)
UNOXIDISED SAND, SILT, CLAY	GREY TO PINK PORPHYRITIC GRANITE	PORPHYRITIC GRANITE AND PYROXENE GRANITOID
UNSTABILISED & UNOXIDISED SAND, SILT AND CLAY	CARBONACEOUS PHYLLITE	QUARTZITE WITH THIN PHYLLITE INTERBANDS
OXIDISED TO FEEBLY OXIDISED SAND SILT AND CLAY	CONGLOMERATE	QUARTZITE
HIGHLY OXIDZD DARK BROWN TO RD BROWN LOAMY SAND	DOLERITE	QUARTZ-SILLIMANITE SCHIST
WHITE TO GREYISH SAND, SILT, PEBBLE AND CLAY.	HORNBLende SCHIST	BANDED MAGNETITE QUARTZITE
	AMPHIBOLITE	BANDED MIGMATITE/GRANITOID QTZFELSPATHIC GNEISS
	UNCLASSIFIED GNEISS	MICA(BIOTITE)GNEISS

Scale: 1:200,000



MINERAL EXPLORATION AND CONSULTANCY LIMITED (Formerly Mineral Exploration Corporation Limited)	
REGIONAL GEOLOGICAL MAP (Source: NGDR Portal, GSI)	
UMPRIKHOLA BLOCK (G-3) FOR REE AND ASSOCIATED MINERALS (EXTENT- 4.80 sq km)	
DISTRICT- KAMRUP METRO	STATE: ASSAM
PARTS OF TOPOSHEET NO. - 78N/16	
MECL/EXPL./JUNE.-2026	PLATE- II
02	