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Scale 1:250,000

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Q	River gravel, sand, silt, clay and mud.	MAE TAENG		HOLOCENE PLEISTOCENE			
Q <sub>1</sub>	Terrace gravel, sand, silt, and clay.						
UNCONFORMITY							
T	Conglomerate, sandstone, white to light grey, moderately sorted; shale, light to dark grey with carbonaceous shale and lignite; limestone, light grey to white or pink.	MAE MO		PLIOCENE MIOCENE			
J <sub>4</sub>	Sandstone, siltstone, shale, fine grained, well-bedded, reddish-brown, cross-laminated.						
J <sub>3</sub>	Conglomerate, sandstone, fine to coarse grained; shale, reddish-brown to pinkish white, cross-bedded and ripple marked.	SAO KHUA	KHORAT	JURASSIC			
J <sub>2</sub>	Sandstone, fine grained, siltstone, shale, well-bedded, reddish-brown, fissile.						
UNCONFORMITY							
T <sub>3</sub>	Shale, olive-grey to dark grey, laminated and fissile with fossils of Nautilus sp., Chonetes sp. and Plesiosa sp.; sandstone, tuffaceous sandstone and conglomerate.	HONG HOI	LAMPANG	TRIASSIC			
T <sub>2</sub>	Limestone, massive to well-bedded, light grey to dark grey with interbedded calcareous shale.						
T <sub>1</sub>	Conglomerate, reddish-brown, with rhyolite and andesite pebbles; sandstone, tuffaceous sandstone, shale, grey to reddish-brown with calcareous shale and limestone lenses.						
UNCONFORMITY							
P <sub>3</sub>	Rhyolite, andesite, tuff and agglomerate.	PHU KRADUNG					
UNCONFORMITY							
P <sub>3</sub>	Shale, calcareous, carbonaceous, laminated to thick-bedded, with chert beds and intercalated sandstone and tuffaceous sandstone.	VOLCANIC		TRIASSIC PERMIAN			
P <sub>2</sub>	Limestone, light grey, massive to well-bedded with interbedded calcareous shale.						
P <sub>1</sub>	Conglomerate, sandstone, shale, tuffaceous sandstone, light grey to pinkish grey, tuff, agglomerate, rhyolite and andesite.	PHRA THAT					
OP	Undifferentiated sandstone, shale, chert, pebbly shale, tuff, light grey to dark grey, laminated to thick-bedded.	UNDIFFERENTIATED		PERMIAN CARBONIFEROUS			
O	Rhyolite, andesite, tuff, agglomerate, conglomerate, sandstone, shale, slate, chert beds, limestone, massive to well bedded, recrystallized, light grey to pinkish grey.						
UNCONFORMITY							
SD	Phyllite, quartzite, quartz-schist, schist, chlorite-schist (greenschist facies) with rhyolite tuff and andesite tuff.	DONCHAI		CARBONIFEROUS			
O	Limestone, light grey to dark grey laminated, recrystallized, with interbedded dark grey calcareous shale.						
EO	Quartzite, massive; quartz-schist; banded quartzite; light grey to dark grey.	TARUTAO		ORDOVICIAN CAMBRIAN			
UNCONFORMITY							
pSch	Marble, schist, mica-schist, with quartzite and calc-silicate.			PRECAMBRIAN			
pGn	Biotite-microcline gneiss.						
IGNEOUS ROCKS							
bs	Olivine and nepheline basalt.						
lg	Leucogranite; muscovite-gneiss.						
m	Rhyolite, tuff and agglomerate.						
g	Biotite-hornblende granite; porphyritic granite; pinkish granite; including quartz veins (qtz).						
an	Andesite.						
d	Diorite.						

## GEOLOGICAL SYMBOLS

	Anticline		Boundary
	Syncline		Strike and dip of foliation
	Fault		Strike and dip of bed

