

# Geology of the Darkhat Valley mapping region (Fig. SM3)

Map scale: 1:150,000  
Pseudo Mercator Grid  
World Geodetic System 1984 (WGS84)  
EPSG: 4326

## Stratigraphy

### Quaternary

Qal alluvium/cover

### Permian, Ordovician

POg undifferentiated intrusives

### Cambrian

Ccu undiff. Cambrian carbonates  
Ceu Upper Erkhelnuur Fm  
Cem Mid. Erkhelnuur Fm  
Cel Lower Erkhelnuur Fm  
Ck Kheseen Fm

### Cryogenian-Ediacaran

nPs Shar, Khirvisteg Fms

### Cryogenian

nPu undiff. Cryogenian carbonates  
nPbs Salkh. Mb, Bakh Fm.  
nPbb Bumbulug Mb, Bakh Fm.  
nPbk Khurts Mb, Bakh Fm.  
nPo Ongolog Fm.

### Tonian

nPa Arasan Fm.  
nPd Sarkhoi Fm.  
nPok Oka Prism seds.  
nPsu undiff. Tonian seds.

## Structure

—▲— thrust fault  
—+— syncline  
—|— anticline  
- - + - - inferred anticline  
- - - - - inferred contact

## Other

EA1918 measured section  
▲ EAGC1925 igneous geochron.  
sample locality  
— stream  
/// seasonal wetland

