GEOCHEMICAL CONTOUR MAPS SHOWING
THE DISTRIBUTION OF ELEMENTS
IN THE AREA AROUND KYRDEM,
EAST KHASI HILLS DISTRICT, MEGHALAYA
Fig. VI.3

VANADIUM

INDEX
- > 100 ppm
- - 51 - 100 ppm
- - 26 - 50 ppm
- - < 10 - 25 ppm

R GOPALAKRISHNAN
TIN BELTS OF GONDWANA

- Economic or marginal tin deposit
- Uneconomic occurrence of tin deposit
- Study area

RECONSTRUCTION OF GONDWANA AFTER SMITH AND HALLAM (1970)
DATA ON TIN OCCURRENCE AFTER SCHUILING (1983)
GEOLOGICAL MAP OF THE AREA AROUND KYRDEM, SHOWING PROPOSED AREAS FOR GRANITE EXPLOITATION

INDEX

- Fine grained granite
- Pink Porphyritic granite
- Grey Porphyritic granite
- Hornblende-biotite granite
- Granite gneiss
- Rocks of Shillong Group
- Litho-contact
- Quarry areas proposed

R.Gopalakrishnan
STRUCTURAL MAP OF THE AREA AROUND Kyrdem

Modified after Ramalingaswamy (1985)

- Follation
- Joint/fracture
- Lineament

R GOPALAKRISHNAN
DRAINAGE MAP
OF THE AREA AROUND KYRDEM

INDEX

- First order stream
- Second order stream
- Third order stream
- Fourth order stream
- Fifth order stream
- Sixth order stream
- Sample location

R. GOPALAKRISHNAN
BEDROCK ANOMALY MAP OF THE AREA AROUND KYRDEM

INDEX

- Copper
- Lead
- Lithium
- Lanthanum
- Tin
- Rubidium
- Nickel

R Gopalakrishnan
Fig. VI.17

STREAM SEDIMENT ANOMALY MAP OF THE AREA AROUND KYRDEM

INDEX

- YTTRIUM
- INDIUM
- SCANDIUM
- NEOBIUM
- GALLIUM
- TIN
- TUNGSTEN
- LANTHANUM
- ANTIMONY

R.GOPALAKRISHNAN
TOTAL INTENSITY AEROMAGNETIC MAP
OF THE AREA AROUND KYRDEM

CONTOUR INTERVAL
MAGNETIC FIELD
MAGNETIC LOW
REGION BOUNDARY

MAGNETIC BAND
MAGNETIC LINEAMENT
AREA RECOMMENDED

AFTER NGRI, 1980
Plate VI.1

a. Field photograph of gray porphyritic granite

b. Field photograph of pink porphyritic granite
Field photograph of fine grained granite