



LEGEND:

SOLID GEOLOGY

- sandstone
- siltstone
- mudstone
- tuffite
- Undifferentiated Volcanic Tuffs and Lavas with differentiated intercalated units
- Medium Grained Granite
- Feldsparphyric Rhyolite

SUPERFICIAL GEOLOGY (ONSHORE)

- Colluvium
- Alluvium

OFFSHORE GEOLOGY

- Bathymetric Contour (m below PD)
- Isopach of Hang Hau Formation
- Isopach of Total Superficial Deposits
- Acoustic Turbidity (Gas Blanking)

MISCELLANEOUS

- Outcrop of Moderately or Less Weathered Bedrock
- Recent Landslip Scar
- Photogeological Lineament
- Line of Cross Section
- Borehole Location and Number
- Trial Pit Location and Number
- Strike and Dip of Dominant Joint Set in Rock Outcrop

LEGEND FOR CONTOURPLOTS

| Symbol | Pole Concentration |
|-------------|--------------------|
| [Pattern 1] | 2% |
| [Pattern 2] | 4% |
| [Pattern 3] | 6% |
| [Pattern 4] | 8% |
| [Pattern 5] | 10% |

NOTES:

- The distribution of alluvium and colluvium shown on this map is based on terrain classification mapping carried out by Mr. K.A. Emery of the Soil Conservation Service of New South Wales, with minor modifications made by N.W. Woods from independent aerial photograph interpretation and field checking.
- The isopachs of superficial deposits offshore were provided by Mr. J.W.C. James of the Hong Kong Geological Survey.
- The solid geology shown on this map is reproduced from the draft 1:5 000 geology map for sheet 9-SE-B prepared by Dr. R.L. Langford of the Hong Kong Geological Survey.

| no. | date | description | initial |
|-----------------|------|--------------------|---------|
| REVISION | | | |
| | | name | date |
| surveyed | | | |
| designed | | N.W. Woods | 12/92 |
| drawn | | Julia Chu/Y.S. Tam | 12/92 |
| traced | | | |
| checked | | N.W. Woods | 12/92 |
| approved | | | |

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ENGINEERING GEOLOGY OF NORTH LANTAU TUNG CHUNG

drawing title

ENGINEERING GEOLOGY MAP SHEET 9-SE-B

drawing no. 3

scale 1:5 000

office

**ENGINEERING GEOLOGY SECTION
PLANNING DIVISION
GEOTECHNICAL ENGINEERING OFFICE**

CIVIL ENGINEERING DEPARTMENT HONG KONG

赤 鱗 角
CHEK LAP KOK

參閱本圖組之“赤鱗角”地圖
Refer to “CHEK LAP KOK”
sheet in the same series.

Contourplot of joints measured
on coastal and near-coastal
exposures from point A to point B
(86 selected joints measured)

Contourplot of joints measured
on coastal and near-coastal
exposures from point B to point C
(95 selected joints measured)

Contourplot of joints measured
on coastal and near-coastal
exposures from point C to point D
(87 selected joints measured)

大 嶼 山
TAI YUE SHAN (LANTAU ISLAND)

黃 龍 坑
Wong Lung Hang