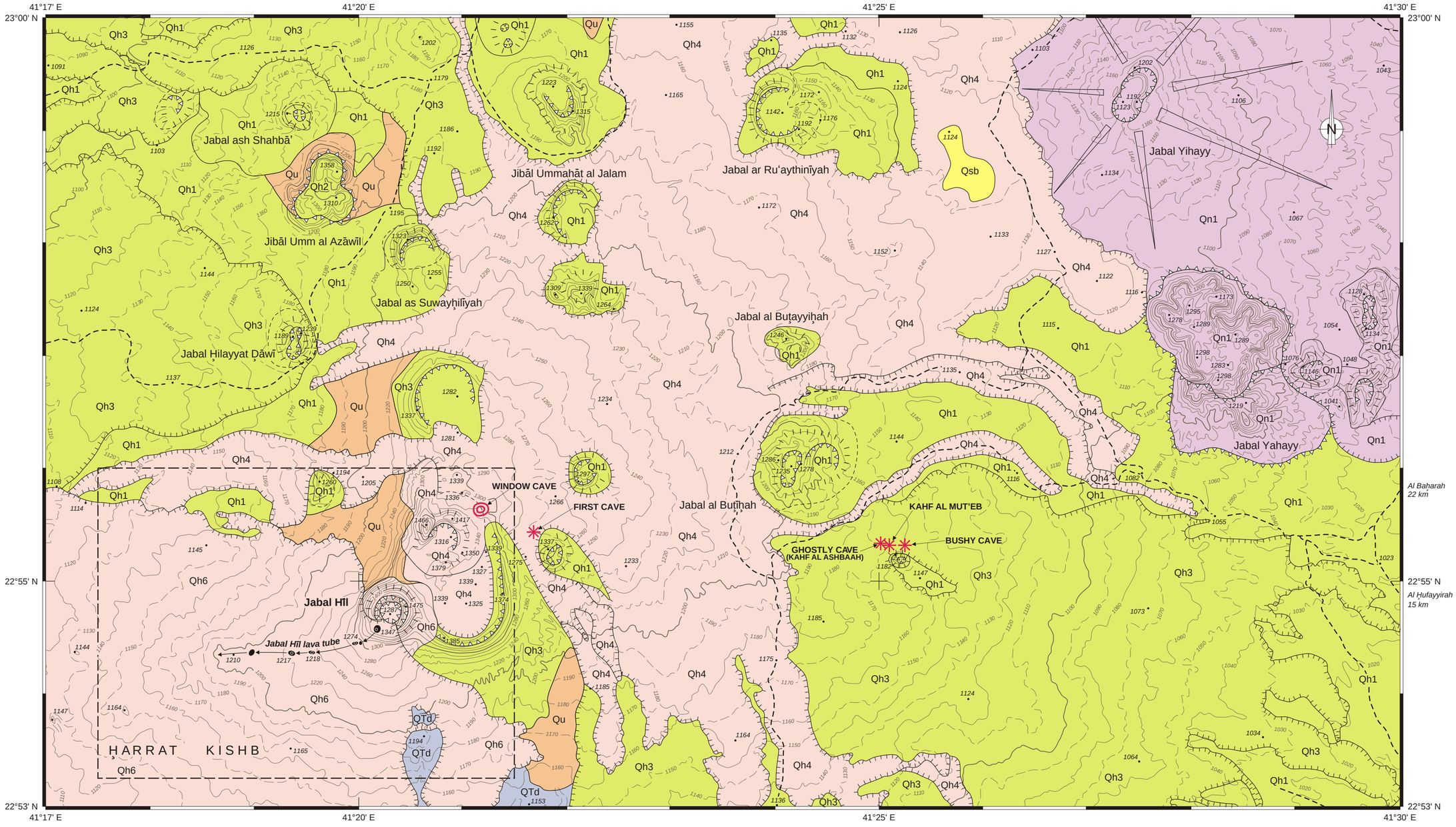

PLATE 2. GEOLOGY OF THE JABAL HĪL AREA OF CENTRAL HARRAT KISHB

(after Roobol and Camp, 1991b)

EXPLANATION

QUATERNARY

- Qu — Wadi alluvium
- Qsb — Khabra deposit (clay-silt)
- Qh6-Qh4 — Non-eroded basaltic volcanic deposits of the Upper Hil basalt
- Qh3-Qh1 — Eroded basaltic and phonolitic volcanic deposits of the Lower Hil basalt
- Disconformity approximately 1.0 Ma
- Qn1 — Basaltic to phonolitic volcanic deposits of Lower Nafrat basalt
- Disconformity approximately 1.3 Ma

QUATERNARY - TERTIARY

- QTd — Basaltic volcanic deposits of Diakah basalt
- Disconformity approximately 2.0 Ma

- Basaltic crater
- Phonolite dome
- Basaltic scoria cone with crater
- Eroded basaltic scoria cone, no surviving crater
- Basaltic shield volcano with crater
- Lava flow with distinct flow front, overlying another such flow
- Lava tube in Jabal Hīl basalt lavas
- Lava tube cave in older Hil basalt

- Small tuff agglomerate cave in lower Hil tuff cone
- Geologic boundary
- Contours in meters above sea level
- Spot height in meters
- Secondary track
- Area shown as plate 1

SCALE 1:50,000

0 0.5 1 1.5 2 km

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INDEX MAP