PLATE 1. GEOLOGIC MAP OF JABAL HĪL SCORIA CONE AND PROXIMAL LAVA FLOWS INCLUDING THE SURFACE EXPRESSION OF AN ARTERIAL LAVA TUBE
(numbered features 1 to 12)

41°18′ E | 41°19′ E | 41°20′ E | 41°21′ E
22°56′ N | 22°55′ N | 22°54′ N

هيئة المساحة الجيولوجية السعودية
SAUDI GEOLOGICAL SURVEY

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SCALE 1:10,000
0 50 100 150 200 250 300 350 400 450 500 m

EXPLANATION

- Carapace of congealed spatter
- Loose scoria and ash
- Aa basalt lava
- Pahoehoe basalt lava, showing flow direction
- Basaltic deposits older than Jabal Hīl
- Area of subsidence
- Updomed lava
- 3 Collapse crater into drained lava tube with structure number
- Crater
- Geologic boundary
- Edge of lava flow
- Aa basalt / Transition / Pahoehoe basalt
- 1200 / 1190 / 1180 Contours in meters above sea level
- 1287 Spot height in meters

JABAL HĪL
Rim of older maar crater
Rim of older maar crater

1466 1145 1475 1287 1 2 1347 1385 6 5 4 7 1274 3 1210 12 11 10 1217 9 1218 8 1164 1165 1194

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