PLATE 2

A A view of alkali granite around Goliya Bhaylan.
B Basalt flows associated with rhyolite.
C Xenolith of basalt in alkali granite.
D Trachyte flows associated with rhyolite.
E Xenolith of rhyolite in alkali granite.
F Sharp contact between alkali granite and rhyolite.
A Hypidiomorphic texture of the alkali granite: perthite, sutured quartz, arfvedsonite and aegirine; magnification x 18, XPL.

B Microperthite showing inclusions of aegirine in the alkali granite; magnification x 48, XPL.

C Inclusion of aegirine in quartz in alkali granite. It is bordered by arfvedsonite and aegirine; magnification x 18, XPL.

D Arfvedsonite zoned by aegirine with oxides in alkali granite; magnification x 18, PPL.

E The intergrowth of riebeckite and arfvedsonite in alkali granite; magnification x 18, PPL.

F Aenigmatite associated with arfvedsonite in alkali granite; magnification x 18, PPL.
PLATE 4

A Aligned alkali feldspars giving rise to trachytic texture in trachyte flows. Also shown is alkali feldspar with carlsbad twinning; magnification x 48, XPL.

B Sieved alkali feldspar in trachyte magnification x 48, XPL.

C Embayed and fractured quartz in trachyte magnification x 48, XPL.

D Micrographic intergrowth of quartz and alkali feldspar in trachyte giving rise to granophyric texture; magnification x 48, XPL.

E Arfvedsonite and aegirine in trachyte magnification x 48, PPL.

F Riebeckite needles in trachyte; magnification x 48, PPL.
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<th>Description</th>
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<td>A</td>
<td>Microcrystalline to cryptocrystalline texture in rhyolite; magnification x 48, XPL.</td>
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<td>B</td>
<td>Embayed high quartz in the quartzofeldspathic groundmass of rhyolite; magnification x 48, XPL.</td>
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<td>C</td>
<td>Quartz vein in the quartzofeldspathic groundmass of rhyolite; magnification x 48, XPL.</td>
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<td>D</td>
<td>Riebeckite needles in rhyolite; magnification x 48, XPL.</td>
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<td>E</td>
<td>Aegirine in rhyolite; magnification x 48, PPL.</td>
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<td>F</td>
<td>A fan-like arrangement of divergent fibres of plagioclase giving rise to variolitic texture in basalt. The space between the fibres is occupied by glass, oxides and granules of augite; magnification x 48, XPL.</td>
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<td>XPL</td>
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