SURFICIAL GEOLOGIC MAP OF THE KINGSTON QUADRANGLE,
ROCKINGHAM COUNTY, NEW HAMPSHIRE

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Prepared in cooperation with the
STATE OF NEW HAMPSHIRE
GEOLOGIC MAP SYMBOLS
COMMONLY USED ON MAPS OF THE UNITED STATES GEOLOGICAL SURVEY
(Special symbols are shown in explanation)

- - - - - Contact — Dashed where approximately located; short dashed where inferred; dotted where concealed

\[ \uparrow 45 \] Contact — Showing dip; well exposed at triangle

- - - - - Fault — Dashed where approximately located; short dashed where inferred; dotted where concealed

\[ \uparrow 20 \] Fault, showing dip — Ball and bar on downthrown side

- - - - - Normal fault — Hachured on downthrown side

- - - - - Fault — Showing relative horizontal movement

- - - - - Thrust fault — Sawteeth on upper plate

\[ \downarrow \uparrow \] Anticline — Showing direction of plunge; dashed where approximately located; dotted where concealed

\[ \downarrow \uparrow \] Asymmetric anticline — Short arrow indicates steeper limb

\[ \downarrow \uparrow \] Overturnd anticline — Showing direction of dip of limbs

\[ \downarrow \uparrow \] Syncline — Showing direction of plunge; dashed where approximately located; dotted where concealed

\[ \downarrow \uparrow \] Asymmetric syncline — Short arrow indicates steeper limb

\[ \downarrow \uparrow \] Overturnd syncline — Showing direction of dip of limbs

\[ \downarrow \uparrow \] Monocline — Showing direction of plunge of axis

\[ \downarrow \uparrow 20 \] Minor anticline — Showing plunge of axis

\[ \downarrow \uparrow 60 \] Minor syncline — Showing plunge of axis

\[ \downarrow 30 \] Strike and dip of beds — Ball indicates top of beds known from sedimentary structures

- Inclined \[ \downarrow \] Horizontal

- Inclined \[ \downarrow \] Vertical \[ \downarrow \] Horizontal

\[ \downarrow 30 \] Strike and dip of foliation

- Inclined \[ \downarrow \] Vertical \[ \downarrow \] Horizontal

\[ \downarrow 30 \] Strike and dip of cleavage

- Inclined \[ \downarrow \] Vertical \[ \downarrow \] Horizontal

\[ \downarrow 30 \] Bearing and plunge of lineation

- Inclined \[ \downarrow \] Vertical \[ \downarrow \] Horizontal

\[ \downarrow 30 \] Strike and dip of joints

Note: planar symbols (strike and dip of beds, foliation or schistosity, and cleavage) may be combined with linear symbols to record data observed at same locality by superimposed symbols at point of observation. Coexisting planar symbols are shown intersecting at point of observation.

Shafts
\[ \uparrow \] Vertical \[ \downarrow \] Inclined

Adit, tunnel, or slope
\[ \searrow \] Accessible \[ \nearrow \] Inaccessible

Prospect
\[ \times \] Active \[ \times \] Abandoned

Quarry
\[ \times \] Active \[ \times \] Abandoned

Gravel pit
\[ \times \] Active \[ \times \] Abandoned

Oil well
\[ \circ \] Drilling \[ \diamond \] Shut-in \[ \triangle \] Dry hole

Gas \[ \centesima \] Show of gas \[ \times \] Abandoned

Oil \[ \bullet \] Show of oil