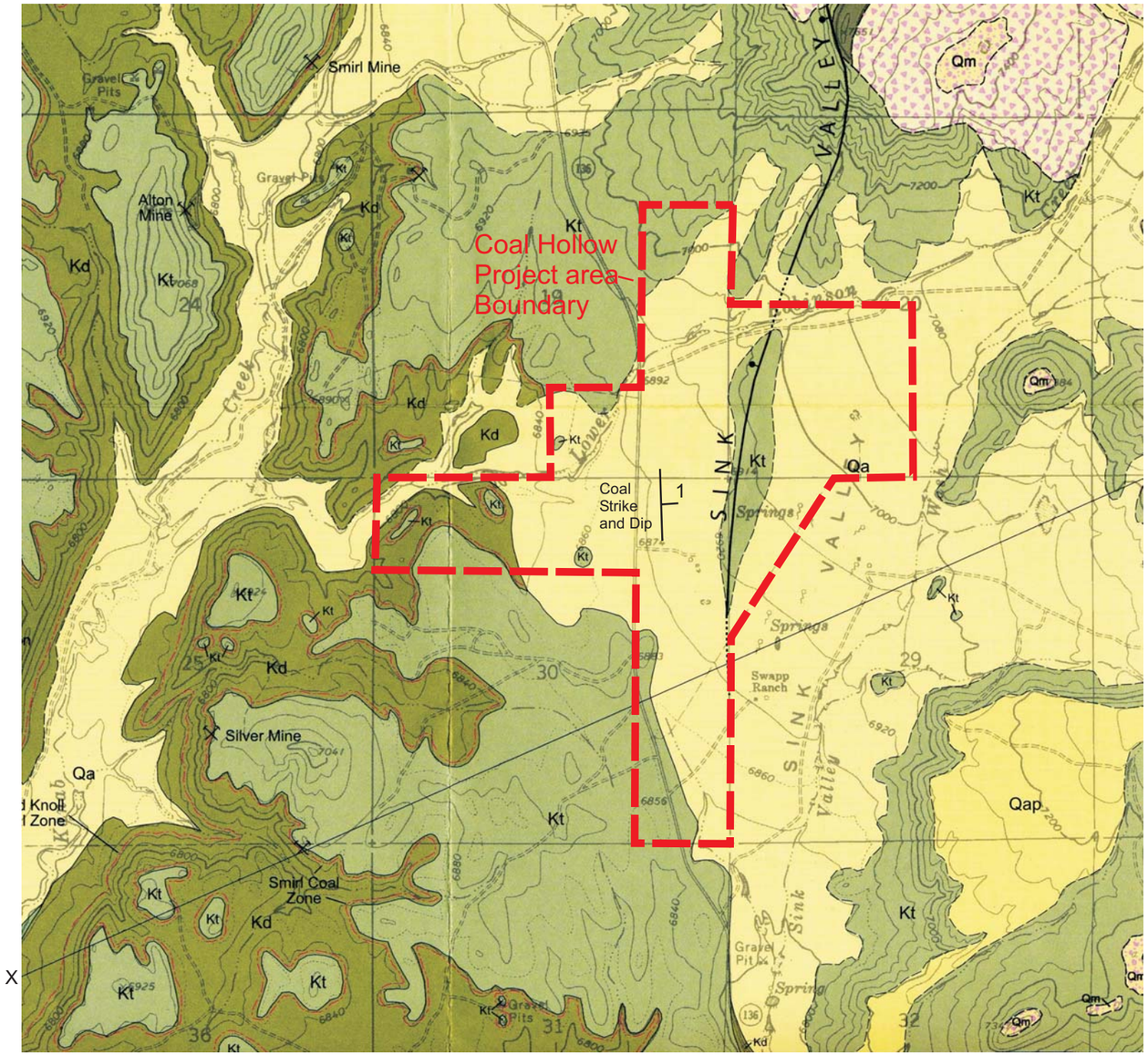
# APPENDIX 6-3

Geologic map of the Alton, Utah 7.5 minute quadrangle (Tilton, 2001)




| | |
|---|---|
| Qa | Alluvium |
| Qms | Landslide deposits |
| Qm | Mass-wasting debris |
| Qap | Pediment alluvium |
| Qb | Basalt |
| Tbh | Brian Head Formation |
| Tcw | White member of Claron Formation |
| Tcp | Pink member of Claron Formation |
| Kwk | Wahweap and Kaiparowits Formations (undivided) |
| Ksd | Drip Tank Member of the Straight Cliffs Formation |
| Ksj | John Henry Member of the Straight Cliffs Formation |
| Kss | Smoky Hollow Member of the Straight Cliffs Formation |
| Kst | Tibbet Canyon Member of the Straight Cliffs Formation |
| Kt | Tropic Shale |
| Kd | Dakota Formation |
| Jcw | Winsor Member of the Carmel Formation |

**Map Symbols**

- Contact - *dashed where approximately located*
- Normal Fault - *dashed where approximately located or inferred; dotted where concealed; ball and bar on down-thrown side; X marks the point of reversal of offset on scissor(?) faults; arrows on cross section show offset*
- Strike and dip of bedding
- Strike of vertical joint
- Horizontal joint
- A——A' Line of cross section
- Coal zone - approximately located
- Coal mine or prospect
- Approximate line of measured section (appendix)

2,000 feet

N

Drawing 6-9 - Location map and legend (after Tilton, 2001).