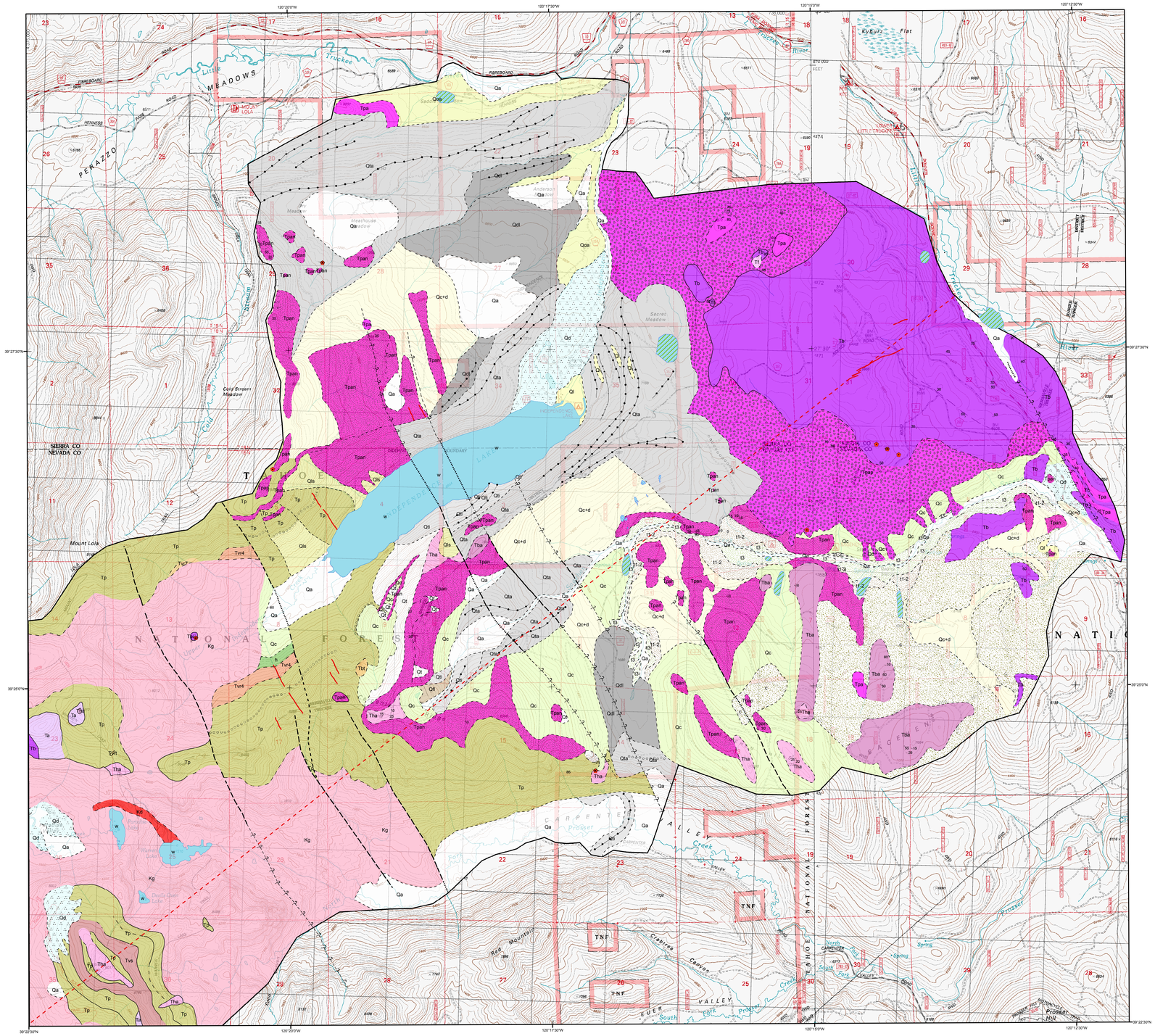


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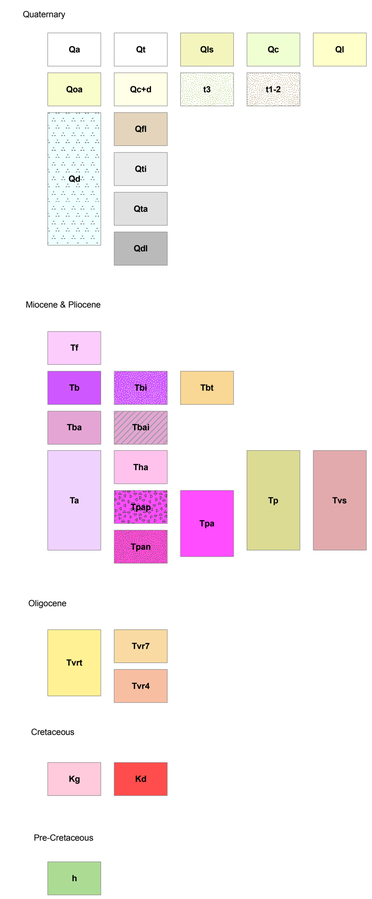
1:24,000

## List of Map Units

| | |
|---|---|
| Qa | Recent alluvium |
| Qoa | Older alluvium |
| t3 | Younger terrace |
| t1-2 | Lower terraces |
| Qc | Colluvium |
| Qd | Glacial drift |
| Qc+d | Colluvium and glacial drift, undivided |
| Ql | Lacustrine deposits |
| Qls | Landslide |
| Qt | Talus |
| Qfl | Glacial drift, Frog Lake |
| Qti | Glacial drift, Tioga |
| Qta | Glacial drift, Tahoe |
| Qdl | Glacial drift, Donner Lake |
| Tf | Felsite |
| Tb | Basalt flows |
| Tbi | Basalt intrusions, plugs, dikes |
| Tbt | Basaltic tephra |
| Tba | Basaltic andesite flows |
| Tbai | Basalt andesite intrusion |
| Tp | Pyroclastic deposits, undivided |
| Tvs | Stratified volcaniclastic deposits |
| Tpap | Pyroxene andesite flows, porphyritic |
| Tpa | Pyroxene andesite flows, undivided |
| Tpan | Pyroxene andesite, nonporphyritic |
| Tha | Hornblende andesite flows |
| Ta | Andesite undivided |
| Tvrt | Rhyolite tuff undivided |
| Tvr7 | Nine Hill Tuff |
| Tvr4 | Tuff of Campbell Creek |
| Kg | Hornblende-biotite granodiorite |
| Kd | Hornblende-biotite granodiorite dike |
| h | Quartz-biotite hornfels |
| w | Water |
| c | Covered |

## Correlation of Map Units




## Other Symbols

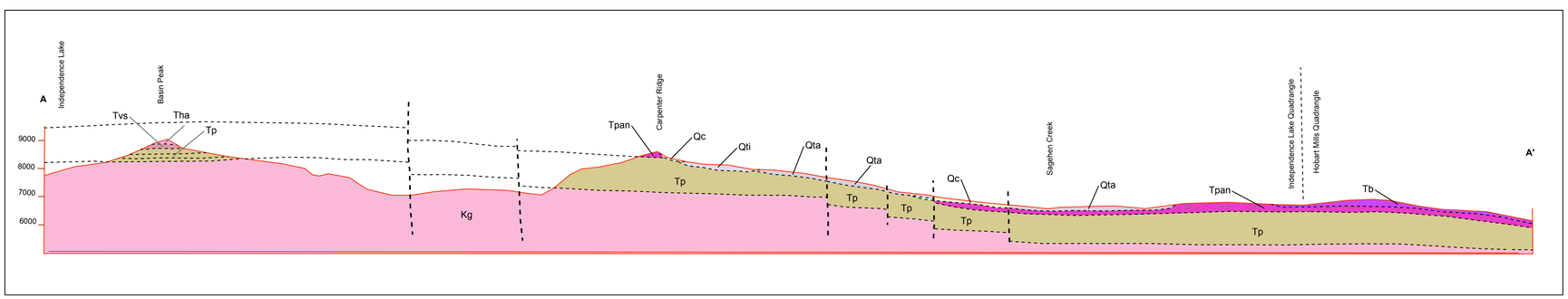
- Fen (TNF 2006)
- Fen (Unit3)
- Boundary
- Contact
- Fault
- Granitic erratics
- Rock body
- Moraine crest line

## Stations

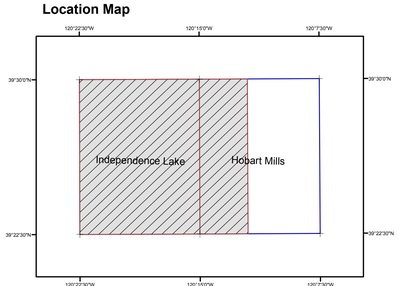
- Inclined bedding
- Horizonal cleavage
- Inclined cleavage
- Vertical cleavage
- Inclined foliation
- Volcanic vent

0 0.5 1 2 3 4 Kilometers

N




**Location Map**




# Preliminary Geologic Map of Sagehen Creek Basin, Independence Lake and Hobart Mills Quadrangles Nevada and Sierra Counties, California

A.G. Sylvester, G.L. Raines, and students

2007

Map courtesy of
Nevada Bureau of Mines and Geology

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