

Geologic Map for the Town of Los Gatos General Plan Update

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Drawn By: ALBWJA

Scale: 1" = 1000'

PLATE #

1

JOB #: 98044-SCL

EXPLANATION

Town of Los Gatos Sphere of Influence Boundary

REFERENCES

1. Hobbins, R.J., Chen, J.C., Smith, E.C., and Miller, L.J., 1981. Geologic Map and Structure of the Los Gatos 7.5 Quadrangle, Santa Cruz and San Jose Counties, California. U.S. Geological Survey Open-File Report 81-100, Sheet 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.
2. Hobbins, R.J., et al., 1984. Geologic Map of the Los Gatos 7.5 Quadrangle, Santa Cruz and San Jose Counties, California. U.S. Geological Survey Open-File Report 84-100, Sheet 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

EXPLANATION

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|---|---|
| Qfl MODERN FLUVIAL DEPOSITS (HOLOCENE) - Poorly to well-sorted sandy silt, silty sand, and sand or sandy gravel with minor cobbles. | Tmm MONTEREY SHALE (MIDDLE MIocene) - Mudstone, siltstone, and clayey sandstone. |
| Qls LANDSLIDE DEPOSITS (HOLOCENE AND PLISTOCENE) - Unconsolidated rock debris, cobbles, and silty sandstone or silt, composed of gravelly, silty sandstone, and clayey silt. | Tmt TERNOSAN SANDSTONE (OLIGOCENE TO MIDDLE MIocene) - Mudstone to siltstone, composed of silty sandstone, siltstone, and clayey silt. |
| Qal UNDIFFERENTIATED ALLUVIAL (HOLOCENE AND LATE PLISTOCENE) - Unconsolidated gravel, sand, and silt deposited by streams. | Tmv DOLICITE, full breccia, and breccia nodules. |
| Qt YOUNGEST FLUVIAL TERRACE DEPOSITS (HOLOCENE) - Unconsolidated to well-sorted, silty sand, siltstone, and clayey silt. | Jos BERRINGERIA - Unconsolidated partially to highly permeable silty sandstone, and clayey silt. |
| Qf YOUNGEST ALLUVIAL FAN DEPOSITS (HOLOCENE) - Poorly sorted, dense, sandy or gravelly clay. | sc SILTSTONE, massive, heavy, calcareous. |
| Qto OLDER FLUVIAL TERRACE DEPOSITS (HOLOCENE) - Unconsolidated to well-sorted, silty sand, siltstone, and clayey silt. | flp LITHOLOGY. |
| Qfo OLDER ALLUVIAL FAN DEPOSITS (HOLOCENE) - Dense, gravelly and clayey sand or clayey gravel. | fcp Chert. |
| QTsc SANTA CLARA FORMATION (PLIOCENE AND PLISTOCENE) - Unconsolidated to poorly sorted coarse sand, gravel, and conglomerate. | fvp Basalt. |
| | fsm Magma. |
| | fcm Basalt. |
| | fvm Basalt. |
| | fsm Magma. |
- Contact, dashed where approximate, dotted where concealed
- U D Fault, dashed where approximate, dotted where concealed, dashed where uncertain. U and D denote up and down-thrown blocks.
- Thrust fault, barbs on upper plate
- Synclinal axis
- Landslide headscarp
- Landslide mass, arrows indicate direction of movement.
- SHANNON FAULT ZONE
- BERRINGERIA FAULT ZONE
- LIME KILN FAULT ZONE
- 0 1000' SCALE FEET

This map accompanies the report
"Geotechnical and Seismic Safety Element Working Paper,
Town of Los Gatos General Plan Update"
by Nolan Associates, dated January 13, 1999
Please refer to the report before making use of this map.

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