



EXPLANATION

- |   |   |                   |             |
|---|---|-------------------|-------------|
| Pleistocene   | Qal   | Alluvium          | QUATERNARY  |
|   | Consists of relatively well-sorted silt, sand, gravel, and cobbles. Yields more than 500 gal/min of water to wells locally. Yields of less than 100 gal/min are common                                |                   |             |
|   | Qlb   | Lakebed deposits  |             |
| Consists of clay, silt, and fine sand. Locally, gravel is found at the top. Yields little or no water to wells              |   |                   |             |
| Qg  | Glacial deposits  |                   |             |
| Consists of an admixture of boulders, gravel, sand, silt, and clay. Yields generally less than 30 gal/min of water to wells |   |                   |             |
| Precambrian   | pCr   | Precambrian rocks | PRECAMBRIAN |
|   | Consists of argillite, shale, sandstone, gravel and quartzite. Small amounts of water are available to wells from open fractures. No wells are known to tap the Precambrian rocks in the project area |                   |             |
| --- Contact   |   |                   |             |
| - - - Dashed where approximate  |   |                   |             |
| U   |   |                   |             |
| D Fault   |   |                   |             |
| U, upthrown side; D, downthrown side  |   |                   |             |
| * - * - * Igneous sill  |   |                   |             |

BASE FROM U.S. GEOLOGICAL SURVEY LIBBY, 1963; LITTLE HOODOO MOUNTAIN, 1963; AND SWEDDE MOUNTAIN, 1963

CONTOUR INTERVAL, 40 FEET  
DOTTED LINES INDICATE 20 FOOT CONTOURS  
DOTTED IN FEET ON SEA LEVEL

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GEOHYDROLOGIC MAP OF THE LIBBY AREA, MONTANA