

EXPLANATION

Lineaments shown here represent straight photolinear features that are likely to be the result of underlying zones of vertical or high-angle bedrock fractures and are not obviously related to other geologic or cultural features. Lineaments shown have been confirmed by two independent observers for each scale of imagery. U.S. Geological Survey Open-File Report 96-479 (Clark and others, 1986) describes the criteria and methods used to identify the lineaments shown in this map. Every effort was made to apply these criteria and assumptions in a uniform manner during a thorough examination of the mapped areas.

— Lineament observed by the use of low-altitude aerial photography having an approximate scale of 1:20,000. Location ±80 feet. See table 1 for photograph identification numbers.

..... Lineament observed by the use of high-altitude aerial photography having an approximate scale of 1:80,000. Location ±50 feet. See table 2 for photograph identification numbers.

..... Lineament observed by the use of side-looking airborne radar mosaic (for region, Portsmouth, Maine, N.H.; U.S. Geological Survey, 1:250,000 scale. Location ±200 feet.

..... Lineament observed by the use of 1:1,000,000-scale Landsat imagery, band 7, image number 09470-107, obtained December 7, 1988. Location ±150 feet.

Note: Additional lineaments that extend into the plate area will likely be identified as work progresses on adjacent map areas. These additions near the plate boundaries will be indicated on future interpretive maps and Geographic Information Systems (GIS) coverage.

REFERENCES CITED

Clark, S.F., Jr., Ferguson, E.W., Picard, M.Z., and Moore, R.B., 1996, Lineament map of area 2 of the New Hampshire bedrock aquifer assessment, south-central New Hampshire: U.S. Geological Survey Open-File Report 96-490, scale 1:48,000.

Clark, S.F., Jr., Moore, R.B., Ferguson, E.W., and Picard, M.Z., 1996, Criteria and methods for fracture-trace analysis of the New Hampshire bedrock aquifer: U.S. Geological Survey Open-File Report 96-479, 12 p.

Ferguson, E.W., Clark, S.F., Jr., and Moore, R.B., 1996, Lineament map of area 1 of the New Hampshire bedrock aquifer assessment, southeastern New Hampshire: U.S. Geological Survey Open-File Report 96-485, scale 1:48,000.

Ferguson, E.W., Clark, S.F., Jr., Picard, M.Z., and Moore, R.B., 1997a, Lineament map of area 3 of the New Hampshire bedrock aquifer assessment, eastern New Hampshire: U.S. Geological Survey Open-File Report 97-762, scale 1:48,000.

1997b, Lineament map of area 5 of the New Hampshire bedrock aquifer assessment, southwestern New Hampshire: U.S. Geological Survey Open-File Report 97-761, scale 1:48,000.

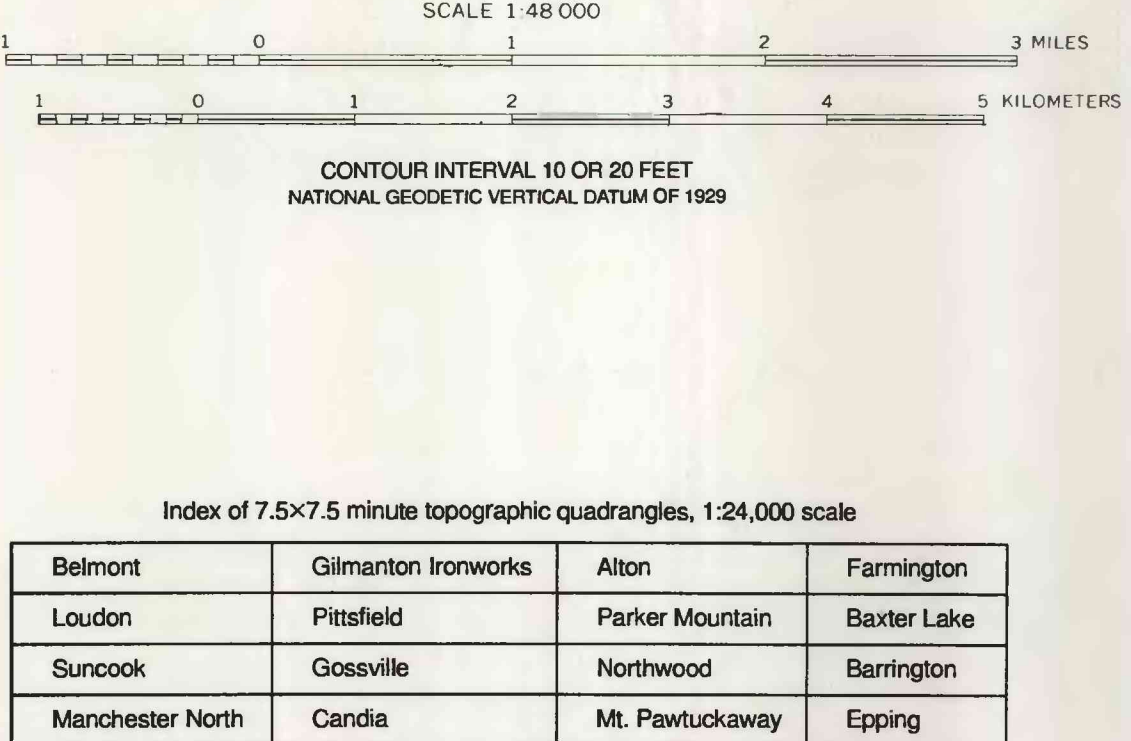


Table 1. Identification numbers of low-altitude photographs from the National Aerial Photography Program (NAPP) indexed to the topographic quadrangles			
Belmont, Loudon, Suncook, and Manchester North quadrangles	Gilmanton Ironworks, Pittsfield, Gosville, and Candia quadrangles	Alton, Parker Mountain, Northwood, and Mt. Pawtuckaway quadrangles	Farmington, Barker Lake, Bertrams, and Epping quadrangles
4500-022 4500-023 4500-024 4500-025 4500-026 4500-027 4500-028 4500-029 4500-030 4500-031 4500-032 4500-033 4500-034 4500-035 4500-036 4500-037 4500-038 4500-039 4500-040 4500-041 4500-042 4500-043 4500-044 4500-045 4500-046 4500-047 4500-048 4500-049 4500-050 4500-051 4500-052 4500-053 4500-054 4500-055 4500-056 4500-057 4500-058 4500-059 4500-060 4500-061 4500-062 4500-063 4500-064 4500-065 4500-066 4500-067 4500-068 4500-069 4500-070 4500-071 4500-072 4500-073 4500-074 4500-075 4500-076 4500-077 4500-078 4500-079 4500-080 4500-081 4500-082 4500-083 4500-084 4500-085 4500-086 4500-087 4500-088 4500-089 4500-090 4500-091 4500-092 4500-093 4500-094 4500-095 4500-096 4500-097 4500-098 4500-099 4500-100 4500-101 4500-102 4500-103 4500-104 4500-105 4500-106 4500-107 4500-108 4500-109 4500-110 4500-111 4500-112 4500-113 4500-114 4500-115 4500-116 4500-117 4500-118 4500-119 4500-120 4500-121 4500-122 4500-123 4500-124 4500-125 4500-126 4500-127 4500-128 4500-129 4500-130 4500-131 4500-132 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