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LEGEND

Survey flown and compiled November 1979 by  
Quaternary Surveys, Mississauga, Ontario, Canada

ISOMAGNETIC INTERVAL

(TOTAL FIELD)

10 GAMMA CONTOUR LINE

50 GAMMA CONTOUR LINE

500 GAMMA CONTOUR LINE

MAGNETIC DEPRESSION

FLIGHT ALTITUDE 400' ABOVE TERRAIN

Flight path and line number-10199

MAGNETOMETER USED: Sonotek PMH 500 Proton  
Precession Magnetometer  
MAGNETIC SAMPLING RATE: one second  
MAGNETIC SENSITIVITY: 1 gamma  
REGIONAL FIELD: 55,000  
CONTOUR INTERVAL: 10 gamma  
GRID INTERVAL: 1/8" (250 feet)

LOCATION AND MAGNITUDE OF CORRECTED TOTAL INTENSITY  
MAGNETOMETER VALUE BEFORE REMOVAL OF IGRF:

| X      | Y      | LINE  | FIDUCIAL | RAW MAG. |
|--------|--------|-------|----------|----------|
| 10,84" | 23,75" | 10080 | 258.0    | 51,722   |

IGRF removed by 1975 standard

Total Field Aeromagnetic Map of the Long Valley Geothermal Resource Area, California

by The  
U. S. Geological Survey  
1981

Scale 1:24000

