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Total Field Aeromagnetic Map of the Long Valley Geothermal Resource Area, California
by The
U. S. Geological Survey
1981

Survey flown and compiled for bases 1975 by
 Quebec, Saginaw, 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 DATE AND LINE NUMBER 10-10-75

MAGNETOMETER USED: Spectra PMH 5000 Piston
 Magnetometer

MAGNETIC SAMPLING RATE: one second

MAGNETIC SENSITIVITY: 1 gamma

REGIONAL VALUE: 55,000

CONToured INTERVAL: 10 gamma

STRIP INTERVAL: 1/8" (320 feet)

LOCATION AND MAGNITUDE OF CORRECTED TOTAL INTENSITY
 MAGNETOMETER VALUE BEFORE REMOVAL OF LOG

X	Y	LINE	FLUGGAL	RAW MAG.
18.28"	20.75"	10000	258.0	51/22

LOG corrected by 1975 standard.

LOCATION AND MAGNITUDE OF CORRECTED TOTAL INTENSITY MAGNETOMETER VALUE BEFORE REMOVAL OF IGRF				
<u>X</u>	<u>Y</u>	<u>LINE</u>	<u>FIDUCIAL</u>	<u>RAW MAG.</u>
18.34°	20.73°	10090	258.0	51,722
IGRF removed by 1975 standard

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