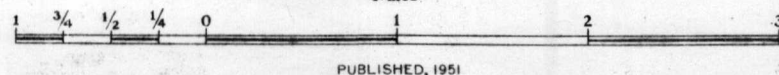


MAP 25G

REDWATER  
WEST OF FOURTH MERIDIAN  
ALBERTA

Scale: One Inch to One Mile = 1/63,360  
Miles



PUBLISHED, 1951

DIAGRAM OF TOWNSHIP  
SHOWING NUMBERING OF SECTIONS

31	32	33	34	35	36
30	29	28	27	26	25
19	20	21	22	23	24
18	17	16	15	14	13
7	8	9	10	11	12
6	5	4	3	2	1

Isomagnetic lines (total field):

- 500 gammas
  - 100 gammas
  - 25 gammas
  - 5 gammas
- Magnetic depression contour  
Flight altitude: 1000 feet above ground level

No correction has been made for regional variation; this increases at the rate of 3 gammas per mile from west to east and 2.5 gammas per mile from south to north.

The magnetic data on this map were compiled from information recorded on flights made east and west along section lines and on control flights made north and south along township lines. The magnetic anomalies are caused by variations in the basement rocks. These variations may be either in the altitude of the basement or in the composition of the rocks making up the basement. Strong anomalies are probably due to an increased magnetite content in the rocks, but small anomalies may be due to either of the above causes.

Magnetic Survey, October, 1950 by Geophysics Division, Geological Survey of Canada, Department of Mines and Technical Surveys.

