

GEOLOGICAL SURVEY OF CANADA OPEN FILE 8966 SASKATCHEWAN GEOLOGICAL SURVEY GEOPHYSICAL MAP GP 2023-1 ELECTROMAGNETIC SURVEY OF THE EASTERN WOLLASTON AREA SASKATCHEWAN Parts of NTS 64-E/5, 6, 11 and 12

RESIDUAL TOTAL MAGNETIC FIELD

© His Majesty the King in Right of Canada, as represented by the Minister of Natural Resources, 2023 Base map at the scale of 1:50 000 from Natural Resources Canada, with modifications

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GEOLOGICAL SURVEY OF CANADA COMMISSION GÉOLOGIQUE DU CANADA 2023	Les publications de cette série ne sont pas révisées; elles sont publiées telles que soumises par l'auteur.	SASKATCHEWAN GEOLOGICAL SURVEY COMMISSION GÉOLOGIQUE DE LA SASKATCHEWAN 2023
Sheet 7 of 9 / Feuillet 7 de 9		Sheet 7 of 9 / Feuillet 7 de 9

	N147°E	
	200 m	
	N57°E	
	1200 m	
	94.6 m	
	46.6 m	
e	84.6 m	
	46.6 m	
itions:		
30 Hz		
Polygonal		
7 ms		
940 m <sup>2</sup>		
8.7 ms		
34.6 m		
195 A		
733 200 Am <sup>2</sup> (4 turns)		
10 Hz		
3-component induction coils (Z, X, Y)		
Voltage (dB/dt)		
Z: 4-46 channels X,Y: 20-46 channels		
Channel 4 at ~0.021 ms after pulse turn off		
In-loop concentric		

GPS Antenna

38 m

10 m

Sensor

Bucking

Coil

EM Receive

-103°00' -102°30'

64-1/02

64-L/0

64-E/14

.103°00'

(Z, X, Y Coils)



46.6 m