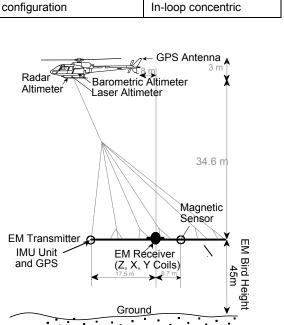


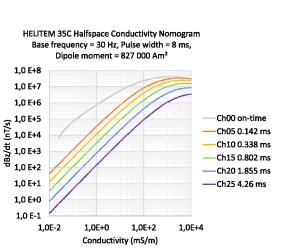
Survey Area Parameters:

Traverse line azimuth	INOO ⊏
Traverse line spacing	200 m
Tie line azimuth	N358°E
Tie line spacing	1200 m
Aircraft average clearance	80 m
EM transmitter nominal clearance	45 m
Magnetic sensor nominal clearance	45 m
FM receiver nominal clearance	45 m

Electromagnetic System Specifications:

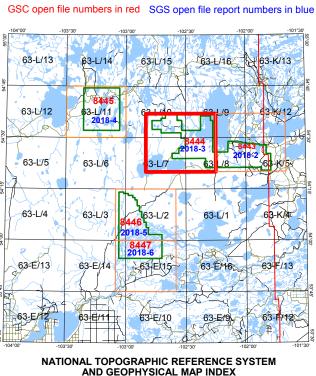
Base frequency	30 Hz
Waveform	Half sinusoid
Transmitter pulse width	8 ms
Transmitter area	962 m ²
Transmitter off-time	8.9 ms
Transmitter loop diameter	35 m
Transmitter current	215 A
Dipole moment (approximately)	827 000 Am ² (4 turns)
Windowed data sampling rate	10 Hz
Receiver	3-component induction coil (Z, X, Y)
Measured response	Voltage (dB/dt)
Digital recording	Z,X,Y: 5-30 channels
1 st off-time Z channel	Channel 5 at ~8 ms after pulse turn off
	4.





PLANIMETRIC SYMBOLS

(Contour Interval = 20 m)



GEOLOGICAL SURVEY OF CANADA OPEN FILE 8444 SASKATCHEWAN GEOLOGICAL SURVEY OPEN FILE REPORT 2018-3 **ELECTROMAGNETIC SURVEY OF THE CREIGHTON AREA**

TIME DECAY CONSTANT - (TAU Z) - EARLY CHANNELS (6 to 10)

Map projection Universal Transverse Mercator, zone 13N. World Geodetic System 1984
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Topographic data from Natural Resources Canada

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