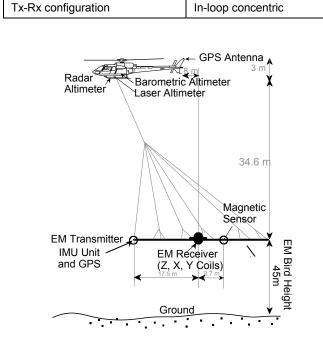


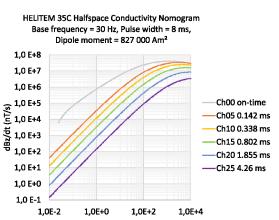
Survey Area Parameters:

Traverse line azimuth	N88°E
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
EM receiver nominal clearance	45 m

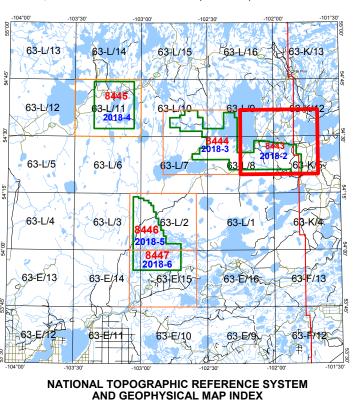
Electromagnetic System Specifications:

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





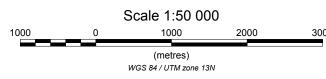
——Ch25 4.26 ms Conductivity (mS/m) PLANIMETRIC SYMBOLS Topographic Contours (Contour Interval = 20 m)



NTS map sheet numbers in black

GEOLOGICAL SURVEY OF CANADA OPEN FILE 8443 SASKATCHEWAN GEOLOGICAL SURVEY OPEN FILE REPORT 2018-2 **ELECTROMAGNETIC SURVEY OF THE CREIGHTON AREA**

APPARENT CONDUCTIVITY - MID CHANNEL 16 (0.802 ms)



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Topographic data from Natural Resources Canada
Contour interval 20 metres

