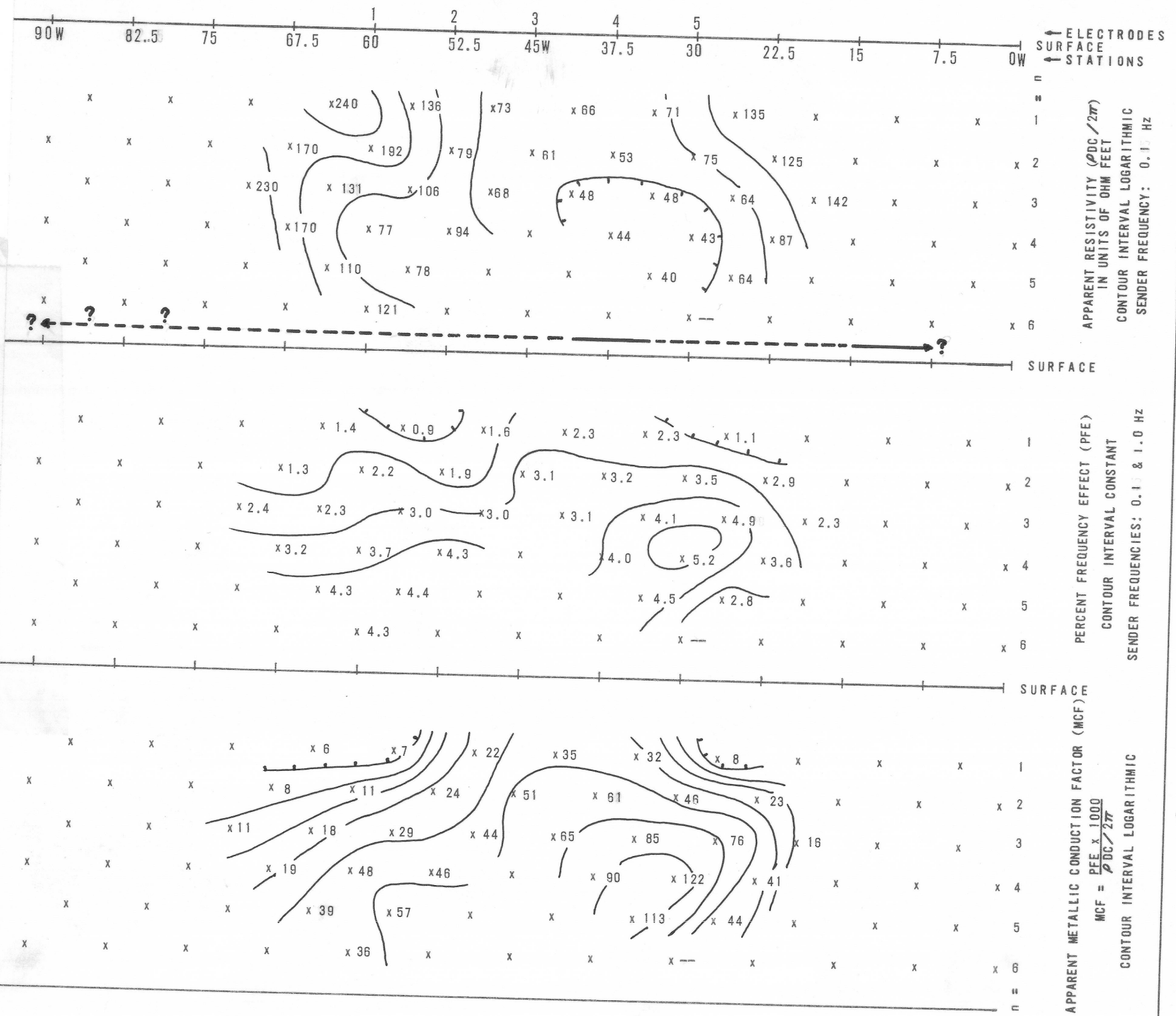


LINE NO.
1
SPREAD(S)
1

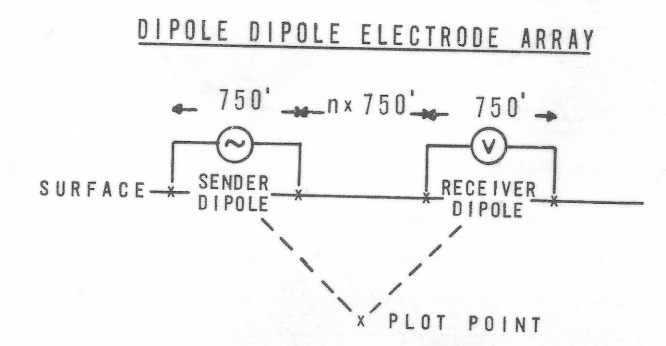
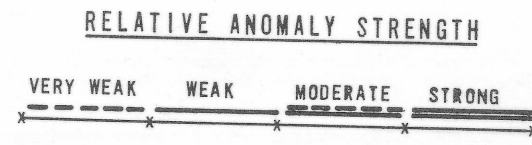
INDUCED POLARIZATION TRAVERSE
SECTIONAL DATA SHEET
for
C. F. & I. STEEL CORP.



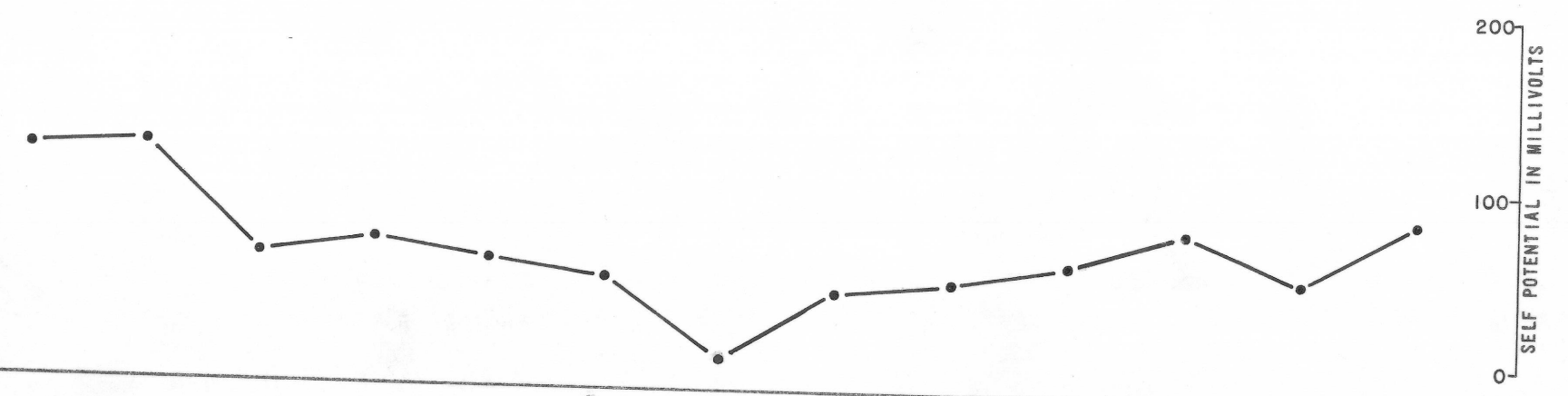
ELECTRODES SURFACE STATIONS
APPARENT RESISTIVITY (ρ_{DC}/2πr) IN UNITS OF OHM FEET
CONTOUR INTERVAL LOGARITHMIC
SENDER FREQUENCY: 0.1 Hz

PERCENT FREQUENCY EFFECT (PFE)
CONTOUR INTERVAL CONSTANT
SENDER FREQUENCIES: 0.1 & 1.0 Hz

APPARENT METALLIC CONDUCTION FACTOR (MCF)
MCF = $\frac{PFE \times 1000}{\rho_{DC} / 2\pi r}$
CONTOUR INTERVAL LOGARITHMIC



AREA
NEW RIVER
LOOKING
NORTH
DATE
DECEMBER 1969
SCALE



Line 1, Spread 1 a = 750 Feet

The resistivity plot is typical of the pattern expected over vertical to steeply dipping rocks, but shows no distinct single feature which can be precisely interpreted. The pattern is more probably due to a gradational resistivity change over rocks having a resistivity of about 75 ohm feet. Both ends of the line indicate rocks of greater than 100 ohm feet.

The frequency effects indicate two possible separate centers of mineralization, at 40.0 W. and at about 10.0 W., based on either MCF or PFE anomalism. The westerly end of the line shows PFE anomalism only, which can be interpreted as caused by relatively horizontal mineralization at depth.

A minor S.P. low tends to support the I.P. anomaly at 37.5 W. and could be caused by near surface oxidizing sulphides.

HEINRICHS
GEOEXPLORATION COMPANY

AUSTRALIA (SYDNEY)
39 Hume Street
Crows Nest, NSW
Phone: 439-1793

U.S.A.
Post Office Box 5671
Tucson, Arizona 85703
Phone: (602) 623-0578
Cable: GEDEX, Tucson