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REPORT ON SURVEYS AND PROSPECTING

OF

FOCH TOWNSHIP GRAPHITE CLAIMS

FOR 2254022 ONTARIO LTD.

Joe-Anne Salo April 2016

INTRODUCTION:

The Foch Township claims were staked in the spring of 2014, during the time of the Zenyetta Graphite acclamation.

A total of 4 claims (27 units) 4270866- 1 unit 4275472- 6 units 4275473- 6 units 4275482- 14 units

In August 2015, Larry Salo and Don McKinnon went to the property to do a prospecting traverse to locate the known showing of graphite. During this time they did ribbon and compass lines for mapping and survey.

In October 2015, Larry and Joe-Anne Salo did the mapping and a VLF-Electromagnetic survey and a Scintillometer survey.

LOCATION

The claims are located in the NE corner of Foch Township and cross the Foch/Lessard Township line. Leaving Connaught and travelling to Hornepayne Ontario, via Cochrane (412 km) From Hornepayne travelling south on Highway 631 to Hornepayne Creek Road (7 km), turning right at mileage marker 40 (25 km).

The road is a good lumber road with a solid bottom.

HISTORY

Although the township has seen several airborne surveys in the early 1990's, the only work done directly on the claims was a stripping program by P. Miller. The assessment work on file consists of only a map. An MDI by A. Wilson is also on file (MDI-42F06SE00002). The stripping by Miller was difficult to find as a lot of flat lying outcrops are visible from the making of the lumber road.

CURRENT WORK

In October 2015, Larry and Joe-Anne Salo drove from Connaught to the property. Using a Geonics EM-16 VLF, and a Exploranium GR-110 SAIC Radiation Detection Scintillometer surveyed the ribbon lines put in place during the summer.

This author has mapped the survey results and the outcropping results. Samples have been collected from the 2 visible graphite showings, (photos included) however no assays have been sent to date.

The majority of the outcropping is consists of E-W striking gneisses and cut by pegmatite dykes. The outcrops are very flat lying and contain visible graphite flakes up to 3 mm is size.

The assays taken by MNDM returned values of 30.4 and 30.3% C.

The 2 main graphite showings are located at:

West Showing - Zone 16- 637718E 5461498N East Showing - Zone 16- 638825E 5461589N

Both showings are similar in apperance.

RECOMMENDATIONS

The values from the Scintillometer survey and the VLF cross-overs appear to be the result of the pegmatite dykes.

This author feels that further work should be carried out in the form of

- 1. Perform proper line-cutting. Spacings should be lines cut at 100 m intervals N-S with 25m stations.
- 2. Perform a Magnetometer survey.
- 3. Blasting the 2 showings to obtain fresh, unweathered samples for assaying.

Respectfully Submitted

Joe-Anne G Salo

M21106, Client #191078

By my signature below, I am indicating that I performed the work mention to my name>

Larry Salo Aug 14, 2015 and Aug 15, 2015 Compass and ribbon lines

October 15, 2015 and Oct 16, 2015 Mapping of outcrop, Survey work

Don McKinnon

Aug 14, 2015 and Aug 15, 2015 Compass and ribbon lines.

Joe-Anne Salo

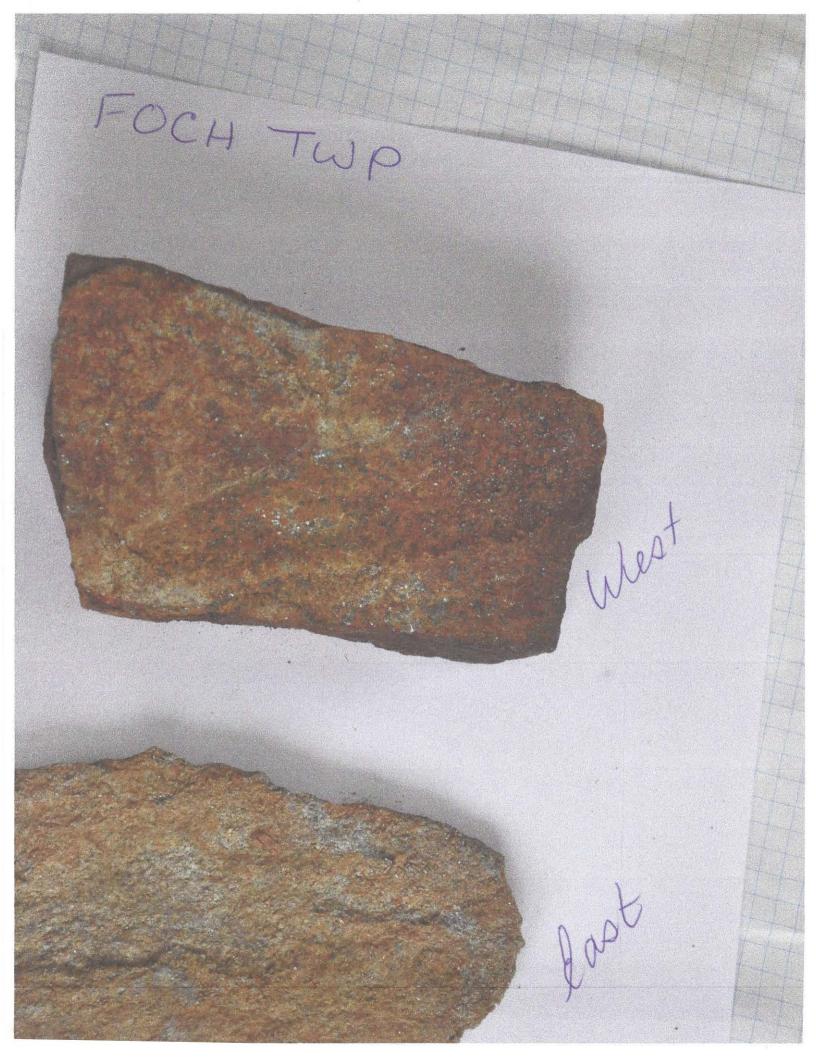
Oct 15, 2015 and Oct 16, 2015

Mapping and Surveys

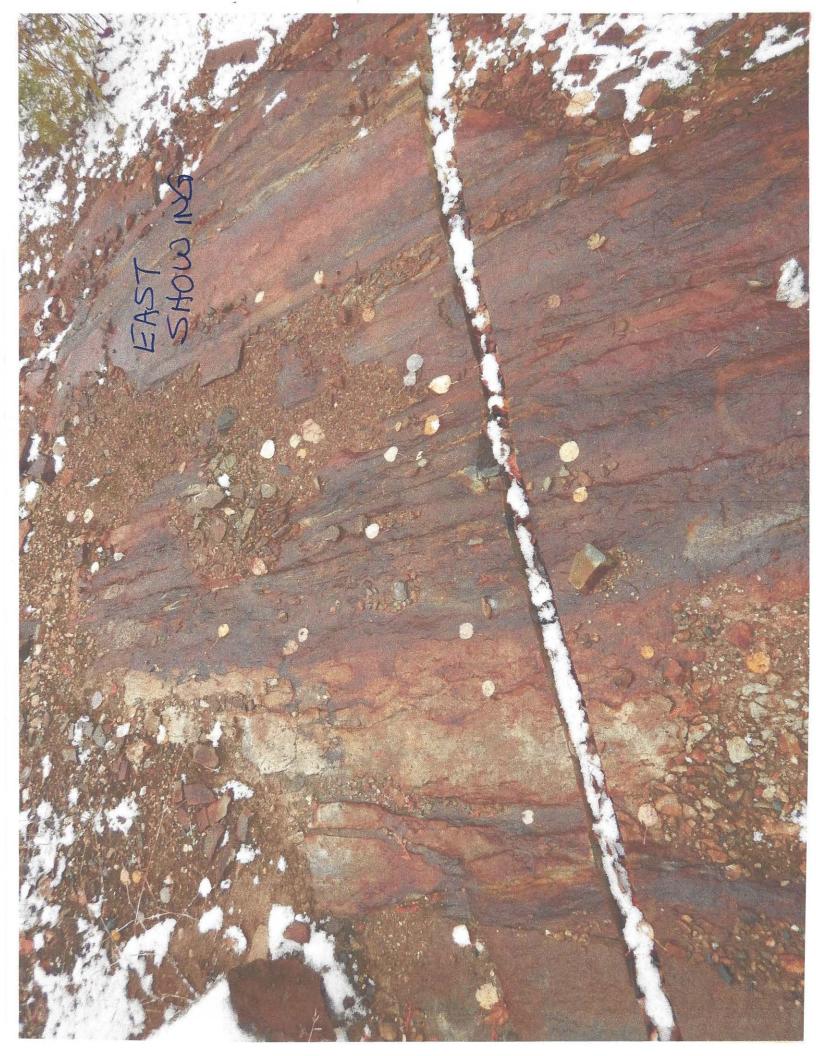
April 15, 2016

Report writing and map compilation

PHOTOGRAPHS









VLF Survey along baseline

MAPS

Claim map

Google view map

Notes: Ontario MINISTRY OF NORTHERN DEVELOPMENT AND MINES **Foch Township** Enter map notes Legend Annuals 17 CF Administration Boundaries Mining Divisions Resident Geologist District Townships and Areas Mineral Tenure Grid OMTG Tenure Grid Alienations Withdrawal Notice **Unpatented Claim** Active /// Pending Disposition Disposition . Disposition Symbols Camp Disposition Unknown/Pending Freehold Patent Mining Rights Only Freehold Patent Surface Rights Only Freehold Patent Surface and Mining Land Use Permit Leasehold Patent Mining Rights Only 4275473 FOCH LESSARD 4275472 Leasehold Patent Surface Rights Only Leasehold Patent Surface and Mining License of Occupation Mining Use Only License of Occupation Surface Use Only License of Occupation Surface and Mining License of Occupation Uses Not Specified Order in Council DIC Tower WPLA Geology Layers AMIS Sites AMIS Features 0 Drill Holes Mineral Occurrences 2254022 Ontario Ltd. **Foch Twp Graphite Claims** Hatch La 1.2 km Projection: Web Mercator

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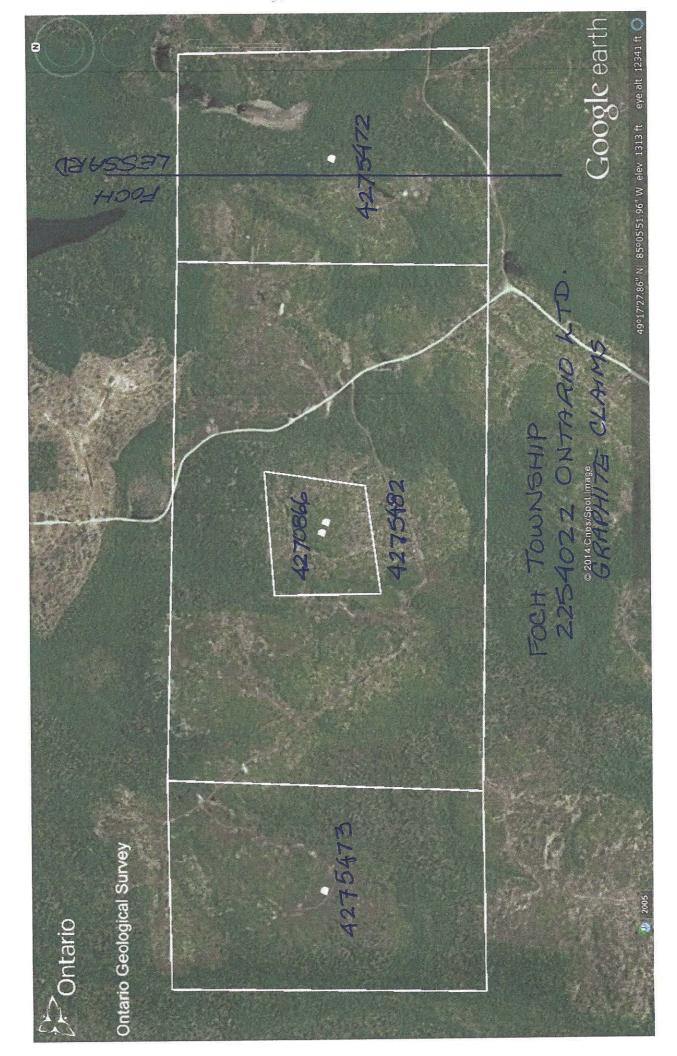
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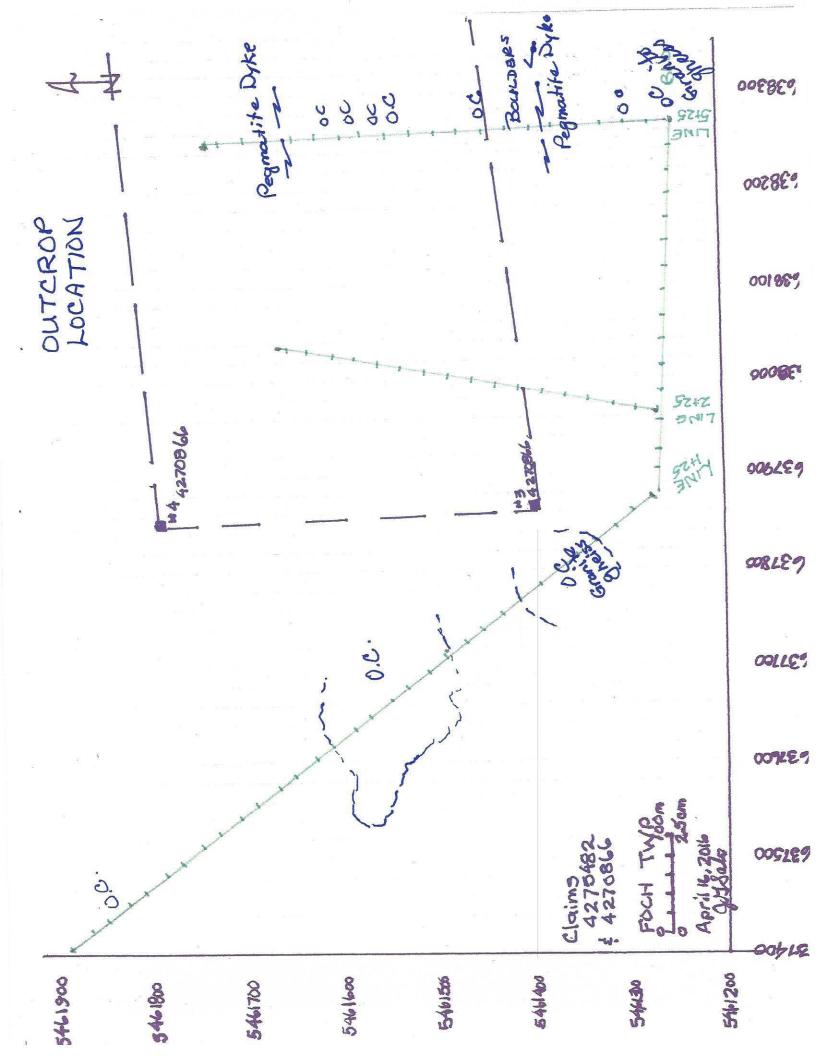
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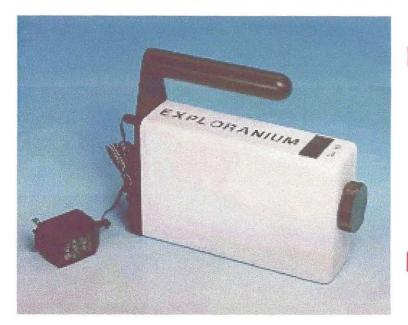




OUTCROP LOCATIONS



GR-110 GAMMA-RAY SCINTILLOMETER SURVEY



GR-110

Gamma-Ray Scintillometer

General

The GR-110 is a rugged, lightweight and portable scintillometer designed for the field geologist who requires the accuracy of a digital display, and large crystal volume for reliable statistics. Even under low light conditions. readings are easily visible on the large four digit Liquid Crystal display (LCD). In high sensitivity mode (0.08 to 3.0MeV) total counts are obtained at either 1 or 10 second intervals. For work where ground cover is highly variable, a 0.4 to 3.0MeV total count mode, "HE," provides significant geological information since the low energy portion of the spectrum is subject to the largest variations in Compton scatter absorption. The HE mode can also handle the high count rates found in drill core and mine face analysis applications.

Special calibration is not required to maintain high accuracy. The GR-110 uses digital counting and display of incoming radiation levels. All units are factory calibrated and are highly stable so that relative readings from unit to unit can be compared, or readings made at different times can be plotted on the same basis.

Features

- * Large internal crystal provides high sensitivity.
- * Versatile data collection with 2 energy thresholds & 2 accumulation periods.
- * Adjustable audio threshold.
- * Audio level proportional to rate.
- * Calibration test source.
- * Large 4-digit LCD display for easy viewing.
- * Small size and lightweight: 1.5kg.
- * Rugged and watertight case.
- * Efficient power provides over 100 hours operation on two "D" cell batteries.
- * Adjustable leather carrying case.

The small size and rugged construction of the GR-110, combined with its accuracy, ease of use, and operational features, make it a useful and advanced field portable scintillometer.

Terraplus Inc.

Tel: 905-764-5505

Email: sales@terraplus.ca Website: www.terraplus.ca

52 West Beaver Cr. Rd. #12, Richmond Hill, ON. Canada L4B 1L9 Fax: 905-764-8093

Specifications

Rotary Switch Controls:

Battery check/display test

1 second accumulate: 0.08MeV - 3.0MeV

10 seconds accumulate: 0.08MeV - 3.0MeV

1 second accumulate: 0.40MeV - 3.0MeV

Conversion Factors for Cesium:

Range 1/10 (- B/G)-

- 1 cps = 0.14 x 10-3 mR/Hr = 1.25 x 10-3, μSv/Hr

Range HE (- B/G)

- 1 cps = 0.36 x 10-3 mR/Hr = 3.23 x 10 3, μSv/Hr

Temperature Ranges:

Operating -25°C to 50°C

Storage: -30°C to 70°C

Audio Frequency Control: Allows output tone to be range adjusted. Increases in count rate

results in an increase in audio frequency

Internal Crystal: 1.5 x 1.5 x 2.0 inch (4.5 cubic inches) square cross section Nal (TI) detector with PMT,

magnetic shield, and shock mounting Display: Liquid crystal type (LCD), 0.5 x 2.0"

4-digit, displays a maximum value of 9999cps

Audio Output: Audio (adjustable threshold tone proportional to rate) via high efficiency loudspeaker

Time Constants: Audio: 0.5 seconds for 0 to 2,500cps change

Construction: Hardened aluminum Imm thick case

Dimensions: Approximately 5.3 x 12.4 x 21cm

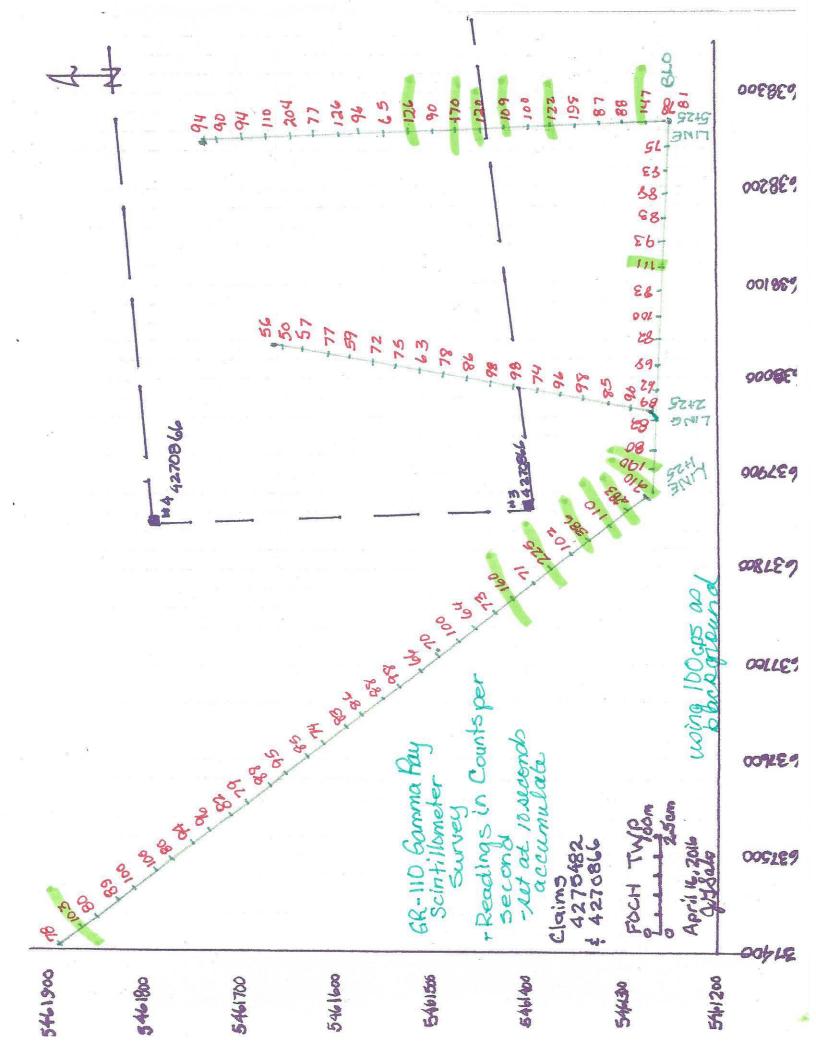
Weight: 1.5 kg

Power: Two "D" Cells- 100 hours (Alkaline at 15°C)

Alarm: Low battery alarm via audio and flashing display Signal alarm if threshold is exceeded.

Standard Components

GR-110 gamma-ray scintillometer, leather case with belt clip and shoulder strap, test source, two "D" cell batteries, PVC storage case, and instruction manual.



Geonics VLF- EM16 Survey

Pioneered and patented exclusively by Geonics Limited, the VLF method of electromagnetic aurveying has been proven to be a major advance in exploration peophysical instrumentation.

Since the beginning of 1985 a large number of mining companies have found the EMHI system to meet the need for a simple, light and effective exploration tool for mining geophysics.

The VLF method uses the military and time standard VLF transmissions as primary field. Only a receiver is then used to measure the secondary fields radiating from the local conductive targets. This allows a very light, one-man instrument to do the job. Because of the almost uniform primary field, good response from deeper targets is obtained.

The EM16 system provides the in-phase and quadrature components of the secondary field with the polarities indicated.

Interpretation technique has been highly developed particularly to differentiate deeper targets from the many surface indications.

Principle of Operation

The VLF transmitters have vertical antennas. The magnetic signal component is then horizontal and concentric around the transmitter location.



Specifications

Source of primary field

Transmitting stations used

form of plug-in tuning units. Two juning units can be plugged in at one time. It watch selects either station.

Operating frequency range

Parameters messured

eff to elgen till aff to trougle of the

fure) i imponent (the short exis of the politization allipsold compared to the

Method of reading

In-phase from a mechanical inclinomater and quadrature from a calibrated that fulfing by audio tone.

Scale range

Readability

VLF transmitting stations.

Any desired station frequency can be supplied with the instrument in the

(1) His vertical ly phase component

inialization allipsoid).

| 2) The vertical out of phase (quadra-

In please + 180%; quadrature ± 40%.

1%.

Reading time

Operating temperature range

Operating controls

Power Supply

Dimensions

Weight

Instrument supplied with

Shipping weight

10-40 seconds depending on signa! strength.

-40 to 50° C.

ON-OFF switch, battery testing pur button, station selector, switch, volume control, quadrature, dial ± 40%, inclinometer dial ± 150%

6 size AA (penlight) alkaline cells. Life about 200 hours.

42 x 14 x 9 cm (16 x 5.5 x 3.5 in.)

1.6 kg (3.5 lbs.)

Monotonic speaker, carrying case manual of operation, 3 station sele plug-in tuning units (additional fre quencies are optional), set of batte

4.5 kg (10 lbs.)

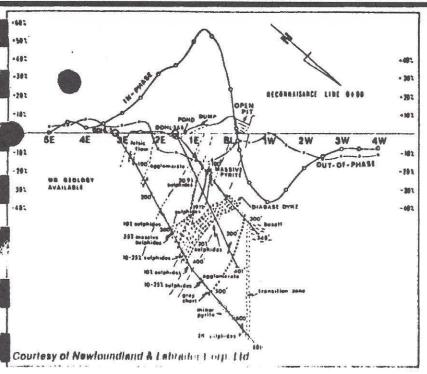


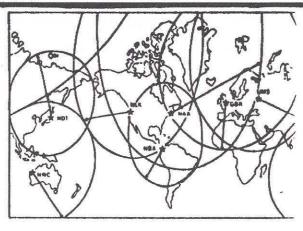
GIONICS LIMITED

Designers & manufacturers of geophysical instruments

subsidiary of Deering Milliken Inc. 2 Thorncliffe Park Drive, Toronto/Ontario/Canada M4H 1H2 Tel: 425-1824

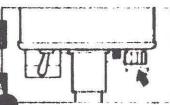
Cables: Geonics





Areas of VLF Signals
Coverage shown only for well-known stations. Other reliable, fully operational stations exist. For full informatio regarding VLF signals in your area consult Geonics Limited. Extensive field experience has proved that the circles of coverage shown are very conservative and are actually much larger in extent.

EM 16 Profile over Lockport Mine Property, Newfoundland ditional case histories on request

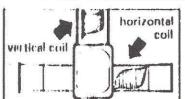


stion Selector

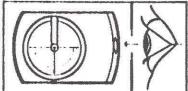
vo tuning units can be plugged

at one time. A switch selects

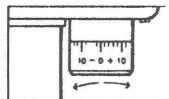
ther station



Neceiving Colle
Vertical receiving coll circuit in
Instrument picks up any vertical
algual present. Horizontal receiving unil circuit, after automatic
90° signal phase shift, feeds signal
into quadrature dial in series with
the receiving coll.



In-Phase Dial shows the tilt-angle of the instrument for minimum signal. This angle is the measure of the vertical in-phase signal expressed in percentage when compared to the horizontal field.



Quadrature Diat is calibrated in percentage mark ings and nulls the vertical quadrature signal in the vertical coll circuit.

By selecting a suitable transmitter station as a source, the M 16 user can survey with the most suitable primary field rimuth.

The EM 16 has two receiving colls, one for the pick-up of the prizontal (primary) field and the other for detecting any nomalous vertical secondary field. The coils are thus orthogonal, and are mounted inside the instrument "handle".

ne actual measurement is done by first tilting the coil issembly to minimize the signal in the vertical (signal) coll and then further sharpening the null by using the reference signal to buck out the remaining signal. This is done by a calibrated quadrature" diat.

The tangent of the tilt angle is the measure of the vertical in-phase component and the quadrature reading is the signal at right angles to the total field. All readings are obtained in per centages and do not depend on the absolute amplitude of the primary signals present.

The "null" condition of the measurement is detected by the drop in the audio signal emitted from the patented resonance loudspeaker. A jack is provided for those preferring the use of an earphone instead.

The power for the instrument is from 6 penlight cells. A battery tester is provided.

