## **KENNETH H. DARKE (**

•

<u>·</u>··



338 SPRUCE STREET NORTH TIMMINS, ONTARIO P4N 6N5 TELEPHONE (705) 264-1910 RESIDENCE 264-7403

2.1582

**GEOPHYSICAL SURVEY REPORT** 

#### on the

ANDERSON/MEIKLE/LAFOREST PROPERTY

GODFREY TOWNSHIP, ONTARIO

**Porcupine Mining Division** District of Cochrane

for

ANDERSON/MEIKLE/LAFOREST JOINT VENTURE PARTNERSHIP

> RECEIVED JAN 3 0 1995

NING LANDS BRANCH

K.H. Darke, P.Eng. KENNETH H. DARKE CONSULTANTS LIMITED November 4, 1994

KENNETH H. DARKE CONSULTANTS LIMITE



42A12SE0017 2.15825 GODFREY

#### TABLE OF CONTENTS

#### Page

INTRODUCTION	1.
PROPERTY DESCRIPTION	3.
LOCATION & ACCESS	3.
REGIONAL GEOLOGY	3.
ECONOMIC GEOLOGY	4.
PROPERTY GEOLOGY	4.
GEOPHYSICAL SURVEYS	6.
<ol> <li>Linecutting</li> <li>Magnetometer Survey</li> <li>VLF-EM Survey</li> </ol>	6. 6. 7.
CONCLUSIONS & RECOMMENDATIONS	8.
CERTIFICATE	

#### ADDENDA:

(i) Brochure: EDA Omni Plus VLF/Magnetometer System.
(ii) Article: S. Breiner; Proton Magnetometers.
(iii) VLF-EM Theory/Stations (EM16 Brochure).

#### ACCOMPANYING MAPS:

Fig. 1: Township Location Map Fig. 2: Claim Location Map G-3991

Geophysical Compilation Map; Scale: 1:5000 Isomagnetic Contour Map: "" VLF-EM; Fraser Filter Product: "" VLF-EM; In-Phase Dip Angles: ""

#### GEOPHYSICAL SURVEY REPORT

#### on the

#### ANDERSON/MEIKLE/LAFOREST PROPERTY

#### GODFRY TOWNSHIP, ONTARIO

Porcupine Mining Division District of Cochrane

for

#### ANDERSON/MEIKLE/LAFOREST JOINT VENTURE PARTNERSHIP

#### INTRODUCTION:

This Geophysical Survey Report describes the results of ground geophysical surveys (magnetic & electromagnetic) conducted on the Anderson/Meikle/Laforest Property by contractor D. Laforest Exploration Services during the period December 15, 1992 to January 25, 1993. The instrument used in the geophysical surveys was an EDA OMNI PLUS VLF/Proton Precession Magnetometer with an EDA Recording Base Station.

The area covered by the geophysical surveys consists of a contiguous group of 13 unpatented mining units/claims located in Godfrey Township, Porcupine Mining Division, Ontario. The property is situated within the extensive limits of the City of Timmins, and is accessible via paved Highway 576 (Kamiskotia Lake Road) that extends through Godfrey Township and the area one-half mile north of the subject claim group.

All the consolidated rocks in the general Godfrey Township Region are of Precambrian age and constitute part of the Abitibi Greenstone Belt. Much of the bedrock in the region is masked by a thin pervasive cover of glacial-derived overburden (sand, gravel) and more recent alder & muskeg swamps.

The general Timmins Region is noted for both major gold mines and polymetallic (copper, zinc, lead; gold, silver) massive sulphide-type volcanogenic deposits. These massive sulphide zones (pyrite, chalcopyrite) constitute excellent E.M. conductors; while the more zinc-rich (sphalerite, lesser pyrite) or disseminated sulphide portions may be only moderately to poorly conductive.

The gold-bearing quartz-carbonate veins/stockworks (gold mines) found throughout the region in general are locally structurally controlled; that is, they are directly associated with fracture/ shear/fault zones. In places these gold-bearing structural zones contain associated disseminated sulphide mineralization that upon surficial oxidation form associated weak electrolytic solutions. That is, these structural features containing weak electrolytes constitute weak E.M. conductors.

The purpose of the aforementioned geophysical surveys (Proton Mag; VLF-EM) on the property was to aid in the delineation of the bedrock stratigraphy (magnetic features) and structural features (E.M. conductive shear/fault zones); and/or to detect more massive local concentrations of sulphide mineralization (E.M. condcutors) in areas where the bedrock is masked or only poorly exposed.

The geophysical surveys completed on the property outlined areas of magnetic highs (Gabbroic Intrusives; Quartz Diorite Intrusives; Diabase Dikes) and magnetic lows (Quartz Porphyry; Felsic Metavolcanics?); and 25 VLF-EM Conductive Zones (conductive fault/shear zones; local concentrations of sulphide mineralization).

Previous limited exploration on the property located two zones containing base metal sulphide (copper; zinc) mineralization; and a number of quartz veins associated with shear/fracture zones.

Additional detailed work on the subject Anderson/Meikle/Laforest Property in an exploratory search for gold and/or base metal sulphide type orebodies is definitely warranted and herein recommended.

#### **PROPERTY DESCRIPTION:**

The Anderson/Meikle/Laforest Property consists of a contiguous group of three Block Claims (13 units) all lcoated in Godfrey Township, Porcupine Mining Division, District of Cochrane, Ontario. Since Godfrey is a surveyed township, the claims can also be described as being located in Lot Nos. 11 & 12, Concession Nos. V & VI; and further described as follows: ...

<u>Claim No.</u> :	No. of Units:	Date Recorded:
P. 1189591	2	Oct. 5, 1992
P. 1189595	10	Oct. 5, 1992
P. 1190797	1	Oct. 5, 1992
	13 units	

The owner of record (Recorded Holder) of the aforesaid mining claims is Steven D. Anderson. It has been attested to by others (not independently ascertained by the writer) that by subsequent private agreement (Joint Venture) said claim group is currently held by S.D. Anderson (35%), R.J. Meikle (35%) and D. Laforest (30%).

#### LOCATION & ACCESS:

The subject property is located in the northwest quadrant of Godfrey Township, Ontario (N.T.S. 42 A/NW) at Longitude 81°35'W / Latitude 48°32'N. The property is situated within the extensive limits of the City of Timmins approximately 10 airmiles northwest of the city centre.

The property is accessible via paved Highway 576 (Kamiskotia Lake Road) that extends through Godfrey Township and the area approximately one-half mile north of said property.

#### **REGIONAL GEOLOGY:**

All the consolidated rocks in the general Godfrey Township Region are of Precambrian age and constitute part of the "Abitibi Greenstone Belt" that lies within the Superior Structural Province of the Precambrian Shield that underlies much of Northern Ontario and adjacent Northwestern Quebec. Said Greenstone Belt consists essentially of Early to Middle Precambrian (Archean-age) metamorphosed volcanic & sedimentary rocks that have been intruded by felsic plutons and mafic/ultramafic stocks & plugs. All the aforementioned rock types have been cut by younger (Proterozoic-age) mafic dikes (diabase, olivine diabase).

-4-

The volcanism is cyclic in nature and consists of an initial ultramafic-mafic phase followed by more intermediate & felsic rock types with intercalated clastic sediments & exhalites, and ends with felsic pyroclastic-volcaniclastic material at the top.

Because of several periods of extensive regional folding most of the original essentially flat-lying volcanic strata & sediments in adjacent basins are now vertical to steeply dipping. Due to subsequent intense erosion (peneplanation) throughout the region, the entire volcanic pile from bottom to top, and the adjacent infolded basinal sediments are generally exposed; that is, a complete cross-section of the volcanic pile-sedimentary basin often can be seen as bedrock outcrop.

#### **ECONOMIC GEOLOGY:**

The general Timmins area is noted for both major gold mines and polymetallic (copper, zinc, lead; gold, silver) massive sulphidetype volcanogenic deposits. The gold mineralization in most part is associated with quartz-carbonate veins/stockworks hosted by a variety of rock types; and the polymetallic sulphide deposits are hosted by felsic-intermediate metavolcanic stratigraphy.

Godfrey Township contains two significant polymetallic sulphide deposits (Canadian Jamieson & Genex) ... two other deposits (past producers) are located to the northwest in adjacent Jamieson Township (Jameland Mines) and Robb Township (Kam-Kotia Mine). The Canadian Jamieson Mine (past producer; Cu, Zn) is located approximately 3,000 ft. east of the subject property, and the Genex deposit is situated approximately 2.5 miles southeast of the property.

#### **PROPERTY GEOLOGY:**

The general geology of the area encompassing the subject property is shown on Ont. Department of Mines' Geological Map No. 1954-4, Township of Godfrey; at a scale of 1 inch to 1,000 feet.

The aforementioned reconnaissance geological mapping by the O.D.M. indicates that the principal rock types present on the property are felsic intrusives (granite, quartz porphyry) and mafic intrusives (gabbro, diabasic gabbro). The northern part of an extensive Quartz Diorite plug intrudes the extreme easterly located claims (P.1189591). Northerly-trending (N 5°-15° W) linear-shaped diabase dikes intrude through the western § northeastern parts of the property. Thin lamprophyre/trap dikes are also present and represent the youngest rock type on the property... in general they trend at N 40° E and Due North; however, a few trend east or northwest.

The diabase dikes on the property are part of an extensive dike swarm that reflects regional northerly-trending fault zones. The lamprophyre dikes reflect more local fault & fracture zones. Previous work by others in the general area now encompassed by the subject property had been of limited extent and consisted initially of the investigation of the gold potential of a number of quartz veins hosted by quartz porphyry or quartz diorite. Six diamond drill holes tested a sericitic shear zone/quartz vein (Zone #1) located on the southeastern part of the property ... refer to accompanying Compilation Map for details as to location.

A number of prospect pit/trenches tested sulphide showings (pyrite, pyrrhotite; chalcopyrite, sphalerite) located on the northwestern part of the property within an area underlain principally by Mafic (Gabbroic) Intrusives. One narrow sulphide showing (Zone #2) consisting of 10% disseminated sulphides (pyrite, sphalerite, chalcopyrite) was tested by 2,000 feet of diamond drilling.

A disseminated sulphide zone (pyrite, chalcopyrite) located on the northeastern part of the property (Allerston Showing) was tested by only one diamond drill hole.

The current Anderson/Meikle/Laforest Property has never been covered by detailed geological mapping; and thus, the exact locations of the aforementioned quartz veins & sulphide showings with respect to the current control grid (picket lines) is unknown.

#### **GEOPHYSICAL SURVEYS:**

#### **1. LINECUTTING:**

During the period Dec. 5, 1992 to Jan. 22, 1993 contractor Exsics Exploration Limited completed the linecutting of a control grid of picket lines (24 km) covering the entire property. Said grid, with the main "Control Hub" (0+00) at the northeastern corner of the property, consists of north-south-bearing picket lines at an 100-metre line-spacing (00+00 to 12+00W) with stations at 25-metre intervals (0+00 to 20+00S) thereupon.

#### 2. MAGNETOMETER SURVEY:

Instrument:- EDA Omni Plus Proton Precession Magnetometer Station Interval:- 25m Line Interval:- 100m No. of Readings:- 936 Diurnal Correction Method:- EDA Recording Base Station Data Presentation:- Isomagnetic Contour Map - Contour Interval: 100 nano-teslas (nT)

- Base Level Removed: 57,000 nT
- Map Scale: 1:5000

The Proton Precession Magnetometer used in the magnetic survey has a sensitivity of one gamma (nT) or better, absolute accuracy, no moving parts, and measures total field intensity with freedom from orientation errors. Refer to the accompanying Addenda to this report for additional details as to the Proton Magnetometer (EDA brochure) used in the survey and for general theory (article by S. Breiner) re such magnetometers.

The following comments are based upon a Total Magnetic Field Intensity that for sake of convenience has been reduced by 57,000 nT (Background Removed).

The most prominent magnetic features on the property are three northerly-trending, linear-shaped magnetic highs (generally 2,300-4,800 nT; local high of 8,399 nT) that represent Diabase Dikes which contain variable amounts of magnetite mineralization. These three Diabase Dikes have been offset in places by northeasterly, or easterly trending fault zones. Since the picket lines upon which the mag readings were taken parallel said dikes then the locations of some portions of these dikes as shown (accompanying Compilation Map) are approximate only.

A large portion of the property has a relatively uniform magnetic intensity that varies from approximately 1,100-1,400 nT and is indicative of areas mapped as being underlain predominently by Granitic Intrusives. Areas on the property containing the lowest magnetic responses (less than 1100 nT) may indicate Quartz Porphyry and/or felsic metavolcanics.

-7-

The eastern margin of the property (Claim P.1189591) contains a known Quartz Diorite Intrusive. Magnetic intensities in this area are highly variable from about 2,000 to 3,000 nT.

Mafic (Gabbroic) Intrusives occur throughout the west-central claims. Magnetic intensities throughout this area are highly variable from 1,400-2,500 nT. Magnetic interpretations in the area are further complicated by the presence of the aforementioned cross-cutting Diabase Dikes (mag highs).

#### 3. VLF-EM SURVEY:

Instrument:- EDA Omni Plus Combined VLF/Mag. System Station Interval:- 25m Line Interval:- 100m No. of Readings:- 901 Parameter Measured:- In-Phase Component (Dip Angle) Transmitting Station:- NAA Cutler, Maine Transmitting Frequency:- 24.0 kHz Reading Direction:- All readings taken facing north Data Presentation:- Fraser Filter Map (contoured dip angles) - Geophysical Compilation Map. - Map Scale: 1:5000

Refer to the Addenda of this report for details as to the instrument used.

Electromagnetic (E.M.) prospecting methods rely on the measurement of secondary fields generated by conducting bodies in the ground when subjected to a primary E.M. signal. The VLF-EM method utilizes the electromagnetic radiation from powerful military radio transmitters as the primary signals. In essence, VLF-EM conductors are detected by using a receiver coil that measures the components (In-Phase; Quadrature) of a secondary field induced in the conductor by a primary transmitted signal.

The VLF-EM survey delineated 25 conductive zones on the property ... refer to the accompanying Compilation Map for locations and designated numbers. Since there has been no follow-up detailed geological mapping on the property the causes of said E.M. anomalies in most cases is currently unknown.

Many of the weak to moderately conductive zones on the property trend northeasterly (N  $45^{\circ}-70^{\circ}$  E) or northwesterly (N  $45^{\circ}-55^{\circ}$  W) parallel to regional fault/shear zones and thus probably represent E.M. conductive portions of said fault/shear zones.

Easterly trending E.M. Conductor #19b appears to be coincidental with a sericite shear zone containing quartz veins (Zone #1) that was previously tested by diamond drilling.

E.M. Conductor #4 is located in the general vicinity of a narrow sulphide showing (Zone #2); however, it is not currently known whether or not they coincide. A trench on this showing exposed a 14-inch wide shear zone containing 10% sulphides (pyrite, sphalerite, chalcopyrite) ... this zone subsequently was tested by diamond drilling.

A number of moderate to strong E.M. Conductive Zones (Nos. 6, 7, 10, 11, 12, 13, 15 & 17) are located in the western part of the property within an area underlain principally by Mafic (Gabbroic) Intrusives. These generally easterly-trending conductive zones may represent local concentrations of sulphide mineralization along shear zones.

A single drill hole by prospector Ralph Allerston reportedly intersected disseminated sulphides (including chalcopyrite) in the general vicinity of E.M. Conductive Zone #2; however, the exact location of this drill hole with respect to said conductor is currently unknown.

#### CONCLUSIONS & RECOMMENDATIONS:

The magnetometer survey results corroborate previous reconnaissance geological mapping that indicates the subject property is underlain by three main rock types: Felsic Intrusives (granite; local quartz porphyry); Mafic Intrusives (gabbro); and more locally, a Quartz Diorite Intrusive. All these rock types are cut by northerly-trending Diabase Dikes.

The VLF-EM Survey detected 25 conductive zones on the property. Most of these conductors trend northeasterly and/or northwesterly (refer to accompanying Compilation Map for details) and are considered to represent fault/shear zones. Since elsewhere in the region such conductive shear zones in places have associated gold-bearing quartz veins/stockworks all these conductive zones should be investigated further by detailed prospecting in an exploratory search for gold deposits. Previous limited work on the property has shown the presence of base metal sulphides (copper-zinc) at two locations ... in the general vicinity of or coincidental with E.M. Conductive Zones #4 & #2. Eight moderate to strong E.M. Conductors (Nos. 6, 7, 10, 11, 12, 13, 15 & 17) occur within an area underlain principally by Gabbroic Intrusives. Since said eight conductive zones could in part represent local concentrations of sulphide mineralization then they should be further investigated specifically for their base metal (nickel, copper; zinc) potential.

Additional limited geophysical surveys (HEM; Max-Min) should also be undertaken to further define and assess the base metal potential of the aforementioned eight E.M. Conductive Zones.

Additional detailed work on the subject Anderson/Meikle/Laforest Property in an exploratory search for gold and/or base metal sulphide-type orebodies is definitely warranted and hereby recommended.

\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \*

Respectfully submitted,

November 4, 1994 Timmins, Ontario

ALD PROPESSION AL K.H. Dark K. H. DARKE

K.H. Darke, P.Eng.

#### **KENNETH H. DARKE CONSULTANTS LIMITED**

338 SPRUCE STREET NORTH TIMMINS, ONTARIO P4N 6N5 TELEPHONE (705) 264-1910 RESIDENCE 264-7403

Mr. Denis Laforest 730 McClinton Dr. TIMMINS, ON P4N 4P8

#### CERTIFICATE

With reference to my Geophysical Survey Report on the Anderson/Meikle/Laforest Property dated November 4, 1994 ...

I, KENNETH H. DARKE, of the city of Timmins, Ontario do hereby certify that:

- 1. I am a graduate of the University of British Columbia in Geological Engineering and have practised my profession in this capacity continuously for the past 38 years;
- 2. I am and have been an independent Consulting Geological Engineer (Exploration) with an office situated in Timmins, Ontario for the past 30 years;
- 3. I am a registered Professional Engineer in the Province of Ontario; and
- 4. I have no interest direct or indirect in the Anderson/ Meikle/Laforest Property; Godfrey Township, Ontario described in this report nor do I expect to receive any.

Dated this 4th day of November, 1994 Timmins, Ontario

ALD PROFESSION IL K. H. DARKE K.H. An LINCE OF ONT

K.H. Darke, P.Eng. Consulting Geological Engineer









# Specifications\*

. .

•	Frequency Tuning Range	. 15 to 30 kHz, with bandwidt range accommodates new F at 28.5 kHz	h of 150 Hz; tuning Puerto Rico station
	Transmitting Stations Measured.	. Up to 3 stations can be auto at any given grid location w tuning range	matically measured Ithin frequency
	Recorded VLF Magnetic		
		. Total field strength, total dig quadrature (or alternately, h amplitude)	p, vertical Norizontal
-	Standard Memory Capacity	.800 combined VLF magnetic measurements as well as gra magnetometer readings	and VLF electric adiometer and
	<b>Display</b>	Custom designed, ruggedize display with built-in heater a temperature range from – 4 display contains six numeric point, battery status monito status monitor and function	ed liquid crystal and an operating 40°C to + 55°C. The digits, decimal or, signal strength descriptors.
	RS232C Serial I/O Interface	. 2400 baud rate, 8 data bits, 2	stop bits, no parity
	Test Mode	. A. Diagnostic Testing (data a memory) B. Self Test (hardware)	nd programmable
	Sensor Head	. Contains 3 orthogonally mo automatic tilt compensation	unted coils with n
	<b>Operating Environmental</b>		
	Range	. – 40°C to + 55°C; 0 – 100% relative humidity; Weatherproof	
	Power Supply	Non-magnetic rechargeable DC battery cartridge or belt battery belt; 12V DC externa base station operation only.	sealed lead-acid 18V ; 18V DC disposable I power source for
;	Weights and Dimensions Instrument Console Sensor Head VLF Electronics Module Lead Acid Battery Cartridge Lead Acid Battery Belt Disposable Battery Belt	.2.8 kg, 128 x 150 x 250 mm .2.1 kg, 130 dia. x 130 mm .1.1 kg, 40 x 150 x 250 mm .1.8 kg, 235 x 105 x 90 mm .1.8 kg, 540 x 100 x 40 mm .1.2 kg, 540 x 100 x 40 mm	EDA Instruments Inc., 4 Thorncliffe Park Drive, Voronto, Ontario Canada M4H 1H1 Velex: 06 23222 EDA TOR, Cables: Instruments Toront (416) 425-7800 In USA EDA Instruments Inc., 5151 Ward Road, Wheat Ridge, Colorado U S.A. 80033
۹,		-	-1303-422-9112 -

#### **PROTON PRECESSION MAGNETOMETER** -

#### Applications Manual for Portable Magnetometers.

Sheldon Breiner; GeoMetrics

#### Instrument Use

The common types of portable magnetometers in use today are fluxgate, proton precession, Schmidt field balance, dip needle and other special purpose instruments. Field balances and dip needles are mechanical devices comprised of pivoted magnets measuring vertical or horizontal intensity or field direction, and are not much used today being replaced by the more sensitive and less cumbersome fluxgate and proton magnetometers. Portable fluxgate magnetometers employ a saturable core sensor held in a vertical direction to measure vertical intensity with an effective sensitivity on the order of several gammas. Fluxgate magnetometers, too, are slowly being replaced by the proton magnetometer which has greater sensitivity (1 gamma or better), absolute accuracy, no moving parts, and measures total field intensity with freedom from orientation errors. For reasons of its increasing utilization and because many applications require these features, the proton magnetometer will be the principal instrument under discussion in the Manual. Much of the Manual from Chapters III through IX nevertheless applies to vertical component flux gate magnetometers as well. Anomaly signatures at high latitudes (magnetic dip 70° or greater) are practically identical for the two instruments; at other latitudes they differ significantly.

#### **Proton Magnetometer**

The proton precession magnetometer is so named because it utilizes the precession of spinning protons or nuclei of the hydrogen atom in a sample of hydrocarbon fluid to measure the total magnetic intensity. The spinning protons in a sample of water, kerosene, alcohol, etc., behave as small, spinning magnetic dipoles. These magnets are temporarily aligned or polarized by application of a uniform magnetic field generated by a current in a coil of wire. When the current is removed, the spin of the protons causes them to precess about the direction of the ambient or earth's magnetic field, much as a spinning top precesses about the gravity field. The precessing protons then generate a small signal in the same coil used to polarize them, a signal whose frequency is precisely proportional to the total magnetic field intensity and independent of the orientation of the coll, i.e., sensor of the magnetometer. The proportionality constant which relates frequency to field intensity is a well known atomic constant: the gyromagnetic ratio of the proton. The precession frequency, typically 2000 Hz, is measured by modern digital counters as the absolute value of the total magnetic field intensity with an accuracy of 1 gamma, and in special cases 0.1 gamma, in the earth's field of approximately 50,000 gammas.

#### **Total Field Measurement**

The total magnetic field intensity, as measured by a proton magnetometer, is a scalar measurement, or simply the magnitude of the earth's field vector independent of its direction. The measurement can be expressed as in *Figure 1a* as simply the length of the earth's field vector, F, shown here to be 50,000 gammas. A local perturba-



tion, T, of 10 gammas, as might be measured in any of the applications discussed herein, is shown in *Figure 1b* as a vector of arbitrary direction. This disturbance vector adds to the undisturbed field in the usual manner of vector addition as shown in *Figure 1b*, paying special notice to how the figure would actually appear if both the 50,000 and 10 gamma vectors were drawn to scale. It is clear from the figure, then, that since the proton magnetometer measures only the *magnitude* of the resultant vector whose direction is almost exactly parallel



### Proton Magnetometers continued: ...

· . ·

where

to the undisturbed total field vector, that which is measured is very nearly the component of the disturbance vector in the direction of the original undisturbed total field, or where

# $|\vec{F} + \vec{T}| \approx F + \text{comp}_{\vec{F}} \vec{T}$

#### IFI NTI.

Such conditions are almost always valid except in the near field of large steel objects or in the vicinity of iron one deposits or certain ultrabasic rocks which produce anomalies larger than 10,000 gammas. Thus, the change in total field,  $\Delta F = \text{comp}_F T$ , i.e., the component of the

anomalous field, T, in the direction of F. (Except where noted,  $comp_FT$  will be referred to simply as the anomaly

T.) The proton precession magnetometer, for small perturbations, can therefore be considered to be an earth'sfield-determined component magnetometer.

This property of measuring this scalar magnitude of the field, otherwise called total field intensity, is very significant with respect to the asymmetric signatures of anomalies, interpretation of anomalies, and in various special applications. Furthermore, the fact that what is measured is independent of the orientation of the sensor, allows the magnetometer to be operated without attention to orientation or leveling such as would be the case with a fluxgate magnetometer on the mobile platform of a person, vehicle, or aircraft. The only limitation of such a scalar measurement, albeit a minor one, is the fact that the component of the anomalous field which is measured is not normally under the control of the observer, but rather at the whim of the local direction of the earth's magnetic field.

#### Limitations of a Proton Magnetometer

The proton magnetometer has no moving parts, produces an absolute and relatively high resolution measurement of the field and usually displays the measurement in the form of an unambiguous digital lighted readout. Several operational restrictions exist, however, which may be of concern under special field conditions. First, the proton precession signal is sharply degraded in the presence of a large magnetic field gradient greater than 200 gammas per foot (approximately 600 gammas per meter). Also, the signal amplitude from the sensor is on the order of microvolts and must be measured to an accuracy of 0.04 Hz of the precession frequency of several thousand Hz. This small signal can be rendered immeasurable by the effects of nearby alternating current electrical power sources. For these two reasons, a prolon magnetometer cannot usually be operated within the confines of a typical building. Developments and procedures are presented which minimize these effects for the applications to be described in the Manual.



# **GEONICS LIMITED**

2 Thorncliffe Park Drive, Toronto 17, Ontario, Canada. Tel. (416) 425-1821, Cables: Geonics

# EM16 VLF ELECTROMAGNETIC UNIT

Pioneered exclusively by Geonics Limited the VLF-method of electromagnetic surveying by utilization of the uniform horizontal fields generated by an existing network of reliable, fully operational Very Low Frequency transmitting stations has proved to be a major advance in geophysical exploration.

Very extensive world-wide experience since the beginning of 1965 by a large and rapidly increasing number of users, including a high proportion of major mining and exploration companies, has provided conclusive evidence of the effectiveness of the technique and the EM 16 has gained general acceptance as a basic electromagnetic tool. This evidence has also indicated the response of disseminated bodies. to the VLF-method.

The unique self-contained EM 16 offers the unrivalled combination of LIGHT WEIGHT, ONE-MAN OPERATION and DEEP PENETRATION allowing rapid, economical surveys. Assessing the data is simplified due to the use of the uniform horizontal primary field. The patented design feature of the measurement of both the in-phase and out-of-phase (quadrature) component of the vertical field provides the information necessary for comprehensive interpretation of the field results.



SPECIFICATIONS			
Source of primary field:	VLF transmitting stations.	Scale range:	In-phase ± 150%; Out-of-phase ± 40%.
Transmitting stations used:	Any desired station frequency		i i i
	Supplied with the instrument in the form of plug-in tuning units. Two	Readability:	± 1%
	tuning units can be plugged in st one time. A switch selects either station.	Reading time:	10 — 40 seconds depending on signal strength.
		Operating temperature range:	-40 m 50°C
Operating frequency range:	About 15 – 25 kHz		
		Power Supply:	6 size AA (penlight) alkaline cells.
Parameters measured:	(1) The vertical in-phase component (tangent of the tilt angle of the		Life about 200 hours.
	polarization ellipsoid).	Dimensions:	16 x 5.5 x 3.5 in (42 x 14 x 9 cm)
	(2) The vertical out-of-phase		
	(quadrature) component the short axis of the polarization	Weight:	2.5 lbs (1.1 kg)
	ellipsoid compared to the long axis).	Instrument supplied with:	Monotonic speaker, carrying case, manual of operation, 3 station
Method of reading:	In-phase from a mechanical in- clinometer; out-of-phase from a		(additional frequencies are optional), set of betteries.
	tone.	Shipping weight:	10 ibs (4.5 kg)

# SIMPLE ONE-MAN OPERATION



#### **STATION SELECTOR**

after selection of 2 VLF stations and insertion of proper plug-in units, knob rotation allows switching.



#### **RECEIVING COILS**

vertical receiving coil circuit in instrument picks up any vertical signal present. Horizontal receiving coil circuit, after automatic 90° signal phase shift, feeds signal into out-of-phase dial in series with the receiving coil.



#### 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.



#### **OUT-OF-PHASE DIAL**

 is calibrated in percentage markings and nulls the vertical quadrature signal in the vertical coll circuit.

# **AREAS OF VLF SIGNALS**



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

# EM 16 PROFILE over Lockport Mine property, Newfoundland



AIITHODIZED ACENT.

Ontario	Ministry of Northern Devel and Mines	opment Afte	ort of Work Conducted r Recording Claim Mining Act	Transaction Number W9460.00239
Personal in his delitica	iormation collected Ion should be dire	s on this form is obtained u cled to the Provincial Ma	nder the authority of the Mining Act. This inform neger, Mining Lands, Ministry of Martham Tau	ation will be used for correspondence. Questions about structured and Minan Except Floor (1990) Device The
Sudbury, C	one: - Please - Roler ( Record - A Sept - Techni - A sket	type or print and su to the Mining Act and der. arate copy of this for ical reports and map ch, showing the clair	tomit in duplicate. d Regulations for re m must be complete. e must accompany this form in duplic ms the work is assigned to, must accomp	SODFREY 900
Recorded		nhelson	Pilni 400	Chert No.
78	me	Chinton O	A timmins On	Telephone No. Telephone No. TOS-369-385/ N or & Plan No.
Diffee Viek Performs	d From: "	Nou 1/92.		22/93
Work Pe	rionned (Che	ck One Work Group	Only)	
	ork Group		Туре	
Geol	Ichnical Survey	2	- 0	
Inclu	ding Drilling	Amphysi	cal Survey Mag	S ILLE
- Rehi	r Authorized		V	RECEIVED
Worl	k	hine cutti	ng	JAN 3 0 1995
Acci	gnment from		<b>v</b>	MINING LANDS BHANCH
Reel	irvð j			
Total As Note: 1	seesment Worl The Minister m	k Claimed on the Alt av reject for assessn	ached Statement of Costs \$ nent work credit all or part of the asse	esament work aubmitted if the recorded
· [	holder cánnot v	verify expenditures cl	almed in the statement of costs within	n 30 days of a request for verification.
Persone	and Survey C	Company Who Perfe	onned the Work (Give Name and Add	Ireas of Author of Report)
0			120 Helint 1	Detin Detinie
LYe I			Pan 120	
9.1.5	2 Yel	A logation	Roll 1880 Tim min	Optinia 1
				DA 741
(attach a	Schedule II no	cecery)	j	
Certifica	tion of Benefi	icial Interest * Sec	Note No. 1 on reverse side	
i certily report w by the c	hat at the time the ne recorded in the c wrent recorded ha	work was performed, the ( carrent holder's name or hè ider.	Id under a banalicial interest	44. Dololab.
Certifica	tion of Work	Report		
I certily its comp	that I have a pers	onal knowledge of the lac	ts set forth in this Work report, having perform	ed the work or wilnessed same during and/or after
		d report is true.		
Telepone	Address of Person M2.5	d report is true. Coullying	30 H Chinton De	PHN APRIL
Jas	260.29	d report is true. Cardifing a 1 a 1. 7 bain Hol 1.0.	204 chinton Delo	PAN SPRING
Telepone Telepone For Offi	Address of Person No. 2. 100 - 3.4 Ice Use Only	d report is true. Cardifing (a 1 a 1. 7 (a 1 a 2. 7 (bits (bits (bits)) (bits))	30 4 Chinton Delo	PAN BREIGE
Totapone Totapone For Offi	Address of Person No 3408 - 34 too Use Only two Cr. Nacordist	d report is true. Cardifieg (a 1 a t. 7 (bits (b) 1.0 0. (b) 1.0 0. (b) 1.0 0. (c) 1.0 0	30 H. Chinton De 20 H. Chinton De 20 H. Chinton De 20 H. Chinton 20 H. Chinto	timme Ontario

:

2			1	-	1	<u> </u>		<u> </u>	т										
1 2 3 3 4		•- ••								۰ e	•						4	):	And
	y		E	\$_• ÷	•	<u>.</u>										1190-	1.8.0	1189	
H		•				、 .						•					595-14	59.	
					·						-						D		
Tend Yake Werk	85.60. 9														ī.		2 6580 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1216 2	Value of Accountant Work Done on the Claim
Total Value Work Applied	1000 T	•••				- <b></b> -											6 4 4 4 5 C	15000	Apples Bister
											A		Real Street	as the m	Gran with		: :1	1 .1	Value Assigned from the Cielm
Tutal Reserve						•			-				6))	1515	Jellar.		•••	•	Receive: Work to be Claimed at A Pubure Date
Cre	dits ye	nu are (	claimin u wish	g in thi to pric	s repor vize th	t may b e deleti	e cut b on of c	eck. In redite.	order t Please	o minir mark	nize th (~) an	e adver	rse effe e follov	icts of ving:	such d	sistione	, piece	e indici	tie from
1. 2. 3. in 1		redits ( redits ( redits ) redits (	nre to l nre to l nre to l t you h	be cut i be cut i be cut i ave no	back si back s back s t speci	arting v qually c s priori: illed you	with the over all cod on ur choi	e claim claims the atl ce of p	listed contai ached riority,	last, wi ined in append option	oriting this re fix. one wi	baciow port of III be in	ards. work.	inted.			•		्र संस्थ र
Hole	): En to 2: M	the m	e of be ining a pri-	noficia claime.	i intera	l on pe	unreco tented	nded tr	noten	s, optic		ement	e, men	iollowi	lum of :	green	ionte, d	Nc., wi	ih respect

	I certify that the recorded holder had a beneficial interest in the patented	agnature	Dele
1	or leased land at the time the work was performed.		
	•		4



by of Marth m Developri 188

ne du nt du Nord

#### Statement of Costs for Assessment Credit

#### État des coûts aux fins du crédit d'évaluation

#### Mining Act/Loi sur les mines

reanel information collected on this form is obtained under the authority the Mining Act. This information will be used to meintain a record and going status of the mining claim(s). Cuestions about this collection should directed to the Provincial Manager, Minings Lands, Ministry of Northern resonant and Mines, 4th Floor, 159 Ceder Street, Sudbury, Onterio E 6A5, telephone (705) 670-7284. of the Mile

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collece de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4<sup>e</sup> étage, Budbury (Ontario) PSE 6A5, téléphone (705) 670-7284.

Francaction No./N\* de tran

2.1582

W9460.00 239

#### 2. Indirect Costs/Coûts indirects

# \*\* Note: When claiming Rehabilitation work indirect costs are not allowable as assessment work. Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tent que travaux d'évaluation.



Note : Le titulaire enregistré sera tenu de vériller les dépenses demandées dans le précent état des coûts dans les 30 jours suivent une demande à cat effet. Si la vérilication n'est pas effectuée, le ministre peut rejeter tout elist. Si la vértication n'est pas effectuée, le ministr ou une partie des travaux d'évaluation présentée.

#### **Remiese pour dépôt**

- 1. Les travaux déposés dans les deux ans suivant leur achivement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
- 2. Les travaux déposés trois, quatre ou cing ans après leur achèves sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calcule cl-dessous.



PORCUPINE MINING BAADIE Con que les montants indiqués sor dépenses ont été engagées pou . etion sur les terraine indiquée dans la formule de rapport de travail ci-joint.

Et qu'à titre de\_\_\_\_\_je suis autorisé (thuisire enregistré, représentant, poste eccupé dans la compagnia)

à faire cette attestation.

Noo.26/94, 6 Note : Dane cette formule, lorsqu'il del cuin est utiles au s ie des personnes, le mi

1. Direct Costs/Coûts directs

Туре	Description	Amount Montant	Totale Total global
Wagee Salatree	Labour Main-d'oeuvre	3000,5	
	Field Supervision Supervision sur le terrain	000.00	
Contractor's and Consultant's	home cutting		
Duile de Fentrepreneur	Stare L.D.	6000	
et de l'experi- censeil			
Supplies Used Fournitures	Туре		
Equipment Rental Location do	Seophysical	•	
matérial	mag. D.LE		
	4		SI Are
	Total Di Total des cod	ts directs	89169
	Less.S	56 %. AL	1750

this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

#### **Filing Discounts**

- 1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
- 2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment. Credit. See calculations below:

Total Assessment Claimed d Value of Assessment Credit 3500, × 0.50 -150.º=

#### **Certification Verifying Statement of Costs**

#### I hereby certily:

that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

Ò, \_ I am authorized that as A on in Company) Ċ to make this certification  $Q_{1}$ claim •

1212 (8491)



Ministry of Northern Development and Mines Ministère du Développement du Nord et des Mines Geoscience Approvals Office 933 Ramsey Lake Road 6th Floor Sudbury, Ontario P3E 6B5

Telephone:(705)670-5853Fax:(705)670-5863

February 06, 1995

Our File: 2.15825 Transaction #: W9460.00239

Mining Recorder Ministry of Northern Development and Mines 60 Wilson Avenue 1st Floor Timmins, Ontario P4N 2S7

Dear Mr. White:

#### Subject: APPROVAL OF ASSESSMENT WORK CREDITS ON MINING CLAIMS 1189591 et al. IN GODFREY TOWNSHIP

Assessment work credits have been approved as outlined on the report of work form. The credits have been approved under Section 14 (Geophysical) of the Mining Act Regulations.

The approval date is February 06, 1995.

If you have any questions regarding this correspondence, please contact Steven Beneteau at (705) 670-5858.

ORIGINAL SIGNED BY:

for classif.

Ron C. Gashinski Senior Manager, Mining Lands Section Mining and Land Management Branch Mines and Minerals Division

SBB/jl Enclosure:

cc: Resident Geologist Timmins, Ontario

Assessment Files Library Sudbury, Ontario

1	MAP SYM	BOLOGY		•			
L L	Aeriał Cableway 🔔	Pipeline		W E			
	Boundary	(above ground)		<b>560 00</b>		70	
	Interprovincial · District, TounoNip	Double Treck	60 —	1		i del	<u> </u>
	Indian Roserro Approzimete	Abandonad , + +		10503 120463	2046367	Lottine -	-1-50667-
	Lot, Concession - Approximate	Road Highway, Caunty	_	P 1193849		OS ADOST	P 1190797
	Park Boundary Bridge	Access (road of daughtful ==== mointenance or	48 ° 32'	3073		-691.50- -1966.66- -907366	
	Read, Relirend Building	eignificant drivoway) Trail, Bush Road (portago alloy)	<b>٩26</b> 5		118K	595	17
	Chimney	Rapids Dauble line river		P 13074	- +	1-150801-	P 789586
	Contours 68	uith multiple rapido Duuble line river (Jaapido	537 5000 mN	the state of the s		-#5889 -897874	Hand I
	Approximate	Reservoir Annu (			750682	- P	
	Depression <u> </u>	River, Stream, Canal Approximate	•		-001500- -++-10000- 		1 7\$9563 Algoso - Pr 1 156639.4 So 1376 35
	Herisentel & 01774051 Verticet © 300 02	-fraction of flow	5	Prevess U		UNITS)	Paperte
	Gulvert <u>4</u> Falls	Significant + Shool (, )		TELETE	- 764864-		
	Deuble line river Jfraile Fance Hadae	Spot Elevation (take elevations) 300.0	40	1-11 891-18- 1	Pelopee	Palosta	P. 50
اهه در.	Visit Pesture Outline	Transmission Line			2	1<82	508973
	(Contraction foutures, 1 1 ore ) Flooded Land Frontier or State	Polas Pylans		(5-UNITS)			F.E
	Lock Ant	Tunnel			<sup>IG</sup> P 610296	ALC: Y	451641
	Mast 35	Wharf , Dock , Pier	بارا		   - 	y	308
	Mine Head Frame G Outcrop		ئر	27031	P 27888 <sup>3</sup>	27830	2/7 8 29
-		D-land use permit	30 <sub>1(</sub>	Perdetty	610297	P 410 424	P 410 4 4 336
	AREAS WITHDRAWN	FROM DISPOSITION		Paloses	1335 P 610667	P	
	M.R.O. – MINING RI			30		498595	11000597
۵	M.+ 8. – MINING AN	D SURFACE RIGHTS	ý		326		
	Description Order No	Date Disposition File		1 414745 "	<b>634744</b>	220	498988 325
'	AGRICULTURAL PU	APPLICATION FOR Irposes	. 20		¦ ` ₽:	 	
				P 630746	P634745	2280	P 815632
	CERTIFIED AGRICU SUBJECT TO SEC	LTURAL LAND - 26/8/82 41(1) of the mining act			+		
1	D - BONA FIDE APPLI	CATION	<b>d</b> :	P 68 47 47	-	ing	* 13042 30
•	B-Pandina S.P. Suca		T X	R5. 317			
,	Pauding phased	WAS, land Not open	• • 10	P 634748		*	634751
2***	Fi FILED ONLY AGA	15/85-83562R	ر ال				335
	ding balances .		· 00 ~	P 65.4755		2 634755	4/
	10000007		UR *			-T.A.	
5		, SALE OR TEASE,	<b>h</b>	P634756 m	+ + + -+ PD 634857	P634758	₩ 1 <sup>™</sup> 63 4759
٣	- AFCTION 3G THE MINING MINING AND SURFACE F	<mark>5 AGT R80 1980</mark> Rights Reopened Ing Out, Sale Jund Fase	316	. (	BD	36	1 119
	UNDER SECTION 36 OF SUFFECTIVE STAUGOS AT ORDER NO DP 04. 31 N	THE MINING ACT RSD 1980	5370000 mN			P	+
	PENDING APPLICATION UP	NDER THE PUBLIC LANDS ACT			1		
1	SEE LAND ROLL FILE FO	DR DETALS	SJ.	P. P.	P	P /	Nop324
	MINNE AND SURFACE FIGH STAKING OUT SALF OR LEN (7)	TS WITHDRAWN FROM PROCH GTING NSF UNDER SECTION 36-OF THE DER NO-W-14408 WATED 56 -MAR-II		634767 ×	- <b>634766</b>     	654765	13997 \
ъ. <sup>4</sup>			,	P			
- ^	Unper acction as of the	E MEN AGT REO 1880 17 7.00 cm E.S.T.	90		//~~~ <b>759</b>  /'	/ ****/70 ** // *	• • • • • • • • • • • • • • • • • • •
	CHICARE NO. 0			。 ····································		┥ ┥╻───────────────────	╵ ╪╾ <sub>┲</sub> ═╷╴╴
	v	t		414775	1 434774 1 519	454773	" 64 4772
			, ,	k	/ +	319	
			0, 480 20'	<b>***</b>	/P   634777	P. 634776	"034770
`			80	الا المراجع ال المراجع المراجع ا	-   		· .
			بىر	U 1	* 787028	P 634701 }	P.,634780
				1183892	1193435	<u> </u>	
			· ·	P.757820	787823	P 634782	1
			( ) )	A STATE	1032314	S is	
-				1987810-	707004	-16.52216	10
			536 7000 mN ( )	н <mark>езвер-</mark> р	- <del>1032315</del> / 70 {	120	453
	THE INFORM	ATION THAT		P	,,, 	(4 UNI	₩ ₩ 1 22
• ۱	APPEARS ON HAS BEEN FROM VARIOU	THIS MAP COMPILED S SOURCES,	i c	189769		(4 UNI - <del>757826</del>	TS) 1 <del>757027</del> -
	AND ACCURA GUARANTEE	CY IS NOT D THOSE STAKE MIN	5₽° <del>• •</del>		۰ ۲	1022310	/1032319
	V ISHING TO ING CLAIMS SI SULT WITH T	HOULD CON-		U 1 E	-		``
<u>.</u>	RECORDER, M NORTHERN	INISTRY OF DEVELOP IES, FOR AD		6000	2	<sub>و</sub> ا	I
Ø	DITIONAL IN ON THE STAT	FORMATION US OF THE		*			
<b>Y</b> I	· · - · ·						



2

:

•

					• •		•				,				
	ы -			L <b>4</b> 1		JA	MIESO	N TWF	<b>)</b> .						
/ S 	08 0-18		0 0 296		2.1	ō ₽ `````````````````````````````````	4	9. + ; Y	W.J.E.		<b>0</b>	1-1	30		1.0 11
P 537009	27882	27,001	1198976 10030	P 537017	The set	MOUNT	P 006420	River	<del></del>		R-		276	273	
	028	00r	Dom.	CL 4(35) PT 1		- Trade	1155087	118	8894			043,85		210	
<mark>ి 333 క28933</mark> త్ర	P 1 27444 • 334	2745 Tower	- I I I I I I I I I I I I I I I I I I I	P 528 934 5	S2 52 55+	355 MER	P-00,12.		S UNITS)				81 ,		لو
P tarrot						CL 4135	142200		286			1.13	280 ×	216	
.89°.	2041)	27865	27500 r • · ·	312				7089 /#\$\$682	1086204	1086206	12 1		; (		J {
P 5300 Q2	P	P. 585707	₹ • • • • • • • • • •	P-soseòe	-+	/ //(/	90966 1 UNITS)		P 1086203			aver			Natio
(_] ພີ່ ∥8950 <b>ຍ</b> ∕ີ ຫຼື	847489		871593 S	320 852866	318					e la	11	0 <sub>0</sub> ,			gami
·* 498971	P 585900	P 309 585703, 3181	1	P.sesodi-	Pares -	7 HEART-	" P 300	P 1686207	1 P 1086208	08620\$	P 28F	P	P	281	- Here
339			יידראו איז	<b>1</b> 5180(0 <sub>341</sub>			1035963				99259	1152620	1158627	1155628	
498 970 <sub>370</sub>	1 887673	<sup>P</sup> 546.200- B 3 3 17 9	* secote/   841594	P <del>*505002*</del> H 849444		10/21909 P	246746 633646		7	1900	00250	THE WEAT OF			F.S
<b>)</b> 		30' 		342 <sub>0</sub>				117640	1 176410 E		292,			11,54,54	
P 438964	<b>F<sup>P</sup>498974</b> 016	<sup>P</sup> 498976 M 307	459976 Sil	536590	N 5 821789	521780 301		744466 	1	96006	96007		5922	P 1154304 286	24 ~ ~
-Sieep		318	↓ ↓++					201	1176412				<b>↓</b>	р	
ARABES 306	, <b>530003</b>    , <b>f</b> al } , , , , , , , , , , , , , , , , , ,	539004		1 530006 W	1 1039/12		029714	······	744.400	202	96008	2 <sup>5 1</sup> 99219	99218	115430	5/4-
P 4989 66	1 Pseš70 8/	341 35 805705	515428	P 530007/	322 1 °P 630008		T P saeogé			PA, 1175984	[P 1176963	P			
, Δ ) , 35		<b>*</b> * )		324 B		10297i0	d192976	1176544	1176548 / C	2 292 0 J		292 1177804	н <b>77800</b>		289
330			- ← 33 <b>0 100</b> -		L'enes					P	+	p	P	1	265
332					318 7 9 18	1070717	1029718	119	09875	<b>39</b> 2	292	1177805	117 <b>7797</b>		
+ + + -) Reise40	) <u>816</u> 430	326 <b>518638</b>	1 DIBORT	51868 CO	N, 4 515636	and a	4	(4 ) 293 (6	the	P ( )	ρ	P 1 292)		NO NO	
	320	317	₩   				1 1029719 +294			11764/53		17780i/	· · · · · · · · · · · · · · · · · · ·		2
·516895 3/5	615620	0033	P.515643	P. 000705	L P setor		1 "50000 83 0000	<b>A36200</b> 293		* 704427 00 0 162	P 741484 192829-	53480	1182830	282	· (
- <b>396664</b> Keeley 	Loky		P.807933	611484	1441 25 Caronio	Pediton	949126	949/27 Pretere	991120	944124 P70000	Press	24214			289
06287		J. 19			19973×	838 27 099 252	889 2 51	203 797 100 009250	2 (1)	289248	889239		50505 287	98304	00500
"serve	P	P Aconda 567657	667 \$38	P	Pesselo B	443374	1298		+	P <del>641594</del> Beaver 25	A RAMEDE		1 999994	Р 98487 <sub>286</sub>	98485 <sup>21</sup>
8805060		32		CON	i≌3 ∑*	· 🖬 🎉	1049/.7	889247 293	889244   291	Dom 8892423	1 8 81242	96179			   _
2645301		p 44 27218	27215	834023	22325	Provins 03025	839230_	P <b>43404</b> ¥-	<b>Peg 7</b> 46	089 242 4444		292 <b>*</b> \$6047	1 96854	P 98609	P 98486 287
	880514	1 1 4 1 <sup>347</sup> , ,				11938	97								
838218	Forbes	19292 19292	19290	413643	22326		° 64-1698 -8382/28-	Tenzter-	190,985	14 UNITS)	Pe41608-	294 96848	9 <b>6853</b>	anne -	2000
Person	Loke			Parid	) ) ) ) ) ) ) ) ) ) ) ) ) )	6 U	ACCONT	7. t	89180- 	(4 UW (8)	5	P	P		
974588 A	(87151)	40252	· •	131738 936090	83326	017403-	833-40%	3 <u>1</u>				96649	96652   	96856	
P 505100		P61,4786	P ==	* <b>****</b> *	-		+		<b>++89</b>	STA			p 9 6851	P 96857	↓ ↓ ↓ 96858
0000 m	8/1678				1 834087		1014 1033,1405 996285	297 <sub>1</sub>	ie vi	<b>NS 11 298</b>	(13)				
•347 <b>•</b> 4		P 63 47 87 326	<sup>M</sup> 394664 /	Co Co	N 2 36803		7° 501008		6	5	5	P.	4		3 10 11
<sup>319</sup> — — + - +		·	-	635702	   	996983	996294		119 کے ۱۶	0984 INITS)			118143	6	ر ر ار
				<b>7\$8055</b>	<b>72546</b>	<b><del>67748/-</del></b> 1029701	1 102 1 02	29H		5111 37	R R				
PI834792	<sup>322</sup> <sup>6</sup> 34793		328	P 758063		725905		P 768 251	758992	P		· · · · · · · · · · · · · · · · · · ·			
326	-		029700			301	دهرد ۲		1		, ŝ	Ρ.	ЪĨ	1	j ,
P729300 \	P 701246	-+			P 758767	P 725904	+	H4587	1 *******	<b>4 U</b>	NTS 🚬	-	11895	82 19:4	) •••••
			1020699 Å	78			1 7. g' +	<b></b>	1 1	, , ,	``````````````````````````````````````		16 UI	IITS	
	Godfrey		·	75014°,CO	N.1 75 740	P750795	7 P 788794	P 758965	6 P 758966	P 758992	D\P 758993	' J . - <del>107<b>503</b>0</del>	4 ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	<del>}1034569-</del>	3 <del>084566</del>
				-1	322	×	•(	h	   +		 		×		
# 3 4 5 7 5 324	8345 pg	P 434797	192969 /	21159	21160		<sup>°P</sup> 726073	P 758968	P 758967	• 758995   	P 758994	- 	   <del>  075  28</del> 	- <b>1834568</b> 291	<sup>1</sup> + <del>1034567</del>
		342		<u> </u>			L		 	30					
	0°8 75		9 6	. ,	8	ЭЩ OO	7	2	6		ຊ 5	4	e M		3
	0 9					₿ BF	RISTOL	TW	P		•				

.

.





.



Ũ. <u>┲┈┟┈┲──┼──╝╌┧╌╗┶╘┼┼──Ĕ┎╌┟╌</u>┨╅┅<u>╒╢╴┾╤┧╫╓</u>╤┼─╗╢╴┼╼╦<u>┍╁┼╴╤</u>╔╌┼╼╬<u></u>╝╌┼╌─╝╴┼┤╴╝╴┦ Ĵ。<u>ੈ</u>Ĵ;**Ũ<sup>──┼┉</sup>ᢪᡛ:᠆┤ᠪ₦ᡶ᠋╡┼┉ᢓ╔**;┥**ᡋ**ᡫᢒ᠇ᡃᡣ᠉ᡦᡣᡕ<u></u>ᡰᢖᢆ;€i──┼──₿;┮┟ ╶╬╾┽┈╉╤ •GI 1. -3.4 1. -B.5 -C. 529.7 -71. -61.8 -14 ±37.≮` -18.7 311. +-216,6 **2**4. + -2)9.9 11.+-128.5 :0.+ 2.4 Э. ۵. - 5. - 4 J7. +45.9/ -0. -4.2 -1. -9.8 V22.7 (35. +-3866 E4. +-78 17. +-23.4 31. +-23 · 4. 🛉 - 6. Đ 29. 13 -0. -9.7 - 1ţi. + Э. 1. +-1.9 0; 1-12.5 28. +-30.2 10. ++34.4 12. ++25.6 16. ++23.5 16. ++29.1 0. 1.3 -7. -7.2 0.714 -8.4 1D. -4.3 - **3**. × -3.7 -4.;ŧ 100 5. 9. + 123.9 10. + 128.5 2. 1 -2.7 -10.7 5 -4-18.1 20. +-35.2 1. F-28.6 11. ++24.6 -31. +10.2 -5. --.î <del>\</del>8.3 8, - 11.9 0, -13. -1. 8. 8. ++23.2 ;4. -₩-28.8 -5.4 -1; -15.6 6. +21.2 24. + -34.6 -1115+-24.B -1.4 ŀ.g -3. -5.5 27. +- 0. 1 115 -161---19.4 18. +--12.2 16. + -26.6 18. + H.B 1. + -24.2 ·-28. l 5.: -59. +12.1 --13.4 ---18.4 --(. \ 1. -6.9 -4. 12.1 -50. -3.7 7. 417.8 f-11.8 -9, \-14.7 6. A-22.2 1.  $\frac{1}{1}$  -21.7 34.  $\frac{1}{7}$  -25)  $\frac{1}{2}$  5 $\frac{1}{7}$ .  $\frac{1}{7}$  -22.5  $\frac{1}{7}$  4 $\frac{1}{7}$ .  $\frac{1}{7}$  -23.1 --.26.9 7. 200 5. 6. 1-13. 1 13. 1-48. 2 14. 1-23.4 12. 1-24.2 61. 1-21.3 56. 1-24 31. 1-21.7 -12/1-23.9 -1.4-20.2 1. +-22.5 10. + 4 (1.5 -79. 1-3.2 10. 1-421.3 8 4+15.1 40 +-18 5 30 +-25 3 32 +-25 6 55 +-23.6/32 +-26/3 11 +6/3 B -16/4-21.7 11 +15.1 t +23.815. 29. +-3**1**.5 ·710.4 -18. +-1.2 -18. +-.2 24. 1413.8 54. 21 --25 \ 57. +-21.4 \ 49. --24, 1 24. +-26.5 21, +-16 -14++-16.6 14, +17.9 1. +19.8 0. 46.1 --21.5> **8**; ·27. -2.8 --24. +-15.1 ·27. · -11.2 17. -21.1 43. -·-19.,# 56. --21.3) 39. +-25-1 29. +-24.8 18. + -\$5.4 24; +-\$6.2 25; +-}8.2 9; +{18.5 4\$; +-18> 300 S. -73.5 14. +-21.8 28. +-18.B 13. +16.8 12. +17.5 21. +-34.4 23.7 K-23.8 12. +-30.3 ;•ተሊ • -17, 95.6 SZ. --24. B - 89. - 38. --23/2 5. 23.4 24. -21 3 18. *---*∦1.9 i≸. +-25.7 20. +-22.7 14. +222 15. +49.6 15. +17.6 15. +18.1 12. +24.8 -14 12.5 --69.7 -2 -21.6 - (ġ. -3, +-28(.3 10. +/23.3 15. +-23.6 11. +-22.9 17. +-21.4 4. +-22 11. +-3.7 4. +-18.9 7. +-19 1. +/24.6 /-47. +-90.6 4. 26.3 26. -6.1 -1,7 6. -20.5 11. -117.5 0. -19.9 2. -19.3 4. -24.5 . -19.6 1. -18 -5: -20.4 -2. -18.7 -3. -25.7 5. ·-65. -96.6 /23. --**)**1.7 µi. --24,38 H 19.1 18. · -20.2 11. +1-22.7 12. + f21 6. 400 5. 13. -12.6 5. -41.2 21. - 🔏 i. li 1/21.1 **#**-21.3 10. **#**-20.2 **T**. - Ş. 85. 11.8 ·21.1 -1BK --35 1/25.1 -19.1 6. -21.5 ---24.4 7. #-19.2 **ß**. 2. ----9 ·39.1 -25.2 - 5, (-- 20, 1 +-17.3 -32.7 -1. ---2.2.9 --18.5 3, **\-18.5** ÷2. -5. 2 -- ġ, --133. 15,8--66, -5.6 36. A-19.2 1. +-14.8 4. 4.13.8 -0, +-16.5 -190.3 4. 1 **EOO**S. -162. -94.1 26. 2, +-14.7 --21 9, +,-14.1 -9.4 15. -9.2 -104. -25.1 d, -17.7 -6, -15.2 9; +{-11.6 7. 1. 10.9 5. 1. 14.1 -0. +-14.7 5. -2\_1 -63. -5. #-12.2 -- 55.2 -7 --22.6 -6 1--17.4 -12.(+-15.5 -2. +-14.4 --8) --9. | 2.2 -105. +-117.6-24. +-20.7 -11. +-15.8 -3. +-11.7 4. 12.4 -3. 1-13.6 ---13.9 -4; 600 5 18.3 -184. +-110.4 (36. +-16.5 -14) +-15 ··25, -7.:# --12 12-1-12.9 -5. -11.1 3. -12.1 -1. -13.6 -1.) 15.3 -249. +-64.9 -30, +-7.8 -6. 4-12.2 -9.4-12.4 -2. -12.3 -6. --10.9 -1. +-11.5 -7, (+-13, 6) 19 20.5 -102. +1.4 ~ð 4**0**. H -5.0 -8.1+-9.3 -0. -11.5 -85 --12.9 5,9 -12. 4-1.1 54. +-18.3> is. --1). \$2.2---9.8 --11.5---9.6 -5. -11.4 -9. -11.4 -4.:#--11.6 -103+-12.7 700 S **9);** -16.3- 69. -- 53.97 29. --11. 12. -/10.6 9. 73 --10 -112 +--11.8 -5. 4-12.2 -9, 1+-10.8 -4. -15, -17.3 44.--25.1 28. 12.9 **-0.**1 -54 --g -12.7 Э. 7. + 5.1 0. 4-6.9 -11.5 -9.6 -3. ; -1) -12.7 -285 --14 17. - 3. /- 13.8 - 1. 6. - - 5. 1 -78.2 -6.5 7. 3.5 11. 13 -544-8.6 -17:78 -60. 411 -5.5 -12.(+-14.8 2. -6.2 2. -5.2 -5.6 -7.# --8.9 1. -8.1 · 6, j -6.B 3. 800 5 -50. ·B.3 4.9} -10,/ -7.9 -5.5 B. 8- 4.1---Z. -.7 --6.7 -?//+-@t#-!--@t;;;;+-!#:6!+th;;+=@t;:-\*=?;-+=?;-+=?;-\* 4 -1.2 · 5. 1. - 4. 3 19. 7 3 -117. + 14-4 -63. +11.1 -17. -5.4 3. -5.4 -4. #-7.1 -7.4-7.1 -0. +-6.7 -174+-8.5 -7.4-8.3 -19.4-11.6 -1.4-9.6 -9.4-6.4 ß -4. -7.1 -11 +-8.7 - 20 33.7. -129. -19.2 --6.9 -5.5 -9.9 6. - - - 7. 5 11. 4./3.1 -141, 1. #-6.7 -10,,}÷ ~-5"B ---7 -8.M 4. -5.1 -131 -14 -6.6 51.9 -190. ·L**İ.8** -5. -5.6 4.7.2 -5. -7.5 -12.(+-6 n. **#**-9.1 8.44-5.5 -83. --.5 --74 -10. 11.3 -1.8 --8. | 900 S -18 · 6.3 4.8 10. -117 -5. 5 -2.2 7. -9.4-3.7 -16 -3.9 -10,4-7.4 -144-6.8 **WLF PROFILES** -9. -5.5 10. -. 1 8, i -5.3 --9. ---8. 3 13.8--5.3 34. -54. -6.ff.9 Б. Ei. > F5179 +Z:/9 -19 -10.5 -12 -5.2 11. +}2 -12 4 -2.9 1. : · 1.8 -16 +-3.7 11. 2.9 -6.4 1 cm. + 50 Z -811. +27 5 -6. ---5 4. 17.8 Ei. ₩-5.1 **-.1** -7. -7. -16. -16. -HICK S. -9.1-1.7 -20, -3.8 8. #.3 -3./ -4.8 10. +43.4 -5. [+-4. 5 - PRIFILE + 11. 1. 1. 4-7.6 -5.5 --256. -50. +2. 9 5. +9**1.**ŀ∽ 3. ∯-2 -12 --5.4 -7.} .g 5. - 11. 5 -0. -1-1 12. -9. -1.5 <sup>1</sup>1.9 --8.14-5 2. 4-7.1 \_\_\_\_ IP POSTING D ..... 1. **f**-1.3 5. -5.4 -221. +113.8 9. \$21,3 3. -2.2 -12.4 -8 9. 11 10. 6. ¥Z.9 43 -80. +99.4 (44, +30.2 -7.**#**3.1 -9, 1 -.5 -6. --1, 8 1. +-7.1 -124 ŀ-.t -5.3 4. 4 -1. 🗗 🛛 2. - - 2. 2 3. ∯-3.8 4.骭.5 14. -13/ -.3 -12 +-.2 -1. +-7.1 -13543.7 -8.11 --7.4 3. 4 -4.6 11.00 S. -10.4.7 2. 🛉 - 2 2. - 1.8 9. 11.3 15. 1.1.2 -13 +-6.6 -1. -1. 1

11.00 S.			+-6.6 4. +-5.5 2. +-4.9	75 - 97
	10 + 19.3 - 20. + 23.6 - 10.4 + 3.8 - 11.7 + 1 - 17.7 - 12 + .9 - 2.8 - 2.1 - 2.1 - 0.4 - 2.1	-9.6-1.4 1141.3 -9.	$7^{-3}.2$ 1. $7^{-5}$ 5. $7^{-3}.8$	5 -75 -17
	-1151.92 -12/ -36. 1 -3197.5 -32.5 -112.5 -3 2 6. 0 51.3	-7. 4 10. +1.7 -9.	-3.1 D4.5 43.8	
1200° S	-140. + 141.9 - 20. + 39 441. + 118.8 - 9. + 3.6 - 13. + 2 - 3. + 5 - 5 - 6. + 0 - 7. + 0		-3.7 -14.5 13.7	> > <sub>50</sub> 1 <sub>-25</sub>
	-139. +146.1 -29. +42 > 100. +55.6 -77.5 + 3.9 -16(+.3 -6.9 -1.1 -3. +1.1 -9. +1.3 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -			NIMA CUTLER, ME 24 May
	-168, +101, 9 - 84, +49, 6 $326, +03, 5$ $-2.75$ $-3.13.7$ $-3.$	-19, -1 9, -11 -14	<b>+ -3.7</b> -7. <b>+ -5.2</b> 2. <b>+ -2</b>	INSTIBUIENI = EN 16
1300 S	-346. +255.7 -28. +44.9 52. +126.8 < 2. +10.3 -9. 5.1 5. 5.1 5. 1.3 71.8	-10111.5 -14.	-4.2 -124-5.7 01.7	
	-234220.3 -5055 94131.5 2. 12.1113.5 87.4 11.2 61.1	-101.2 1111 -14.	+-3.1 -15 +-5.7 -11.9	RECEIVED
	-84. + 172.3/-46. + 61.4 71. + 165.4 7. + 12.1 + 8. + 5.4 6. + 66.6 5. + 11.6 12. + 1.9	-3. 11 9. 15 -13.		
1400 S	9. +192. ( -59. +71.9 , 50. +193.3 - 3. +11.8 -0. (15.0 a) [0.0 a)	-5. 7.9 91.8 -18	T-2.3 -4. T-2.6 6. Pu	<b>JAN 3</b> 0 1995
	135213(5 -60. 27=0 17141.9 -811.8 -316.2 5. 9.6 107 82.5	-7, 1.7 112 -21.	-6.1 -21.2 -31	
•	1	-16(2 118 -10.)	+.1 -5. +-1.6 -7. +-1.1	MINING LANDS BRANCH
1500 5	-3.4 - 3.4 - 3.7 + 55.7 7.7 + 215.6 - 9.1 + 13 - 10.7 + 61.9 - 7.7.6 4. + 5.3 8. + 4			
1000 0.	-2.6 $-50.+61$ $-1.35+193.6$ $-9.+12.7$ $-175+13$ $-9.7+9.7$ $-3.+3.9$ $-3.+3.9$ $5.+3.9$			· 15825
	31 -1 -11111111.	-4. 1.B 13. +3.6 -3.	16 -D. <b>-</b> .3 -4. <b>-</b> .3	
	73 -5077.2 -60241.1 -15 - 12.9 -207.5 -6. 5.9 -14.7 12.8	-6.4 149.2 -10.	±2.6 -∋. <u>+</u> .4 -€. <u>+</u> 0	
1600 S.	7. $10^{-5}$ $50^{-5}$ $7^{-10}$ $10^{-2}$ $10^{-10}$ $10^{-10}$ $12.2$ $27^{-10}$ $17.1$ $-7.1^{-10}$ $13.7$ $-1.1^{-2}$	-1617.5 6, $-161.9$ $-11.1$	+l.5 -335, -6, -0	
		-194 - 9.7		
	2 4 -77 - 68 -451 379.5 -11 30.7 -21 3.1 - 17 4.6 - 11/ -2.5 -42.7	-9 { + - B		
1700 S	1. 1.4 -99. +68.3 -687. +457.8 -466. +8.1 -35. +6.2 -21. 1.4 -17. +.7 -5. +3	-11.1		
	-6, -0 $-106, +70, 3, -789, +497, 67, 45, +5, 8, -43, +3, 3, -30, +-1, 3, -22, +-1, -9, -70, -2, -4, -5, -2, -4, -4, -4, -4, -2, -4, -1, -1, -1, -2, -2, -2, -4, -4, -4, -4, -4, -4, -4, -4, -4, -4$			
	-3 -7 -149 -75.4 -492 -406 -447.5 -425.4 -16 -3.9 142.9 123.2	6.1.6		
		3. 13.9	ومراوبة المراد المراوية والمراوبة والمراوبة والمراوبة والمراوبة والمراوبة المراد المراوبة المراوبة والمراوبة والمراوبة المراوبة والمراوبة	
	-4.4 - 72.61.9 - 30.61.72 - 40.18.4 - 28.8.2 - 15.14 - 26.5.6 - 20 6.2	6.)-92.9 4 -99.05	Informat Hatta	Andreas II
	1, 10 -26, +61.5 251. 770.3 -2.5 111.0 -7.5 3.4.2 - 20. 42. 13. [3.7 1.4.5]	-13 -13	Laiviest - neikle -	nnaerson J.T.
1900 S	-1.4.1 -2151.9 61160-0-9.4 11.5 -FL, 4.3 -00 21.1 36	-14 1.5	6odfrey To	white
	7. $-10$ 47. $+51.5$ $+182$ $+304.1$ $-16(+14.3)$ $-17(+5.2)$ $-3.4$ $-7$ $-4.5$ $-1.5$ $23.+5)$	-13/+.4 odi.ku a		
	-1. + 1 - 152 + 44.3 - 116. + 270.9 - 20. + 15.2 - 3. + 3.0 - 2. + 4.6 - 10. + 3.1 - 16. + 4.8 - 10. + 3.1 - 16. + 3.1 - 17.1 + 17.3 - 8. + 34.7 - 9. + 8.6 - 5. + 5.5 - 15. + 4.8			
2000 S.	33 - 21 - 216.6 -10 - 11.9 -9.4.3.5 167.7 410 92.6		Godfrey Wes	st Gräd
	101;			
	SCALE 1 : 5000			vey
		l .		
			D. Laforest Explora	tion Services
1		l	January 26h,	1993
د. در سرو سی کر <b>اور اور</b>		وجي جيمه اوريا جري گري خريم دون خاط خان ميديد وي ويد وي		الم حد ال ي بدا الم جود مع بران بزند عنا لاخ برو عام ويد بران بزار الم، بذا الم عل الد هذا ا

230

50 T 25

7

۵.	1. 13.6 + 72. 64.4 + 25. 3. 47161.8 -14.	00 W 900 W 800 W 700 W , 160t3 t = 6; 17.6; + 8, 1.3; + 4, -6; 137.4; 0. 2.4; 54; 18.1	600 W 500 W 400 N e	300 W 200 W 100 W 0 9 <del>6 18.7 30 30/1 25 49.7 6. 1</del> -35.4 7 31 - 7 6 24 29.9 11 28.5 8 29.7	
100 S.	3. $3.5$ $47. +45.3$ $29.$ 0. $1.3$ $10.$ $10.$ 2. $2.7$ $-31.$ $10.$ 2. $2.7$ $-31.$ $10.$ 2. $-2.7$ $-31.$ $10.$ 2. $-2.7$ $-31.$ $10.$ 2. $-2.7$ $-31.$ $10.$ 2. $-2.7$ $-31.$ $10.$ 3. $-5.4$ $-72.$ $.9$ $-3.$ 5. $-7.7$ $-59.$ $-12.1$ $1.7$ $7.$ $-72.1$ $-50.$ $-3.7$ $7.$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	7 $3538.6$ $1428$ $1723.4$ $3128$ 2 $10434.4$ $1225.6$ $1623.5$ $1629.1$ 2 $1029.6$ $1324.6$ $923.9$ $1029.5$ 6 $-1324.8$ $823.2$ $428.8$ 6 $1644.8$ $124.2$ $522.5$ $-1.4 -28.8$ 6 $1614.8$ $124.2$ $522.5$ $-1.4 -28.1$ 5 $4719.6$ $-4.7 -25.1$ $6.8 -20.8$ $-5.6 -26.9$	X
200 5.	10 11.5 - 79 3.2 10. 15 10.4 - 18 1.2 23. 9 6.1 18 2 24.	+121.3 6 7 13.1 13 + 18.2 14. +23. +-31.5 8 +15.1 10 +-18.5 30. +-25. +-41.2 8 +113.1 54. +-21.5 49. +-25	4 12. +-24.2 61. +-21.3 56. +-24 3 \$2. +-25.6 55. +-23.6 37. +-26 57. +-24.4 49. +-24.8 25. +-26.	31. + 27.7 - 12/ + -23.9 - 420.2 + -22.5 31. + 23.8 - 16/ + -21.7 + 15.1 + -23.8 521. + -16 - 145 - 16.6 + 16 + -17.9 + -19.8	
- 900 S	-272.8 -2015.1 27. -111 -1730.3 17	-44.2 1721.4 4319.5 5821. -95.6 5222.1 2923.7 3923.	3) 3925-1 2924.8 1325. 2 523.8 1223.5 1321.	4 24 16.2 25 18.2 9 (18.5 43 18) 8 21 18.B 13 16.8 12 17.5 21 23.4	
400 5.	$\begin{array}{c} -6. & -1.7 & -17. & -90.6 & 4. \\ 5. & -2. & -65. & -36.6 & 23. \\ 13. & -1.5 & -17. & -12.6 & 5. \\ 85. & 11.8 & 99. & -27.1 & -18. \\ 85. & 11.8 & 99. & -27.1 & -18. \\ -133. & 5.8 & -65. & -5.6 & 16. \\ \end{array}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	9 13. $-25.7$ 20. $-22.7$ 14. $+22.7$ 6 15. $-27.9$ 17. $-21.4$ 9. $-22$ 2 18. $-27.7$ 12. $-21.4$ 9. $-20.7$ 1 5. $-21.3$ 10. $-20.2$ 4. $-19.7$ 5 $-2.$ $-24.4$ 7. $-19.2$ 3. $-18.5$ 9 $-5.$ $-18.5$ 3. $-18.5$ 7. $-17.$ 8 1. $-14.7$ 17. $-11.5$ $-6.$ $-16.$	$13, -19.6  8, -17.6  12, -718.1  12, -724.8 \\ 19, -3.7  4, -18  9  7, -19  9, -724.6 \\ 5  11, -17.5  0, -19.9  2, -19.3  4, -724.5 \\ 6  6  -18  -5, -20.4  -2, -18.7  -3, -25.7 \\ 7 \\ 3 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5$	A FN
500 S.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	7 4 6 6 6	
700 5.	$-1.3 + 20.5 - 102 + 1.4 = 5.4 \\ -0.54 - 2621.0 = 54. \\ 50.7 - 16.9 = 5933.9 - 29. \\ -17.3 = 4 - 25.4 - 29. \\ -17.4 = -25.4 - 29.4 \\ -17.4 = -25.4 - 29.4 \\ -17.4 = -25.4 - 29.4 \\ -17.4 = -25.4 - 29.4 \\ -17.4 = -25.4 - 29.4 \\ -17.4 = -25.4 - 29.4 \\ -17.4 = -25.4 - 29.4 \\ -17.4 = -25.4 - 29.4 \\ -17.4 = -25.4$	-18. 7 738.8 -119.6 -511. 18. 7 738.8 -119.6 -511. 11.1 1210.6 93 -410	8 -9.7+-9.3 -0.7-11.5 -8.7+-12. 4 -9.7-11.4 -4.7-11.6 -10.7+-12. -11.7-11.8 -5.7-12.2 -9.7-10.	9 7 8	L
900 S.	-1 -12.7 -89 -11 17. 41 -12 -605.5 11 14 -12 -605.5 11		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	╎ ╎ ╎╴┨╌╍┛╠╦┍╆╼ <del>┥┨┍╔</del> ╞┙╼ <del>┦┨╴╗┝╼╣╠╴╠╸┍┉╗╔┍┍╅╼</del> ┾┨╺┖┢╸╌┈╫╸╼╆╴╸┖╗	
200	-14111.4 -6311.1 -17. -14133.7 -12910.2 -36. -13151.9 -13019.0 -93.	5.4 35.4 -9.46.447.1 3 16.7 -105.B57 555.6 -146.687	-77.1 -06.7 -17 -8.5 -86.9 -47.1 -11 -6.7 -107.2 -57.5 -12 -6	-77.8.3 - 19(11.6 - 14.6 - 1973) $45.5 - 20(9.3 - 67.5 - 1473.1)$ $177.8 - 99.1 - 9.1 - 9.1 - 9.5.5$	
	-11/251.9 -6054.0 -2. 451.2 -5054.0 -2.		-11, -8.4 -97.1 12.9 -14, -6.8 -95.5 104	12. 5.2 5. 5.8 12. 76.1 7. 7.5.8 8. 5.3 -98.3 56.8 65.3	VILF PROFILES
bac <u>5</u> .	-256. 91.0 -50. 25 9 L1.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$5 -12 -5.2  1112  17.4 \\ -16 -6.1  83  -34.1 \\ -01  32  -17  -5.4 \\ -15.4  -$	11 2.9 -65 47.8 85.1 10 3.454.5 47.6 55.5 121.9	1 cm. # 50 % - PRIFILE + 10 pretium ra
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-3.1     -9.    5     -12.    5     12.       -3.7     -8.    3     -12.    2     -1.     0       -3.6     -10.    7     -17.    7     -4.     -4.	91 32.2 -128 33.8 22.2 45 22 21.8 91.3	103 -61777755717777777777	50 ] 25 75 - 117

2

