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**GEOPHYSICAL REPORT ON THE
REFERENDUM PROPERTY**

N.T.S. 82F/6W

Latitude 49° 23'N, Longitude 117° 20'W

FORTYNINE CREEK AREA

NELSON MINING DIVISION

SOUTH-CENTRAL BRITISH COLUMBIA

LOG NO:	NOV 02 1993	RD.
ACTION:		
FILE NO:		

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

23,084

by

D.G.F. Leighton, P.Ge., F.G.A.C.

December 15, 1992

Owner: T.E. Cherry
Operator: Formosa Resources Corporationm

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REFERENDUM PROPERTY

SUMMARY

1. The Referendum Property is a gold-silver-copper prospect located in the Fortynine Creek area south of Nelson, B.C. The claims are within an active mining camp involving numerous players.
2. The property, as presently configured, consists of 20 claims (109 units) all owned by Mr. T.E. Cherry of Nelson, B.C.
3. Formosa completed grid controlled geochemical surveys over much of the property in 1988. Subsequent years saw follow-up work, including back-hoe trenching and diamond drilling, focused on various targets arising out of the geochemical surveys.
4. Work done in 1992, the final effort by Formosa under terms of its option with Mr. Cherry, included a small backhoe trenching program and a VLF-EM survey centred on the Referendum claim area.
5. The geophysics proved potentially useful in tracing structurally controlled gold mineralization in the Referendum claim area. Furthermore, this type of geophysical survey would augment surface mapping by helping to trace different rock units in areas covered by overburden.
6. An anomaly was identified that warrants follow-up examination. If this (weak) conductor corresponds to a gold-quartz vein, the geophysical survey should be extended in a southerly direction.

INTRODUCTION

This report describes the results of a geophysical program carried out for Formosa Resources Corporation. at intervals between September 8 and October 6, 1992 on the Referendum property south of Nelson, B.C. Work consisted of a grid controlled VLF-EM survey comprising 1301 stations along 12.63 line-kilometres. An EDA Omni-Plus instrument was employed to take field measurements over a relatively small area (0.329 km²) with potential for fault controlled gold mineralization. Data was processed using Geosoft Mapping System software developed by Geosoft Inc., Toronto.

HISTORY

The Fortynine Creek area has undergone periodic exploration work since late 1880's and has seen minor gold production from a number of placer and hard rock prospects.

Formosa has been an active player in this camp since 1988 when it acquired options on the contiguous Gold Hill, Player and Referendum properties.

Mr. Cherry, owner of the Referendum Group, has excavated auriferous quartz, some of which has been sold to the Trail smelter, from the Referendum Claim at various times over the past few years demonstrating the economic potential of the property.

PROPERTY

Location and Access

The Referendum property is located 10km southwest of Nelson, B.C., straddling Fortynine Creek. Geographic coordinates of the claim block centre are Latitude 49° 23'N, Longitude 117° 20'W.

Access is provided by an network of logging roads. The eastern portion of the property is best reached via road from the community of Blewett; the western part, including the area covered by the present survey, via the Bird Creek road above Bonnington Falls.

Physiography

Relief is moderate with elevations ranging from 1745 feet at Kootenay Lake to over 6000 feet near summits of local mountains. Vegetation consists of mixed evergreen and deciduous forest, much recently logged. Undergrowth is

dense in some places, especially on the eastern slopes of Fortynine Creek.

CLAIMS

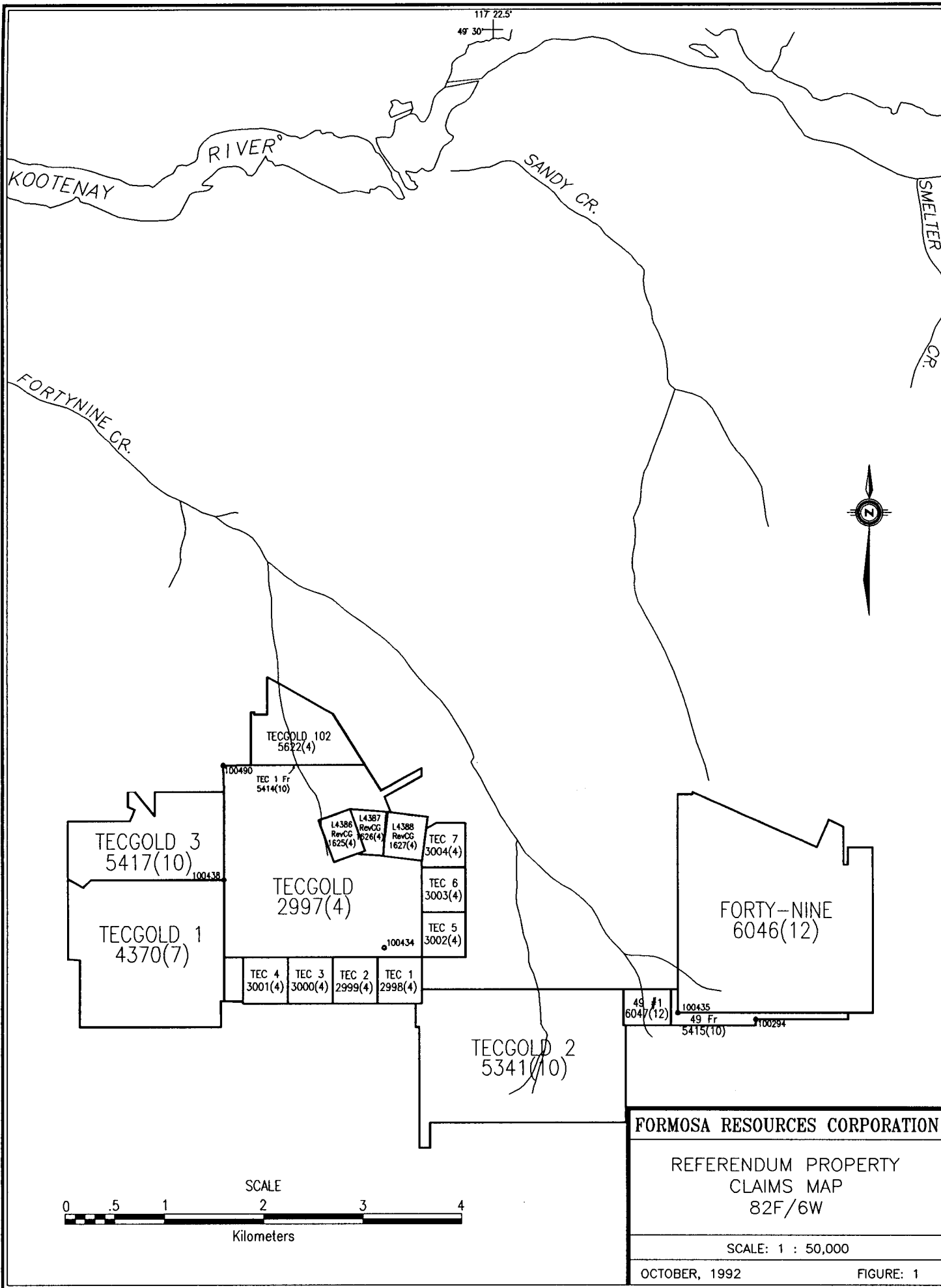
The Referendum property consists of the following claims, all owned by Mr. T.E. Cherry of Nelson B.C.:

Name	Units	Tenure No.	Expiry*
TECGOLD 2	20	233921	10/08/1995
49 FR	1	233970	10/11/1995
#1 TEC FR	1	233969	10/18/1995
FORTY-NINE	20	234548	12/14/1995
TECGOLD	16	233098	04/08/1996
REFERENDUM	1	232884	04/08/1996
KATIE	1	232883	04/08/1996
GOLDEN CROSS	1	232885	04/08/1996
TEC 1	1	233099	04/08/1996
TEC 2	1	233100	04/08/1996
TEC 3	1	233101	04/08/1996
TEC 4	1	233102	04/08/1996
TEC 5	1	233103	04/08/1996
TEC 6	1	233104	04/08/1996
TEC 7	1	233105	04/08/1996
TECGOLD 100	6	234126	04/21/1996
TECGOLD 102	16	234128	04/25/1996
TECGOLD #3	9	233971	10/13/1996
49#1	1	234549	12/14/1996
TECGOLD 1	9	233089	06/13/1999

GEOLOGY AND MINERALIZATION

The area south of Nelson is predominantly underlain by volcanic and sedimentary rocks of the Jurassic Rossland Group and lower Cretaceous granitic rocks of the Nelson batholith. Rossland Group rocks are exposed in a broad arcuate belt, which is bounded to the west, north and east by Nelson granites, and is in fault contact to the south with lower Paleozoic rocks of the Kootenay Arc. Rossland Group rocks are intruded by subvolcanic stocks and plugs, by numerous small, irregular stocks of Nelson granite, by apophyses of the Nelson batholith and, locally, by Eocene alkalic Coryell intrusions (Höy, pers. comm., 1990; Höy and Andrew, 1988; Little, 1960).

* Upon acceptance of this report



The Rosslund Group has been subdivided into three units: a lower, highly deformed sequence of fine grained clastic rocks assigned to the Ymir Group and Archibald Formation; an intermediate unit formed predominantly of volcanic flows and pyroclastic and epiclastic rocks of the Elise Formation; and an upper sequence of weakly deformed sedimentary rocks comprising the Hall Formation (Höy and Andrews, 1988).

The Ymir Group and correlative Archibald Formation consist of interbedded siltstones, sandstones and argillites that locally contain thin, impure marble beds and grit layers. Thin basaltic andesite flows or sills occur near the top of the succession and the contact with the overlying volcanic dominated Elise Formation is gradational. Strata mapped as Ymir Group are in excess of 900 metres thick; the Archibald Formation is estimated to be at least 1000 metres thick. Microfossils collected from rocks of the Archibald Formation indicate an early to late Sinemurian age (circa 200-210 Ma.) for these strata (Höy and Andrew, 1989a; Little, 1960).

The Elise Formation is characterized by a series of interfingering lenses of massive to brecciated augite porphyry flows, fine grained tuffs, crystal and lapilli tuffs, sub-volcanic feldspar porphyries and minor epiclastic deposits that pinch out both laterally and vertically. Despite facies changes, the Elise Formation can be broadly subdivided into two members (Höy and Andrew, 1988; 1989a; 1989b). The lower Elise member primarily includes massive augite porphyry flow breccias, flows and coarse blocky pyroclastic rocks. Thin, shaley interbeds are present at the base of the succession and thin tuffaceous beds are locally present throughout the sequence. Up-section, strictly augite-phyric rocks give way to augite- and feldspar-phyric flows and flow breccias. The upper Elise member consists mainly of intermediate pyroclastic rocks, minor epiclastic rocks and some mafic flows. Light grey-green, fine grained feldspathic tuffs, coarse feldspar crystal and lapilli tuffs and tuff breccias are the most common lithologies present (Höy and Andrew, 1988; 1989a; 1989b). The lower Elise Formation is estimated to be at least one kilometre thick; the upper Elise Formation is up to 2.5 kilometres thick (Höy and Andrew, 1988).

Subvolcanic intrusive bodies up to 400 metres thick and conformable with stratigraphy occur within the Elise Formation. These intrusions (including the Silver King) are porphyritic, characterized by 20 to 30% euhedral plagioclase phenocrysts up to one cm in size, less than 5% hornblende laths and a few percent resorbed quartz phenocrysts in a fine grained light grey to green matrix (Höy and Andrew, 1988).

The Hall Formation, youngest member of the Rosslund Group, generally conformably overlies the Elise Formation. It is

at least 1400 metres thick and comprises a lower coarsening upwards succession of black argillites, siltstones, grits and conglomerates overlain by interbedded siltstones and argillites (Höy and Andrew, 1989a).

Southwest of Nelson, near the mouth of Fortynine Creek, rocks correlative with the Jurassic Bonnington Complex intrusion crop out. This body, previously mapped as pseudodiorite, is better described as a metamorphosed, zoned diorite/monzonite/syenite intrusion. Locally this body consists of medium grained hornblende-biotite-feldspar diorite with a well developed gneissic texture; elsewhere, medium-grained biotite-chlorite monzonites and syenites are exposed.

Plutonic rocks associated with the Nelson batholith intrude, and are marginal to, Rossland Group strata. Both nonporphyritic medium grained, biotite and hornblende granodiorites, and fine grained diorites with plagioclase and hornblende phenocrysts are present as small stocks intruding Rossland strata; porphyritic granites and granodiorites are the dominant lithologies in the main batholith, marginal to the Rossland rocks (Höy and Andrew, 1988; Little, 1960). Lamprophyric and dioritic dykes of probable Cretaceous to Tertiary age are also found locally. Small Tertiary (Eocene) stocks of shonkonite and syenite, correlative with the Coryell intrusions, are also present.

The structure of the Nelson area is dominated by northerly trending tight folds and associated shears, with intensity of deformation increasing towards the east. The main map-scale structure in the area south of Nelson is the Hall Creek syncline, a tight, southwest plunging fold that exposes Hall Formation rocks in its core and Elise and Archibald Formation strata on its limbs. To the northwest of the exposed core of Hall Formation rocks, the syncline apparently gives way to a zone of intense shearing, more than one kilometre wide, that is informally known as the Silver King shear. Folding and shearing affects rocks of the Rossland group, including the subvolcanic feldspar porphyritic intrusions, but predates intrusion of the Nelson granites. West of the Hall Creek syncline and the Silver King shear zone, in the Fortynine Creek valley, is a northeast dipping, overturned listric normal fault, referred to as the Red Mountain fault. It is believed to be slightly younger than the main period of folding and shearing, but is also truncated by granitic rocks of the Nelson Intrusions.

A variety of gold, silver, copper, lead and zinc vein deposits as well as molybdenum deposits occur in Rossland Group rocks or the intrusions cutting them. Many of these deposits are past producers, with activity dating back to the late 1880's; since that time more than 16,750 kilograms of gold and 190,000 kilograms of silver have been recovered

from the area. Mineral occurrences in the Nelson area can be subdivided into four main types as follows (modified from Andrew and Höy, 1989; Höy and Andrew, 1989a; 1989c):

- I classic calc-alkaline porphyry or stockwork copper (or copper-molybdenum)
- II skarn molybdenum, copper, tungsten, gold
- III vein gold-silver-copper or vein gold-silver-lead-zinc
- IV "conformable" or shear zone related gold-copper (and/or deformed alkalic porphyry gold-copper)

Vein deposits (Type III) are widely distributed throughout the area; many have a preferred structural orientation, parallel to bedding, foliation, AC jointing or extension joints (Höy and Andrew, 1988). Vein mineralogy appears to be associated to host rock lithology: gold-silver-lead-zinc veins are mostly found in metasedimentary rocks of the Ymir or correlative Archibald Formations and adjacent to, or within Nelson granites; copper-gold veins are commonly in Elise Formation volcanic rocks, usually in or near shear zones (Höy and Andrew, 1989a).

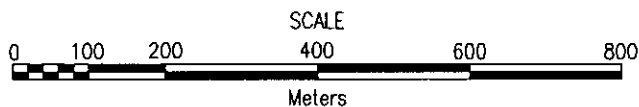
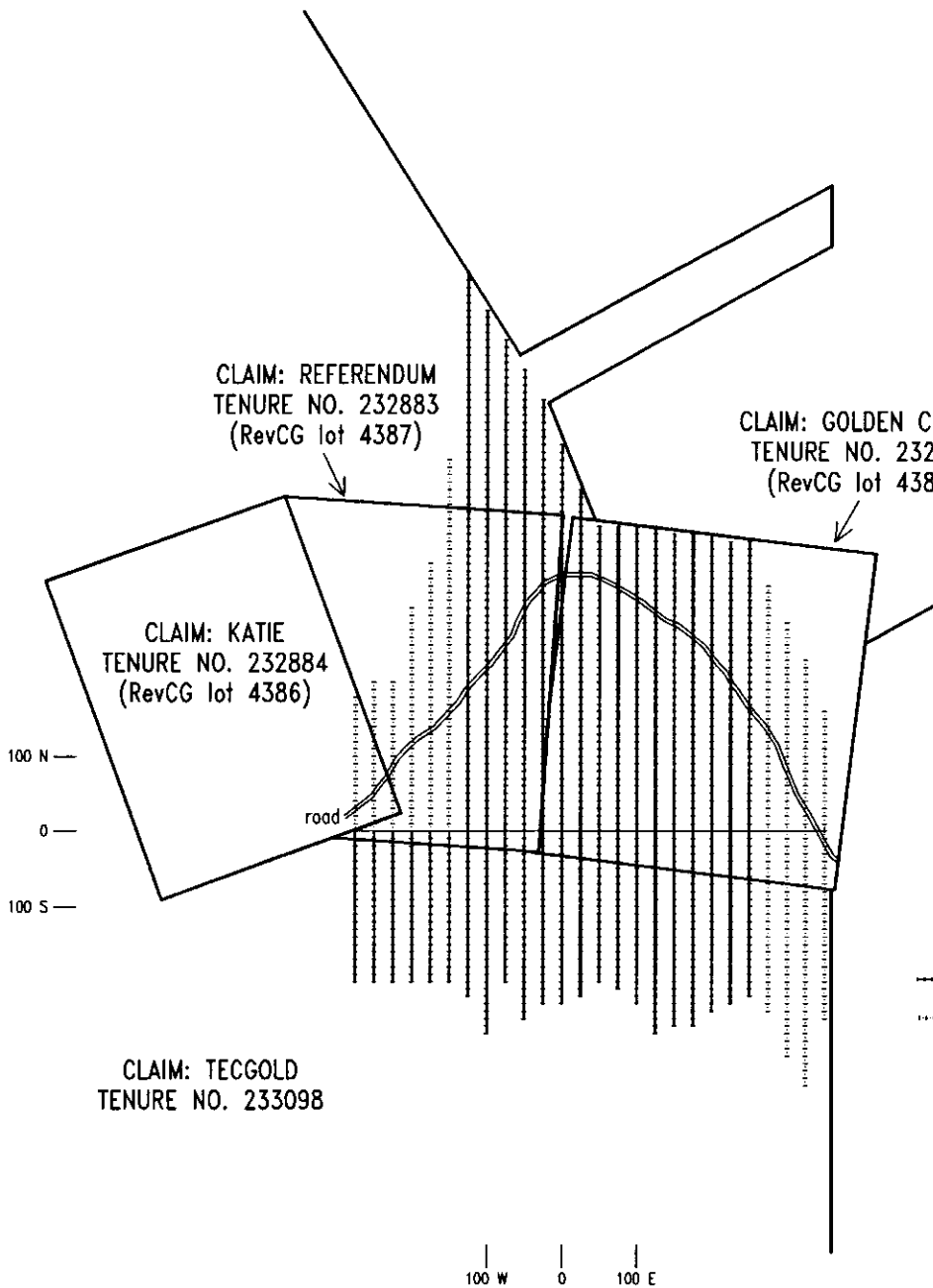
"Conformable" gold-copper deposits include a variety of showings that are either conformable to foliation or bedding within the host Elise Formation and are sheared or foliated along with the host rocks. They appear to be related to synvolcanic intrusions (including the Silver King porphyry and Bonnington intrusions) and all have extensive alteration halos (Höy and Andrew, 1989a). Two main types of alteration have been noted: one is a dominantly green chlorite-epidote-carbonate-magnetite assemblage; the other, a bleached white quartz-carbonate-sericite-pyrite association. In some areas, potassic alteration (development of secondary potassium feldspar) and argillic alteration (kaolinite after feldspar) have also been noted (Andrew and Höy, 1989; Höy and Andrew, 1989a; 1989c; Höy, pers. comm., 1990). Recent work suggests that these showings may represent the deformed equivalents of early alkaline porphyry gold-copper deposits and may be related to less deformed equivalents

GEOPHYSICAL SURVEY

Area and Control

The surveyed block (see figures 1 & 2) is situated west of Fortynine Creek and southwest of the City of Nelson in south central B.C. It is centered over 49° 25'N and 117° 22'W.

The survey invoked parts of a geochemical grid established by Formosa crews in 1988. In preparation for the work a portion of this old grid had to be re-chained and re-marked



FORMOSA RESOURCES CORPORATION	
REFERENDUM PROPERTY VLF SURVEY GRID LOCATION 82F/6W	
SCALE: 1 : 10,000	
OCTOBER, 1992	FIGURE: 2

since nearly all of the original flagging had disappeared (or faded beyond recognition). The area involved (16.7 line kilometres) is indicated on figure 2.

As indicated (figures 2-4), the base-line, running in a east-west direction, is cut by 26 cross-lines at 25 metre intervals. Stations are spaced 10 metres apart.

Survey System

The OMNI-PLUS is an integrated Proton Precession/VLF-EM instrument that simultaneously measures both VLF and magnetic parameters. This instrument, designed and manufactured by EDA Instruments of Toronto, Canada, allows simultaneous collection of in-phase, quadrature and field strength components of a VLF-EM signal (in percent) and total field magnetometer data (in gammas). Provision is made for recording data from up to three stations.

This type of survey, utilizing fixed government communication transmitter stations, tends to detect long strike length and/or surficial poor conductivity sources such as swamps, creeks and rivers. Conductors that are optimum coupled with the primary field will usually predominate over those with other strike directions. In some instances anomalies will be produced by variations in topographic relief.

Three VLF stations were monitored (in part) namely, NPM (Lualualei, Hawaii @ 23.4 kHz), NLK (Seattle, Washington @ 24.8 kHz), and NSS (Annapolis, Maryland @ 21.4 kHz).

The VLF-EM survey relied on the Seattle station (24.8 kHz). Although not ideal considering strike directions encountered on the Referendum property, this was the only transmitter consistently operational during the time available.

Seattle (24.8 kHz) more or less at right angles to the direction of the main strike of the geologic structure of the survey area was the only frequency selected for presentation and interpretation purposes.

Result Presentation

On figure 3, Fraser filtered data are shown. Profiles of the in-phase and quadrature components (in percent) are provided in figure 4. The base VLF-EM data is tabulated in appendix "A".

Interpretation

Conductive responses detected by the survey are shown on figure 3 (the Fraser filtered in-phase component) and figure 4 (in-phase & quadrature profiles). Mainly, conductors occur as fairly narrow northwest-southeast trending lineations that seem to reflect stratigraphic trend of the various lithologies. An apparent conductor, running approximately perpendicular to stratigraphy (in a northeast direction with a possible west lateral offset) intersects grid coordinate 0+00 N-100+00 E. The interpreted surface trace of this anomaly is indicated on figure 3. Line to line continuity is not especially well determined.

CONCLUSIONS AND RECOMMENDATIONS

One target was delineated by the geophysical work. The conductor is "cut off" to the north by a third party mineral claim but remains open in a southerly direction. Assuming trenching confirms the validity of the interpreted anomaly, it is recommended that the VLF-EM survey be extended south beyond 200+00 S (further into the Tecgold mineral claim). It is important to bear in mind, however, that VLF-EM field variations encountered are subtle and no definitive targets were delineated.

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CERTIFICATE

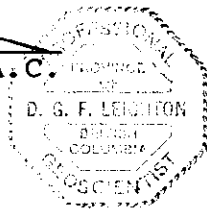
CERTIFICATE OF QUALIFICATION

I, Douglas G.F. Leighton, do hereby certify that:

1. I am a consulting geologist with offices at 3806 - 254th Street, Aldergrove, B.C., V4W 2R3.
2. I am a graduate of the University of British Columbia, B.Sc., (1968).
3. I am a Fellow in the Geological Association of Canada.
4. I am a registered Professional Geoscientist of the Province of British Columbia.
5. I have practiced my profession since 1968.
6. I personally conducted the exploration program on the Referendum Property described in this report for Formosa Resources Corporation.
7. I have not received, nor do I expect to receive, any interest, direct or indirect, in the Referendum Property, or in the securities of Formosa Resources Corporation.
8. I hereby consent to the publication of this report for purposes of a prospectus or statement of material facts.

Dated at Vancouver, British Columbia, this 15 day of December, 1992.


Douglas G.F. Leighton, P.Ge., F.G.A.C.



STATEMENT OF COSTS

Labour

D.G.F. Leighton, P.Geo.

Grid survey	Sep. 8 to 18th	11 days
Geophysics	Oct. 1 to 6th	6 days
Data analysis and report		<u>3.5 days</u>

20.5 days @ \$350/day \$ 7,175.

Costs

Truck rental: 1 month @ \$1,500/mo. 1,500.

Instrument rental: 1 week @ \$250/wk. 250.

Room and Board: 17 days @ \$55.00/day 935.

Services and supplies: office, freight,
telephone, fuel, survey items, etc. 737.

SURVEY TOTAL \$10,597.

APPENDIX A

**DATA TO GO WITH THE
REFERENDUM VLF SURVEY**

REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
LINE	350				
	350	-250	*	*	*
	350	-240	*	*	*
	350	-230	*	*	*
	350	-220	*	*	*
	350	-210	*	*	*
	350	-200	*	*	*
	350	-190	*	*	*
	350	-180	*	*	*
	350	-170	*	*	*
	350	-160	*	*	*
	350	-150	*	*	*
	350	-140	*	*	*
	350	-130	*	*	*
	350	-120	*	*	*
	350	-110	*	*	*
	350	-100	*	*	*
	350	-90	*	*	*
	350	-80	*	*	*
	350	-70	*	*	*
	350	-60	*	*	*
	350	-50	*	*	*
	350	-40	*	*	*
	350	-30	*	*	*
	350	-20	*	*	*
	350	-10	*	*	*
	350	0	*	*	*
	350	10	*	*	*
	350	20	*	*	*
	350	30	*	*	*
	350	40	*	*	*
	350	50	*	*	*
	350	60	*	*	*
	350	70	*	*	*
	350	80	*	*	*
	350	90	*	*	*
	350	100	*	*	*
	350	110	*	*	*
	350	120	*	*	*
	350	130	*	*	*
	350	140	*	*	*
	350	150	*	*	*
	350	160	*	*	*
LINE	325				
	325	230	*	*	*
	325	220	*	*	*
	325	210	*	*	*
	325	200	*	*	*
	325	190	*	*	*
	325	180	*	*	*
	325	170	*	*	*
	325	160	*	*	*
	325	150	*	*	*
	325	140	*	*	*
	325	130	*	*	*
	325	120	*	*	*
	325	110	*	*	*
	325	100	*	*	*
	325	90	*	*	*
	325	80	*	*	*
	325	70	*	*	*
	325	60	*	*	*
	325	50	*	*	*
	325	40	*	*	*

REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
	325	30	*	*	*
	325	20	*	*	*
	325	10	•	*	*
	325	0	*	*	*
	325	-10	*	*	*
	325	-20	*	*	*
	325	-30	*	*	*
	325	-40	*	*	*
	325	-50	*	*	*
	325	-60	*	*	*
	325	-70	*	*	*
	325	-80	*	*	*
	325	-90	*	*	*
	325	-100	*	*	*
	325	-110	*	*	*
	325	-120	•	*	*
	325	-130	*	*	*
	325	-140	*	*	*
	325	-150	*	*	*
	325	-160	*	*	*
	325	-170	•	*	*
	325	-180	•	*	*
	325	-190	•	*	*
	325	-200	•	*	*
	325	-210	*	*	*
	325	-220	*	*	*
	325	-230	*	*	*
	325	-240	*	*	*
	325	-250	*	*	*
	325	-260	*	*	*
	325	-270	•	*	*
	325	-280	*	*	*
	325	-290	*	*	*
	325	-300	*	*	*
	325	-310	•	*	*
	325	-320	*	*	*
	325	-330	•	*	*
	325	-340	•	*	*
LINE	300				
	300	-300	*	*	*
	300	-290	*	*	*
	300	-280	*	*	*
	300	-270	•	*	*
	300	-260	•	*	*
	300	-250	*	*	*
	300	-240	*	*	*
	300	-230	*	*	*
	300	-220	*	*	*
	300	-210	•	*	*
	300	-200	•	*	*
	300	-190	*	*	*
	300	-180	*	*	*
	300	-170	•	*	*
	300	-160	*	*	*
	300	-150	•	*	*
	300	-140	*	*	*
	300	-130	*	*	*
	300	-120	•	*	*
	300	-110	*	*	*
	300	-100	*	*	*
	300	-90	*	*	*
	300	-80	*	*	*
	300	-70	•	*	*
	300	-60	*	*	*

REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
	300	-50	*	*	*
	300	-40	*	*	*
	300	-30	•	*	*
	300	-20	*	*	*
	300	-10	*	*	*
	300	0	•	*	*
	300	10	*	*	*
	300	20	*	*	*
	300	30	*	*	*
	300	40	*	*	*
	300	50	*	*	*
	300	60	*	*	*
	300	70	*	*	*
	300	80	*	*	*
	300	90	*	*	*
	300	100	*	*	*
	300	110	*	*	*
	300	120	*	*	*
	300	130	*	*	*
	300	140	•	*	*
	300	150	*	*	*
	300	160	*	*	*
	300	170	•	*	*
	300	180	*	*	*
	300	190	*	*	*
	300	200	*	*	*
	300	210	*	*	*
	300	220	•	*	*
	300	230	•	*	*
	300	240	•	*	*
	300	250	*	*	*
	300	260	*	*	*
	300	270	•	*	*
	300	280	*	*	*
LINE	275				
	275	330	*	*	*
	275	320	*	*	*
	275	310	*	*	*
	275	300	*	*	*
	275	290	•	*	*
	275	280	*	*	*
	275	270	*	*	*
	275	260	*	*	*
	275	250	*	*	*
	275	240	*	*	*
	275	230	*	*	*
	275	230	*	*	*
	275	220	*	*	*
	275	210	*	*	*
	275	200	*	*	*
	275	190	*	*	*
	275	180	•	*	*
	275	170	*	*	*
	275	160	*	*	*
	275	150	*	*	*
	275	140	*	*	*
	275	130	*	*	*
	275	120	*	*	*
	275	110	*	*	*
	275	100	•	*	*
	275	90	•	*	*
	275	80	•	*	*
	275	70	•	*	*
	275	60	•	*	*

REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
	275	50	*	*	*
	275	40	*	*	*
	275	30	*	*	*
	275	20	*	*	*
	275	10	*	*	*
	275	0	*	*	*
	275	-10	*	*	*
	275	-20	*	*	*
	275	-30	*	*	*
	275	-40	*	*	*
	275	-50	*	*	*
	275	-60	*	*	*
	275	-70	*	*	*
	275	-80	*	*	*
	275	-90	*	*	*
	275	-100	*	*	*
	275	-110	*	*	*
	275	-120	*	*	*
	275	-130	*	*	*
	275	-140	*	*	*
	275	-150	*	*	*
	275	-160	*	*	*
	275	-170	*	*	*
	275	-180	*	*	*
	275	-190	*	*	*
	275	-200	*	*	*
	275	-210	*	*	*
	275	-220	*	*	*
	275	-230	*	*	*
	275	-240	*	*	*
LINE	250				
	250	-220	4.4	-2.0	103.40
	250	-210	1.9	-0.9	105.60
	250	-200	1.2	-0.4	109.30
	250	-190	1.4	-0.6	112.20
	250	-180	3.3	-2.1	115.00
	250	-170	4.5	-1.9	114.60
	250	-160	5.5	-3.0	115.60
	250	-150	5.4	-3.4	116.20
	250	-140	6.2	-2.8	116.60
	250	-130	7	-3.3	116.00
	250	-120	8.5	-4.1	116.10
	250	-110	10.3	-4.7	113.70
	250	-100	10.7	-4.4	112.50
	250	-90	11.5	-5.0	109.70
	250	-80	12.6	-4.1	108.90
	250	-70	12.1	-1.9	106.90
	250	-60	10.8	-0.7	107.80
	250	-50	13.3	-2.6	108.60
	250	-40	13.7	-2.5	105.60
	250	-30	11.6	0.0	102.90
	250	-20	8.8	2.3	105.50
	250	-10	10	2.7	107.10
	250	0	12.2	2.5	109.10
	250	10	14.5	2.8	109.10
	250	20	15.9	3.1	108.10
	250	30	15.1	4.0	108.50
	250	40	16.8	3.7	109.40
	250	50	20.3	2.2	108.90
	250	60	20.5	2.2	108.00
	250	70	21.7	0.7	107.00
	250	80	23.4	-1.2	104.40
	250	90	21.9	-0.7	102.90
	250	100	19.5	0.8	100.40

REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
	250	110	16.7	2.0	99.98
	250	120	15.6	1.6	101.40
	250	130	19.6	-1.1	101.20
	250	140	20.8	-3.5	96.63
	250	150	20.3	-3.0	93.68
	250	160	16.4	-2.2	92.73
	250	170	13.4	-0.8	81.67
	250	180	11.1	0.3	90.42
	250	190	8.8	1.2	91.82
	250	200	6.6	1.2	93.12
	250	210	5.8	0.8	95.45
	250	220	7	0.1	98.13
	250	230	8.7	-1.2	99.66
	250	240	9.1	-1.5	99.40
	250	250	7.6	-0.4	99.04
	250	260	4.8	0.1	100.60
	250	270	4.5	1.2	102.10
	250	280	6	1.2	105.00
	250	290	7.9	-0.1	106.10
	250	300	10.8	-0.5	107.00
	250	310	11.7	-0.6	106.70
	250	320	11.8	-1.0	105.80
	250	330	11.8	-0.8	105.00
	250	340	10.9	-1.1	105.20
	250	350	11.7	-1.8	105.50
	250	360	11.2	-1.3	106.10
	250	370	9.5	-0.3	107.40
	250	380	9.4	0.6	107.60
	250	390	11	-1.1	109.80
LINE	225				
	225	390	11.7	-1.1	106.00
	225	380	11.2	-0.6	107.20
	225	370	10.4	-0.8	106.90
	225	360	11.2	-0.9	104.60
	225	350	10.6	-0.9	104.60
	225	340	11.3	0.2	106.30
	225	330	11.2	1.0	105.50
	225	330	10.3	0.7	112.60
	225	320	10.6	0.5	115.80
	225	310	8.6	1.8	118.10
	225	300	5.2	2.4	115.70
	225	290	3.6	3.3	112.50
	225	280	4.6	1.5	109.20
	225	270	7.1	-0.2	109.20
	225	260	8.4	-1.0	110.40
	225	250	8.5	-1.0	111.00
	225	240	6	-0.1	110.50
	225	230	5.1	0.9	109.70
	225	220	2.6	1.9	109.60
	225	210	4.6	2.7	106.20
	225	200	6.4	1.6	103.70
	225	190	9.6	0.7	103.30
	225	180	12.8	0.4	103.90
	225	170	14.7	-1.2	104.60
	225	160	17.7	-2.0	108.00
	225	150	17.3	-1.8	111.00
	225	140	16.6	-0.4	112.40
	225	130	15.2	1.8	112.70
	225	120	16.3	1.9	112.10
	225	110	18	0.3	111.90
	225	100	19.7	0.2	115.20
	225	90	19.6	0.6	117.20
	225	80	19.4	1.7	119.30
	225	70	18.5	1.7	121.20

REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
	225	60	16.8	2.9	122.90
	225	50	13.4	4.3	121.60
	225	40	11.7	4.6	121.10
	225	30	11.4	4.0	119.90
	225	20	10.3	4.6	120.20
	225	10	9.2	3.6	119.80
	225	0	6.4	5.3	117.80
	225	-10	7.8	2.7	112.90
	225	-20	9.7	2.1	115.70
	225	-30	11.9	0.0	116.20
	225	-40	11.7	0.2	118.90
	225	-50	11.1	-0.3	117.90
	225	-60	9.1	0.6	120.40
	225	-70	5.8	2.6	117.10
	225	-80	6.7	0.0	113.90
	225	-90	8.3	-1.9	114.10
	225	-100	9.4	-2.6	113.90
	225	-110	9.1	-2.4	115.40
	225	-120	9.2	-2.8	118.30
	225	-130	7.5	-1.8	116.60
	225	-140	6.9	-1.8	116.10
	225	-150	7	-2.7	117.50
	225	-150	7	-2.9	116.40
	225	-160	6.5	-1.8	118.90
	225	-170	3.5	-0.9	117.00
	225	-180	2	0.0	116.20
	225	-190	0.7	1.4	112.40
	225	-200	-0.2	0.9	109.90
	225	-210	1.3	0.4	106.70
	225	-220	3	-0.4	104.50
	225	-230	5.8	-2.8	102.90
LINE	200				
	200	-240	9.5	-6.8	105.80
	200	-230	6.3	-4.6	105.80
	200	-220	5.4	-4.5	106.80
	200	-210	4.6	-3.9	105.80
	200	-200	1.7	-2.4	107.20
	200	-190	1.2	-1.4	109.50
	200	-180	1.5	-1.6	112.30
	200	-170	3.7	-2.7	114.50
	200	-160	5.5	-4.2	114.80
	200	-150	8.4	-5.7	115.00
	200	-140	8.3	-6.2	112.30
	200	-130	8.9	-5.3	112.60
	200	-120	8.5	-5.6	110.20
	200	-110	10.7	-6.5	109.30
	200	-100	10.1	-5.7	105.60
	200	-90	6.8	-3.3	104.00
	200	-80	4.3	-0.1	104.30
	200	-70	5	-0.2	108.20
	200	-60	6.1	-0.8	110.70
	200	-50	10	-2.2	111.50
	200	-40	11.7	-2.8	108.00
	200	-30	11.2	-2.4	105.40
	200	-20	11.8	-1.2	108.20
	200	-10	11	-1.3	111.30
	200	0	9.6	-0.3	122.00
	200	10	6.9	1.4	131.50
	200	20	7.6	2.6	132.10
	200	30	8.3	2.8	132.50
	200	40	8.8	3.0	132.00
	200	50	9.9	3.9	129.10
	200	60	11.4	4.0	131.20
	200	70	14.8	2.8	130.00

REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
	200	80	16.8	1.7	124.00
	200	90	17.4	1.1	121.60
	200	100	17.3	0.6	118.10
	200	110	17.1	0.1	117.70
	200	120	16.9	-0.3	114.30
	200	130	15.6	0.6	113.10
	200	140	14.2	1.1	113.40
	200	150	16.2	-0.9	114.80
	200	160	16.7	-2.8	111.40
	200	170	14.7	-1.9	106.40
	200	180	11.7	-0.3	104.70
	200	190	8.9	0.5	104.00
	200	200	8.2	0.2	105.50
	200	210	6.2	0.1	104.80
	200	220	3.9	1.3	105.00
	200	230	3.6	0.7	108.20
	200	240	3.9	-0.1	108.10
	200	250	3.4	-0.2	110.10
	200	260	7.3	-1.0	106.60
	200	270	9.1	-3.2	105.10
	200	280	8	-2.5	102.90
	200	290	4.8	-0.3	103.20
	200	300	3.8	1.3	104.70
	200	310	5.7	0.0	106.10
	200	320	8.2	-1.0	107.10
	200	330	10.8	-1.9	104.30
	200	340	9.6	-1.3	101.90
	200	350	9.3	-0.8	102.10
	200	360	8.7	-0.5	103.60
	200	370	10.1	-1.8	102.10
	200	380	9.9	-2.1	101.60
	200	390	11.5	-3.0	101.20
	200	400	10.9	-3.0	100.10
LINE	175				
	175	400	9.8	1.8	127.20
	175	390	8.2	0.9	128.60
	175	380	8.6	1.2	127.80
	175	370	8.4	0.7	129.40
	175	360	6.8	-0.1	127.80
	175	350	8.4	0.7	129.40
	175	340	6.8	-0.1	127.80
	175	330	7.6	0.1	125.70
	175	330	8.0	0.0	126.60
	175	320	6.0	-1.0	128.30
	175	310	3.6	-2.3	126.30
	175	300	3.8	-2.1	123.00
	175	290	4.8	-0.6	121.10
	175	280	5.9	0.4	122.20
	175	270	5.8	0.6	123.40
	175	260	4.2	-0.3	124.00
	175	250	1.2	-1.3	121.60
	175	240	1.5	-1.4	118.40
	175	230	3.2	-0.9	119.60
	175	220	3.4	-0.9	117.70
	175	210	3.8	-2.1	117.80
	175	200	4.3	-2.4	113.40
	175	190	6.4	-2.1	112.80
	175	180	8.3	-1.1	111.80
	175	180	10.1	-0.9	112.10
	175	170	11.0	-0.5	113.00
	175	160	11.7	-0.4	114.50
	175	150	11.3	-1.7	116.90
	175	140	11.4	-2.8	117.50
	175	130	12.0	-3.0	118.00

REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
	175	120	13.2	-2.9	117.50
	175	110	13.3	-3.7	119.80
	175	100	12.2	-4.4	119.70
	175	90	13.3	-4.5	122.70
	175	80	13.1	-4.5	124.50
	175	70	12.5	-4.4	127.10
	175	60	10.3	-5.0	129.70
	175	50	8.4	-5.4	128.30
	175	40	8.0	-4.9	127.20
	175	30	6.8	-4.4	128.00
	175	20	5.4	-4.1	125.10
	175	10	5.8	-4.0	124.70
	175	0	6.5	-2.8	123.90
	175	-10	8.2	-2.2	122.00
	175	-20	8.9	-0.3	125.00
	175	-30	8.8	0.2	126.90
	175	-40	9.2	1.3	127.90
	175	-50	7.7	0.8	129.80
	175	-60	6.5	0.7	127.90
	175	-70	4.3	0.4	127.40
	175	-80	3.0	0.0	125.20
	175	-90	5.0	1.5	122.50
	175	-100	6.8	3.9	124.60
	175	-110	6.8	4.5	125.80
	175	-120	5.9	4.1	126.20
	175	-130	5.8	4.6	123.80
	175	-140	8.5	6.5	125.40
	175	-150	7.4	5.3	129.90
	175	-150	4.6	4.3	127.70
	175	-160	3.8	4.2	127.90
	175	-170	4.3	4.6	126.50
	175	-180	4.1	4.0	127.20
	175	-190	3.7	4.2	127.10
	175	-200	2.8	3.8	125.60
	175	-210	3.6	4.1	124.10
	175	-220	3.7	2.9	124.20
	175	-230	3.1	2.8	122.00
	175	-240	3.3	2.8	120.90
	175	-250	2.3	1.9	121.00
	175	-260	3.9	2.1	120.90
LINE	150				
	150	-260	4.8	-4.6	123.30
	150	-250	2.6	-2.8	122.20
	150	-240	2.7	-3.1	123.50
	150	-230	1.6	-3.3	125.80
	150	-220	1	-2.9	126.70
	150	-210	0.6	-3.5	126.20
	150	-200	1.7	-4.2	127.40
	150	-190	2.2	-5.0	129.60
	150	-180	4.3	-6.4	131.90
	150	-180	5.6	-8.5	130.10
	150	-170	4.8	-8.8	127.60
	150	-160	4.1	-8.0	127.80
	150	-150	3.1	-6.7	129.40
	150	-140	5.8	-8.2	131.50
	150	-130	6.7	-8.9	130.40
	150	-120	7.2	-9.0	128.70
	150	-110	4.9	-6.8	128.30
	150	-100	4.9	-6.3	130.70
	150	-90	7.5	-6.5	132.50
	150	-80	7.6	-6.9	130.10
	150	-70	7	-5.3	130.20
	150	-60	5.5	-5.0	129.40
	150	-50	3.2	-2.6	131.30

REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
	150	-40	2.6	-0.9	134.30
	150	-30	4.6	-0.9	136.50
	150	-20	8	-2.8	136.60
	150	-10	8.5	-2.5	134.30
	150	0	8.4	-1.8	131.00
	150	10	8.4	-0.5	121.80
	150	20	5.8	1.1	121.60
	150	30	4.8	2.5	122.20
	150	40	4.4	3.2	123.50
	150	50	4	4.2	125.80
	150	60	6.2	4.9	129.20
	150	70	6.3	5.3	126.00
	150	80	8.3	6.4	126.60
	150	90	9.3	6.1	123.60
	150	100	9.1	7.1	120.70
	150	110	7.4	8.5	120.30
	150	120	6.3	8.9	121.40
	150	130	7	8.0	120.50
	150	140	9.5	7.0	120.20
	150	150	8.7	5.7	116.40
	150	150	8	4.9	114.30
	150	160	7.4	4.4	113.80
	150	170	8.4	3.6	113.40
	150	180	7.2	3.1	111.60
	150	190	5.2	1.5	112.20
	150	200	4.5	2.4	113.60
	150	210	3	2.1	112.70
	150	220	2.9	1.4	114.40
	150	230	3.6	0.5	114.60
	150	240	3.4	-0.2	114.20
	150	250	3.1	-0.2	114.00
	150	260	1.8	-0.2	115.30
	150	270	2.1	-0.3	118.60
	150	280	3.7	-1.3	119.10
	150	290	3.8	-1.5	118.40
	150	300	6.5	-2.1	119.10
	150	310	6.1	-1.1	115.70
	150	320	4.1	1.0	118.00
	150	330	2.2	2.2	120.00
	150	340	4.1	1.7	121.60
	150	350	6.8	1.0	123.50
	150	360	8.1	-0.3	124.60
	150	370	8.9	-2.3	126.50
	150	380	13	-2.1	125.30
	150	390	17	-5.4	126.10
	150	400	18.6	-6.5	119.60
LINE	125				
	125	410	23.5	6.1	113.70
	125	400	21.9	5.3	117.00
	125	390	19.8	4.4	116.60
	125	380	19.8	3.7	118.80
	125	370	15.8	2.1	119.10
	125	360	14.1	1.4	120.50
	125	350	11.2	-0.1	119.80
	125	340	9.4	-0.4	118.90
	125	330	8.3	-0.4	119.10
	125	320	10.9	1.7	119.80
	125	310	7.0	0.4	130.10
	125	300	-7.9	-8.4	124.30
	125	290	-5.6	-7.0	114.20
	125	280	-3.9	-6.3	112.20
	125	270	-2.9	-5.8	110.00
	125	260	-1.7	-4.5	109.50
	125	250	0.0	-4.3	106.20

REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
	125	240	0.9	-3.2	104.60
	125	230	2.7	-2.4	104.00
	125	220	3.8	-3.5	104.10
	125	210	5.2	-3.6	104.40
	125	200	8.2	-2.1	104.50
	125	190	11.3	-0.8	106.20
	125	180	14.2	1.7	106.80
	125	170	16.3	3.5	107.10
	125	160	18.6	4.7	109.10
	125	150	19.3	4.5	112.60
	125	140	18.7	3.7	113.80
	125	130	18.7	4.3	115.90
	125	120	19.8	3.7	113.80
	125	110	18.7	3.3	119.20
	125	100	17.9	2.5	118.00
	125	90	17.7	1.8	120.30
	125	80	16.1	3.1	121.30
	125	70	14.0	1.2	128.80
	125	60	1.4	-8.1	134.40
	125	50	-1.7	-10.1	124.90
	125	40	-0.1	-9.3	120.00
	125	30	0.4	-9.2	118.80
	125	20	3.4	-5.7	116.40
	125	10	6.2	-3.7	119.40
	125	0	6.6	-3.0	118.80
	125	-10	5.9	-2.8	121.30
	125	-20	2.9	-3.1	121.80
	125	-30	-0.5	-4.3	118.40
	125	-40	-0.5	-3.5	114.40
	125	-50	1.7	-1.5	113.00
	125	-60	2.4	-0.2	112.90
	125	-70	2.6	0.8	113.00
	125	-80	3.0	1.8	114.40
	125	-90	3.0	1.5	115.60
	125	-100	1.3	1.4	113.90
	125	-110	2.8	3.2	112.80
	125	-120	1.7	3.5	114.10
	125	-130	-1.3	1.3	113.90
	125	-140	-1.8	0.7	110.80
	125	-150	-0.3	1.9	104.90
	125	-160	2.8	2.5	110.90
	125	-170	3.0	3.4	112.90
	125	-180	2.4	3.3	115.70
	125	-190	3.1	3.4	113.90
	125	-200	2.7	3.4	114.50
	125	-210	4.0	4.6	112.40
	125	-220	5.8	5.9	111.20
	125	-230	6.8	6.8	112.10
	125	-240	7.5	5.0	110.80
	125	-250	8.2	5.4	111.80
	125	-260	9.9	4.8	113.30
	125	-270	9.6	5.0	114.10
LINE	100				
	100	-230	11.0	8.9	121.20
	100	-220	10.5	9.5	120.90
	100	-210	10.4	10.2	120.40
	100	-200	9.7	9.6	120.30
	100	-190	9.7	9.4	120.40
	100	-180	9.1	10.0	120.30
	100	-170	8.6	9.8	122.30
	100	-160	7.5	9.4	123.00
	100	-150	7.8	9.9	123.20
	100	-140	6.1	9.1	121.70
	100	-130	4.1	8.6	121.50

REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
	100	-120	2.8	7.3	123.90
	100	-110	2.3	6.8	124.60
	100	-100	1.8	5.9	124.70
	100	-90	2.3	5.6	125.50
	100	-80	2.5	5.1	125.90
	100	-70	1.1	4.5	127.50
	100	-60	1.6	2.9	126.80
	100	-50	0.2	0.3	123.80
	100	-40	-0.8	-1.1	127.30
	100	-30	0.5	-1.4	130.20
	100	-20	4.9	0.3	133.60
	100	-10	8.9	1.2	134.40
	100	0	14.4	3.4	138.10
	100	10	20.4	6.0	138.10
	100	20	23.0	7.4	136.60
	100	30	24.2	8.2	135.30
	100	40	24.9	8.2	134.30
	100	50	28.3	12.4	133.10
	100	60	28.5	11.8	128.30
	100	70	27.2	10.5	125.50
	100	80	24.4	8.4	121.70
	100	90	23.4	5.4	118.90
	100	100	22.4	3.5	119.70
	100	110	22.3	3.6	121.30
	100	120	23.2	3.9	121.00
	100	130	23.6	4.7	120.30
	100	140	24.6	4.8	119.00
	100	150	23.5	5.0	120.00
	100	160	24.6	7.0	119.10
	100	170	24.6	8.0	116.70
	100	180	24.0	8.1	115.20
	100	190	21.4	7.8	113.00
	100	200	19.1	6.7	112.00
	100	210	16.4	4.8	112.10
	100	220	13.8	3.9	113.40
	100	220	13.4	3.5	113.20
	100	230	12.6	3.6	114.00
	100	240	11.5	4.4	116.20
	100	250	11.7	5.6	117.90
	100	260	10.9	5.8	119.60
	100	270	9.6	4.9	121.00
	100	280	8.4	4.9	123.20
	100	290	10.2	6.0	126.50
	100	300	11.6	5.9	126.50
	100	310	12.9	6.6	127.60
	100	320	15.7	6.2	127.90
	100	330	17.9	7.4	126.00
	100	340	18.5	7.5	124.30
	100	350	18.1	4.7	124.50
	100	360	17.3	2.0	123.10
	100	370	20.3	3.3	125.20
	100	380	21.6	4.5	125.10
	100	390	22.9	5.3	122.50
	100	400	25.9	7.5	121.90
	100	410	26.0	7.9	119.10
LINE	75				
	75	410	19.5	1.9	120.70
	75	400	21.3	3.0	119.90
	75	390	22.0	3.6	120.70
	75	380	20.8	3.4	124.20
	75	370	20.1	2.2	126.70
	75	360	17.2	2.1	125.00
	75	350	17.7	2.1	123.80
	75	340	15.8	2.9	125.50

REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
	75	330	12.4	0.9	124.10
	75	320	10.8	1.6	114.40
	75	310	11.3	2.7	111.70
	75	300	12.4	2.6	111.30
	75	290	11.8	3.3	108.50
	75	280	12.4	3.4	109.60
	75	270	13.5	4.4	108.50
	75	260	13.9	4.6	107.60
	75	250	13.4	3.0	106.90
	75	240	14.5	2.3	107.80
	75	230	15.1	2.0	104.90
	75	220	15.5	2.0	103.80
	75	210	17.0	2.9	103.50
	75	200	19.6	3.4	103.80
	75	190	21.5	4.3	105.30
	75	180	23.2	4.8	105.60
	75	170	23.3	3.5	108.10
	75	160	22.1	2.3	108.30
	75	150	21.7	1.6	110.50
	75	140	21.0	0.4	109.30
	75	130	19.6	-0.3	110.20
	75	120	18.6	-1.1	109.60
	75	110	18.2	-1.6	107.50
	75	100	20.0	-0.5	106.00
	75	90	24.1	2.2	106.70
	75	80	26.6	4.2	109.50
	75	70	28.2	4.4	110.40
	75	60	30.4	6.0	114.20
	75	50	30.1	5.3	117.40
	75	40	29.5	5.3	120.20
	75	30	28.1	4.2	124.60
	75	20	23.7	2.0	126.60
	75	10	19.0	0.4	129.50
	75	0	14.7	0.2	126.90
	75	-10	10.7	0.0	124.40
	75	-20	9.5	1.0	123.30
	75	-30	8.2	0.6	123.70
	75	-40	6.2	0.5	122.60
	75	-50	6.8	2.7	120.30
	75	-60	7.8	4.9	123.50
	75	-70	7.7	6.4	125.50
	75	-80	4.5	5.2	125.00
	75	-90	-1.2	3.6	122.70
	75	-100	1.0	5.2	121.90
	75	-110	1.7	4.1	121.70
	75	-120	3.2	4.2	120.50
	75	-130	5.1	6.8	117.30
	75	-140	7.3	7.2	116.50
	75	-140	7.5	7.8	117.40
	75	-150	8.5	7.9	117.00
	75	-160	8.3	7.8	116.70
	75	-170	7.8	6.8	117.60
	75	-180	6.4	5.6	115.60
	75	-190	6.1	5.1	113.60
	75	-200	7.5	5.8	112.80
	75	-210	7.7	6.3	113.10
LINE	50				
	50	-200	10.4	8.2	114.30
	50	-200	8.8	7.3	114.80
	50	-190	7.8	6.4	116.20
	50	-180	6.6	6.0	117.50
	50	-170	6.5	5.6	120.50
	50	-160	9.3	8.1	124.10
	50	-150	12.4	10.3	125.00

REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
	50	-140	13.0	11.8	124.30
	50	-130	13.8	12.9	121.60
	50	-120	14.4	12.9	119.90
	50	-110	14.2	13.5	118.60
	50	-100	13.8	12.9	118.20
	50	-90	13.2	11.8	116.70
	50	-80	12.2	10.2	116.50
	50	-70	11.6	8.7	117.50
	50	-60	13.6	8.8	120.30
	50	-50	14.9	7.8	119.50
	50	-40	14.8	7.6	119.70
	50	-30	15.0	7.3	118.90
	50	-20	15.1	4.9	118.80
	50	-10	15.2	3.8	120.70
	50	0	15.6	3.8	120.60
	50	10	17.4	2.6	122.10
	50	20	20.7	4.8	123.30
	50	30	26.1	5.6	123.50
	50	40	29.3	4.5	118.30
	50	50	31.2	6.4	116.40
	50	60	32.2	6.2	113.20
	50	70	31.4	7.1	110.60
	50	80	30.5	6.9	110.20
	50	90	29.2	5.7	106.30
	50	100	25.4	2.0	103.50
	50	110	22.3	0.1	105.40
	50	120	20.6	-1.2	106.40
	50	130	19.8	-0.2	107.40
	50	140	21.8	1.0	108.00
	50	150	22.6	1.8	107.60
	50	160	24.0	2.6	107.70
	50	170	23.8	3.7	106.00
	50	180	24.3	3.9	104.30
	50	190	24.6	3.3	102.00
	50	200	23.5	5.6	101.00
	50	210	22.9	5.5	99.76
	50	220	21.7	5.6	98.43
	50	230	20.4	4.8	98.89
	50	240	18.8	4.3	98.93
	50	250	19.2	4.4	99.29
	50	260	18.3	4.2	99.36
	50	270	18.1	5.0	99.31
	50	280	15.5	3.9	97.41
	50	290	12.5	2.6	98.85
	50	300	12.5	2.3	100.40
	50	310	12.6	2.6	100.60
	50	320	13.1	3.8	101.80
	50	330	11.5	2.3	102.60
	50	340	8.7	0.2	103.20
	50	350	10.9	0.3	106.90
	50	360	14.8	1.7	109.40
	50	370	18.9	2.9	107.20
	50	380	22.5	3.2	107.10
	50	390	22.6	4.1	105.60
	50	400	23.3	4.0	102.90
	50	410	24.4	5.6	101.40
LINE	25				
	25	460	17.8	3.1	119.40
	25	450	18.9	2.3	121.40
	25	440	15.7	-0.4	119.50
	25	430	17.8	0.7	120.90
	25	420	20.1	1.7	121.40
	25	410	21.3	2.1	125.30
	25	400	20.1	0.9	126.50

REFERENDUM VLF SURVEY

<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
25	390	19.7	1.0	130.30
25	380	16.3	-0.5	130.30
25	370	15.0	-0.6	133.10
25	360	10.6	-2.0	131.90
25	350	8.8	-3.4	128.70
25	350	10.4	-2.0	131.70
25	340	7.3	-3.3	125.40
25	330	11.2	-0.2	122.90
25	320	13.3	0.2	126.50
25	310	11.8	-1.8	125.10
25	300	10.6	-2.4	123.90
25	290	13.0	-2.1	120.30
25	280	16.0	0.1	119.90
25	270	17.8	0.0	122.90
25	260	19.0	0.1	123.00
25	250	18.1	-0.1	121.10
25	240	18.8	0.2	121.30
25	230	19.3	1.0	120.00
25	220	20.0	0.9	121.60
25	210	21.4	1.2	121.00
25	200	23.8	2.0	123.80
25	190	24.2	1.5	125.30
25	180	23.7	1.4	127.40
25	170	24.1	0.9	131.20
25	160	21.5	-0.6	131.20
25	150	20.2	-1.9	130.60
25	140	20.1	-2.3	128.90
25	130	19.5	-2.3	128.40
25	120	19.2	-1.6	124.50
25	110	20.9	-0.4	124.90
25	100	24.0	0.0	125.50
25	90	25.4	1.9	126.70
25	80	26.0	2.3	128.80
25	70	28.2	2.5	131.90
25	60	26.1	1.9	135.40
25	50	22.9	1.4	133.70
25	40	20.6	0.6	136.50
25	30	18.6	1.5	136.40
25	20	16.4	2.5	135.10
25	10	16.2	1.4	133.30
25	0	15.0	1.1	135.10
25	-10	14.0	0.5	136.80
25	-10	15.5	2.3	129.10
25	-20	15.8	4.4	130.00
25	-30	16.6	4.3	130.20
25	-40	16.7	3.9	132.60
25	-50	15.6	5.0	131.20
25	-60	15.0	4.9	134.70
25	-70	14.5	6.1	132.70
25	-80	16.0	6.9	130.70
25	-90	17.5	9.1	132.10
25	-100	18.4	10.0	133.20
25	-110	19.5	10.6	134.00
25	-120	19.6	11.2	135.10
25	-130	19.3	10.5	140.50
25	-140	18.9	10.0	143.10
25	-150	17.8	9.2	147.90
25	-160	13.2	7.6	151.10
25	-170	6.1	2.9	149.10
25	-180	5.5	2.9	143.60
25	-190	5.4	3.2	139.50
25	-200	6.2	3.8	139.70
25	-210	6.8	4.2	140.70
25	-220	7.8	4.2	142.00

REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
LINE	0				
	0	-230	13.8	9.6	164.10
	0	-220	20.3	14.9	154.40
	0	-210	21.6	15.6	148.60
	0	-200	21.7	16.2	142.00
	0	-190	21.0	14.6	139.00
	0	-180	20.2	13.2	139.10
	0	-170	21.4	11.9	138.60
	0	-160	22.1	12.2	137.30
	0	-150	23.5	12.2	135.10
	0	-140	22.6	12.1	133.00
	0	-130	23.1	13.7	129.60
	0	-120	23.6	13.7	128.10
	0	-110	22.5	12.6	128.00
	0	-100	22.5	13.1	126.80
	0	-90	21.2	13.2	125.60
	0	-80	20.6	11.7	126.10
	0	-70	20.9	8.5	125.40
	0	-60	19.9	8.3	127.50
	0	-50	19.9	8.9	128.00
	0	-40	21.0	8.9	125.80
	0	-30	21.0	8.1	125.10
	0	-20	20.7	7.2	123.50
	0	-10	20.9	7.0	125.60
	0	0	19.2	5.4	122.20
	0	10	18.1	5.0	122.10
	0	20	18.5	5.2	122.60
	0	30	19.5	4.7	123.60
	0	40	18.6	5.2	123.00
	0	50	18.7	3.9	123.30
	0	60	19.8	4.0	123.30
	0	70	21.4	3.9	123.00
	0	80	25.0	4.4	122.40
	0	90	26.3	3.8	120.90
	0	100	26.8	4.1	116.40
	0	110	24.2	1.9	114.40
	0	120	22.4	-0.4	114.20
	0	130	20.8	-1.2	116.60
	0	140	21.5	-1.1	116.50
	0	150	22.3	-0.8	117.80
	0	160	22.6	0.4	118.20
	0	170	23.2	1.3	116.70
	0	180	25.6	3.8	116.90
	0	190	26.1	3.8	112.90
	0	200	26.2	3.9	112.10
	0	210	24.9	4.7	110.20
	0	220	23.8	3.7	109.70
	0	230	22.0	3.4	108.70
	0	240	19.4	1.4	106.20
	0	250	18.3	-0.5	107.10
	0	260	18.2	0.0	109.50
	0	270	19.3	1.1	109.40
	0	280	18.7	2.2	108.00
	0	290	16.0	1.0	106.40
	0	300	12.4	-0.2	108.80
	0	310	12.4	-0.3	111.20
	0	320	12.9	1.8	110.90
	0	330	12.3	1.2	110.20
	0	340	11.6	-0.2	110.20
	0	350	8.1	-1.7	114.40
	0	360	11.6	0.5	115.70
	0	370	13.7	1.3	117.20
	0	380	15.2	1.2	115.10
	0	390	16.2	1.1	116.80

REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
	0	400	19.9	2.3	116.40
	0	410	21.9	2.7	114.50
	0	420	23.5	3.3	112.80
	0	430	21.0	1.9	110.30
	0	440	18.2	1.6	108.30
	0	450	16.0	-0.2	109.20
	0	460	14.1	-0.3	110.20
	0	470	17.8	2.8	110.10
	0	480	15.6	2.7	110.10
	0	490	15.2	2.9	109.80
	0	500	12.7	1.6	111.30
	0	510	14.0	3.3	112.20
	0	520	14.2	3.6	111.70
LINE	-25				
	-25	580	8.4	0.6	133.10
	-25	570	8.5	1.7	128.80
	-25	560	9.8	2.0	130.30
	-25	550	10.8	2.5	131.80
	-25	540	9.2	1.8	131.30
	-25	530	7.7	0.4	132.40
	-25	520	7.7	-0.5	127.40
	-25	510	10.7	1.8	129.80
	-25	500	14.3	2.1	134.00
	-25	490	12.0	-0.8	133.00
	-25	480	12.9	-1.3	131.00
	-25	470	15.3	-0.4	131.30
	-25	460	17.4	0.3	128.90
	-25	450	19.4	1.7	130.20
	-25	440	21.1	2.6	133.10
	-25	430	20.7	1.9	135.90
	-25	420	20.7	1.4	138.40
	-25	410	17.8	0.6	141.80
	-25	400	13.9	-1.5	138.40
	-25	390	14.4	-0.8	136.30
	-25	380	13.7	-1.3	137.20
	-25	370	13.6	-0.8	133.50
	-25	360	15.1	0.0	137.20
	-25	350	13.1	-1.2	138.10
	-25	340	11.7	-2.4	132.80
	-25	330	13.6	-1.4	131.60
	-25	320	15.9	-0.3	131.60
	-25	310	16.1	-0.8	133.90
	-25	300	16.6	-1.0	132.00
	-25	290	18.2	-1.3	133.50
	-25	280	16.3	-3.2	133.60
	-25	270	16.6	-3.7	133.40
	-25	260	16.8	-3.5	132.10
	-25	250	18.1	-3.1	130.10
	-25	240	20.2	-1.3	129.80
	-25	230	22.9	0.2	131.20
	-25	220	24.1	0.0	133.30
	-25	210	25.1	0.9	134.80
	-25	200	25.8	0.6	136.40
	-25	190	26.3	1.1	139.50
	-25	180	24.9	0.5	142.30
	-25	170	24.6	0.4	141.40
	-25	160	25.1	0.9	144.50
	-25	150	21.1	-0.6	144.20
	-25	140	19.1	-1.7	140.90
	-25	130	20.1	-1.6	139.90
	-25	120	19.7	-0.6	137.30
	-25	110	21.9	1.3	136.60
	-25	100	24.4	4.5	138.90
	-25	90	23.4	2.7	144.90

REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
	-25	80	19.7	0.1	144.20
	-25	70	17.7	0.3	141.70
	-25	60	16.6	0.2	142.10
	-25	50	16.4	0.7	140.20
	-25	40	17.7	1.8	141.10
	-25	30	17.5	1.8	139.90
	-25	20	17.7	1.2	139.40
	-25	10	18.5	1.8	139.90
	-25	0	20.2	2.7	139.80
	-25	-10	21.1	3.2	137.20
	-25	-20	21.5	3.6	141.80
	-25	-30	22.0	4.1	141.40
	-25	-40	22.5	4.9	143.50
	-25	-50	20.5	5.0	144.70
	-25	-60	20.2	5.7	145.30
	-25	-70	21.1	5.9	143.80
	-25	-80	20.9	6.4	143.90
	-25	-90	20.6	6.0	143.80
	-25	-100	21.1	6.0	143.80
	-25	-110	23.0	7.9	144.10
	-25	-120	24.9	9.5	145.10
	-25	-130	25.2	10.1	147.90
	-25	-140	26.3	9.5	150.80
	-25	-150	23.9	7.9	153.10
	-25	-160	24.6	8.6	152.00
	-25	-170	24.1	9.7	153.10
	-25	-180	25.0	11.2	153.00
	-25	-190	26.0	12.2	155.40
	-25	-200	27.3	13.3	159.50
	-25	-210	27.6	13.5	164.90
	-25	-220	21.2	9.8	171.60
	-25	-230	17.9	8.5	172.10
LINE	-50				
	-50	-250	21.0	11.9	158.00
	-50	-240	21.8	11.5	156.50
	-50	-230	23.9	11.9	153.60
	-50	-220	24.3	11.3	153.90
	-50	-210	24.8	10.7	151.30
	-50	-200	25.6	10.6	150.50
	-50	-190	27.4	11.8	151.10
	-50	-180	28.9	13.9	146.30
	-50	-170	27.8	12.5	142.30
	-50	-160	26.5	10.6	140.30
	-50	-150	26.2	9.3	141.40
	-50	-140	27.2	10.2	139.10
	-50	-130	26.1	10.5	141.10
	-50	-120	27.3	11.0	138.90
	-50	-110	26.5	10.8	136.50
	-50	-100	25.3	9.6	137.20
	-50	-90	24.9	9.3	136.90
	-50	-80	23.4	8.2	134.60
	-50	-70	21.9	7.5	136.80
	-50	-60	21.7	6.6	136.00
	-50	-50	21.2	6.1	135.70
	-50	-40	19.8	4.8	137.50
	-50	-30	20.2	3.8	138.00
	-50	-20	21.1	4.4	139.40
	-50	-10	22.6	6.1	138.20
	-50	0	22.5	6.6	135.10
	-50	10	22.0	5.9	134.40
	-50	20	20.6	4.0	140.00
	-50	30	19.2	4.2	135.10
	-50	40	19.4	4.4	132.00
	-50	40	19.2	5.3	130.60

REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
	-50	50	18.8	4.8	131.90
	-50	60	17.4	3.8	133.20
	-50	70	16.4	3.1	133.40
	-50	80	17.3	3.3	137.70
	-50	90	20.0	4.4	138.30
	-50	100	22.5	8.9	136.00
	-50	110	22.3	7.0	134.50
	-50	120	22.0	5.6	131.50
	-50	130	19.6	3.0	131.50
	-50	140	19.3	1.7	132.70
	-50	150	20.5	1.0	136.20
	-50	160	24.5	1.9	135.50
	-50	170	26.0	2.1	131.80
	-50	180	26.1	1.1	133.30
	-50	190	28.3	3.4	133.10
	-50	200	30.2	4.2	129.40
	-50	210	28.7	2.8	126.50
	-50	220	25.7	1.5	126.30
	-50	230	25.1	1.2	123.20
	-50	240	23.3	-0.1	123.10
	-50	250	19.9	-1.6	123.00
	-50	260	19.0	-2.5	125.10
	-50	270	17.5	-2.8	125.00
	-50	280	17.5	-2.5	127.30
	-50	290	16.7	-2.5	128.70
	-50	300	18.0	-1.9	129.90
	-50	310	21.6	1.8	126.00
	-50	320	20.8	2.8	124.40
	-50	330	17.9	1.3	122.60
	-50	340	15.1	-0.4	123.80
	-50	350	15.6	-0.1	134.30
	-50	360	13.7	0.3	130.90
	-50	360	12.4	-1.1	130.90
	-50	370	12.1	-1.8	132.70
	-50	380	12.3	-2.1	135.90
	-50	390	11.6	-2.5	134.80
	-50	400	12.9	-2.0	136.70
	-50	410	13.4	-1.7	137.30
	-50	420	16.2	0.1	138.20
	-50	430	17.3	0.9	136.50
	-50	440	18.6	1.6	134.90
	-50	450	21.7	3.1	133.40
	-50	460	20.7	3.4	129.30
	-50	470	19.8	3.0	128.20
	-50	480	18.2	2.0	127.80
	-50	490	17.0	1.0	129.00
	-50	500	18.3	2.6	134.50
	-50	510	21.3	5.4	131.50
	-50	520	20.7	4.9	127.30
	-50	530	18.2	3.2	127.80
	-50	540	19.5	4.9	130.50
	-50	550	20.5	6.8	129.70
	-50	560	20.6	7.0	129.50
	-50	570	20.4	7.6	127.60
	-50	580	20.5	7.9	127.60
	-50	590	19.2	6.5	125.80
	-50	600	17.7	6.1	127.00
	-50	610	16.7	5.5	126.00
	-50	620	15.4	4.3	126.90
LINE	-75				
	-75	660	18.7	4.0	206.60
	-75	650	17.3	2.4	207.60
	-75	640	15.8	1.4	198.20
	-75	630	16.8	2.0	200.30

REFERENDUM VLF SURVEY

<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
-75	620	17.9	3.3	199.20
-75	610	19.7	4.7	194.80
-75	600	20.8	5.6	197.00
-75	590	21.8	5.9	195.10
-75	580	22.6	6.1	197.80
-75	570	22.3	5.6	197.80
-75	560	20.8	2.3	194.70
-75	550	20.8	1.9	191.10
-75	540	21.7	2.3	188.30
-75	530	23.5	3.2	188.30
-75	520	23.6	2.8	187.60
-75	510	24.2	3.7	188.90
-75	500	22.7	2.1	192.80
-75	490	19.2	0.3	183.60
-75	480	20.9	1.3	179.70
-75	470	21.4	1.2	178.20
-75	460	22.1	1.5	177.80
-75	450	19.9	0.6	179.80
-75	440	18.0	-0.2	176.80
-75	430	19.2	-0.2	177.50
-75	420	17.6	-0.6	174.60
-75	410	15.6	-1.5	174.20
-75	400	11.7	-3.8	170.10
-75	390	10.6	-4.6	165.10
-75	380	9.7	-5.1	158.60
-75	370	11.9	-4.4	153.40
-75	360	14.2	-2.8	153.40
-75	350	16.5	-1.8	152.40
-75	340	19.0	-0.7	152.80
-75	330	20.6	0.6	153.20
-75	320	23.6	2.2	156.90
-75	310	23.3	0.1	162.60
-75	300	20.2	-2.7	165.50
-75	290	17.4	-4.7	161.20
-75	280	17.4	-4.6	160.80
-75	270	17.4	-5.1	155.30
-75	260	18.9	-4.8	154.80
-75	250	20.3	-2.9	151.40
-75	240	22.6	-1.9	150.20
-75	230	23.9	-1.2	151.20
-75	220	25.0	-1.2	152.70
-75	210	25.9	-0.1	153.10
-75	200	28.2	1.4	157.30
-75	190	24.8	0.0	161.80
-75	180	21.1	-0.9	158.80
-75	170	18.5	-0.8	155.90
-75	160	16.7	-0.1	152.70
-75	150	17.0	0.1	147.80
-75	140	17.0	0.6	146.20
-75	130	19.7	2.9	142.10
-75	120	21.0	5.5	143.50
-75	110	21.3	5.5	143.90
-75	100	20.6	5.8	145.70
-75	90	19.5	4.7	147.10
-75	80	18.3	2.8	145.10
-75	70	17.8	2.4	142.40
-75	60	19.3	3.2	141.60
-75	50	20.2	3.8	143.60
-75	40	19.4	3.4	139.90
-75	30	20.4	3.4	138.30
-75	20	22.0	4.4	137.20
-75	10	21.9	4.8	136.80
-75	0	23.5	4.7	140.20
-75	-10	22.8	4.9	140.70

REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
	-75	-20	21.4	3.5	143.40
	-75	-30	20.2	2.1	142.70
	-75	-40	19.7	2.4	141.20
	-75	-50	20.6	3.5	139.70
	-75	-60	21.9	4.4	139.20
	-75	-70	22.5	5.2	138.60
	-75	-80	24.4	5.9	138.70
	-75	-90	26.2	7.4	136.90
	-75	-100	27.9	8.6	140.50
	-75	-110	27.9	7.8	141.30
	-75	-120	27.5	8.1	141.60
	-75	-130	26.1	7.0	141.90
	-75	-140	26.9	7.1	142.00
	-75	-150	26.5	6.9	142.10
	-75	-160	26.4	7.6	141.00
	-75	-170	27.8	8.5	144.30
	-75	-180	25.1	7.0	146.00
	-75	-190	25.1	6.7	144.50
	-75	-200	24.9	6.9	144.20
LINE	-100				
	-100	-270	-28.0	-12.0	170.30
	-100	-260	29.1	12.9	167.30
	-100	-250	29.7	12.1	165.00
	-100	-240	30.4	11.3	161.20
	-100	-230	29.6	11.2	157.10
	-100	-220	28.9	10.2	156.10
	-100	-210	28.0	8.6	153.80
	-100	-200	27.0	7.1	152.90
	-100	-190	27.4	6.4	153.20
	-100	-180	26.7	5.9	153.70
	-100	-170	28.7	6.3	153.80
	-100	-160	29.0	6.4	150.90
	-100	-150	29.1	6.1	151.80
	-100	-140	28.6	6.3	150.50
	-100	-130	29.5	6.3	150.70
	-100	-120	29.2	7.0	149.90
	-100	-110	29.6	8.3	149.80
	-100	-100	30.3	9.4	145.20
	-100	-90	29.5	8.6	145.20
	-100	-80	29.1	8.9	143.20
	-100	-70	26.9	7.0	143.60
	-100	-60	25.5	5.5	145.50
	-100	-50	24.4	4.4	150.10
	-100	-40	22.9	3.7	153.70
	-100	-30	23.4	3.5	157.90
	-100	-20	24.3	4.6	162.40
	-100	-10	24.5	5.7	163.80
	-100	0	25.2	5.6	166.40
	-100	10	25.1	5.5	160.90
	-100	20	24.7	5.2	161.20
	-100	30	24.2	5.7	158.90
	-100	40	22.9	5.3	156.80
	-100	50	22.5	5.7	156.00
	-100	60	21.8	5.3	156.50
	-100	70	21.3	4.2	154.90
	-100	80	20.3	3.7	157.90
	-100	90	20.7	4.0	153.70
	-100	100	21.3	5.3	151.90
	-100	110	21.0	5.2	147.70
	-100	120	20.2	4.3	144.80
	-100	130	19.4	3.9	143.60
	-100	140	18.4	1.9	142.20
	-100	150	16.7	0.0	144.70
	-100	160	16.5	-0.4	146.20

REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
	-100	170	17.4	-1.0	147.20
	-100	180	19.8	-0.8	147.50
	-100	190	23.0	-0.4	145.60
	-100	200	23.9	-1.2	144.80
	-100	210	26.9	0.2	140.00
	-100	220	25.7	-1.5	132.80
	-100	230	24.5	-1.8	131.90
	-100	240	22.8	-2.1	131.60
	-100	250	21.9	-2.5	129.40
	-100	260	20.2	-3.6	129.60
	-100	270	18.8	-3.3	130.30
	-100	280	20.0	-2.9	131.60
	-100	290	20.0	-3.3	131.30
	-100	300	21.1	-2.4	133.20
	-100	310	24.8	-0.4	131.20
	-100	320	24.1	1.2	124.30
	-100	330	22.5	-0.1	124.00
	-100	340	20.7	-1.1	121.60
	-100	350	19.5	-0.2	121.50
	-100	360	17.2	-1.7	119.50
	-100	370	14.6	-2.7	119.80
	-100	380	11.3	-4.5	125.20
	-100	390	9.3	-6.0	133.30
	-100	400	9.3	-5.4	143.70
	-100	410	13.1	-3.4	151.00
	-100	410	15.0	-2.2	155.90
	-100	420	18.1	-0.4	154.80
	-100	430	19.9	0.1	148.10
	-100	440	19.9	-0.2	146.70
	-100	450	20.5	0.0	147.60
	-100	460	21.9	0.9	145.70
	-100	470	22.7	1.3	142.40
	-100	480	21.2	0.4	141.00
	-100	490	20.9	0.4	141.20
	-100	500	20.5	-0.2	141.50
	-100	510	22.3	0.0	141.00
	-100	520	26.0	3.0	136.70
	-100	530	22.9	1.8	135.60
	-100	540	24.2	2.4	134.90
	-100	550	23.6	3.1	132.90
	-100	560	22.1	2.4	129.80
	-100	570	20.4	0.8	129.60
	-100	580	21.4	2.4	130.70
	-100	590	22.6	4.7	126.70
	-100	600	22.5	5.9	126.40
	-100	610	21.7	5.9	123.50
	-100	620	20.5	4.6	122.20
	-100	630	18.7	3.6	119.80
	-100	640	17.1	1.8	122.30
	-100	650	16.0	1.4	122.70
	-100	660	16.8	2.2	125.00
	-100	670	18.1	3.2	125.00
	-100	680	20.5	5.4	124.00
	-100	690	21.9	6.6	120.90
	-100	700	21.9	7.9	117.50
LINE	-125				
	-125	750	8.8	2.0	108.70
	-125	740	12.7	3.3	108.30
	-125	730	14.2	4.3	107.50
	-125	720	16.7	5.4	109.10
	-125	710	18.4	6.4	109.90
	-125	700	20.5	7.2	113.20
	-125	690	20.6	6.6	115.90
	-125	680	19.1	5.1	118.70

REFERENDUM VLF SURVEY

<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
-125	670	16.7	3.4	118.60
-125	660	15.8	3.0	116.90
-125	650	15.6	2.5	116.10
-125	640	15.5	2.1	114.70
-125	630	15.9	2.6	113.60
-125	620	17.5	3.8	113.20
-125	610	18.4	3.9	113.80
-125	600	15.6	1.5	113.40
-125	590	17.6	2.2	113.10
-125	580	15.3	1.0	113.90
-125	570	16.7	1.5	112.00
-125	560	18.4	2.3	111.00
-125	550	20.4	2.0	113.80
-125	540	19.5	1.4	116.30
-125	530	19.3	0.7	115.70
-125	520	18.3	-0.1	117.40
-125	510	17.4	-0.6	117.30
-125	500	17.7	-0.5	117.20
-125	490	16.8	-0.5	115.40
-125	480	19.0	0.9	116.30
-125	470	15.3	-1.0	117.30
-125	460	14.1	-1.2	116.60
-125	450	13.0	-1.4	114.80
-125	440	13.2	-1.1	115.30
-125	430	11.7	-1.8	114.60
-125	420	9.9	-2.4	113.50
-125	410	6.6	-4.7	113.60
-125	400	8.2	-5.2	108.50
-125	390	9.9	-3.9	107.20
-125	380	12.0	-3.7	106.10
-125	370	14.5	-2.8	104.00
-125	360	17.8	-1.1	105.40
-125	350	19.2	-0.3	105.70
-125	340	19.4	-1.7	107.20
-125	330	20.6	-1.5	106.60
-125	320	22.2	-0.4	107.50
-125	310	23.6	0.7	108.80
-125	300	23.3	0.1	112.70
-125	290	23.0	-0.6	114.40
-125	280	21.4	-2.0	117.10
-125	270	19.1	-3.6	116.20
-125	260	18.6	-4.2	114.50
-125	250	19.2	-4.5	112.60
-125	240	21.8	-3.4	111.50
-125	230	22.5	-2.2	112.30
-125	220	25.3	-0.1	114.40
-125	210	22.7	-1.1	120.80
-125	200	18.8	-1.4	119.00
-125	190	19.0	-3.3	190.70
-125	180	17.6	-2.5	190.80
-125	170	15.8	-1.8	185.80
-125	160	16.0	-1.0	186.90
-125	150	16.3	-0.5	183.30
-125	140	16.7	0.2	181.10
-125	130	17.5	2.0	176.90
-125	120	19.0	2.4	177.20
-125	110	21.0	3.7	178.40
-125	100	21.2	3.6	182.20
-125	90	20.8	2.5	180.10
-125	80	20.3	3.7	173.80
-125	70	20.9	2.9	172.60
-125	60	21.7	3.2	170.90
-125	50	21.6	3.7	169.50
-125	40	22.4	3.4	167.40

REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
	-125	30	23.7	3.1	167.70
	-125	20	22.1	3.2	166.00
	-125	10	23.3	3.4	162.80
	-125	0	23.8	3.9	163.80
	-125	-10	24.0	4.2	158.40
	-125	-20	22.9	3.8	157.40
	-125	-30	22.8	3.4	152.10
	-125	-40	23.4	3.9	151.10
	-125	-50	24.1	4.1	150.00
	-125	-60	24.2	4.3	148.60
	-125	-70	26.0	5.2	147.70
	-125	-80	27.0	5.8	148.60
	-125	-90	28.2	6.4	149.60
	-125	-100	26.8	5.9	150.20
	-125	-110	28.1	5.4	149.30
	-125	-120	27.8	5.0	149.70
	-125	-130	26.7	4.2	150.30
	-125	-140	26.6	4.4	148.80
	-125	-150	25.4	4.1	147.70
	-125	-160	25.4	4.2	146.10
	-125	-170	24.3	4.0	144.90
	-125	-180	23.3	3.6	143.50
	-125	-190	23.9	4.2	142.10
	-125	-200	25.7	6.0	140.90
	-125	-210	26.3	6.8	141.20
	-125	-220	25.8	7.0	140.80
	-125	-220	27.3	7.9	139.30
LINE	-150				
	-150	500	*	*	*
	-150	490	*	*	*
	-150	480	*	*	*
	-150	470	*	*	*
	-150	460	*	*	*
	-150	450	*	*	*
	-150	440	*	*	*
	-150	430	*	*	*
	-150	420	*	*	*
	-150	410	*	*	*
	-150	400	*	*	*
	-150	390	*	*	*
	-150	380	*	*	*
	-150	370	*	*	*
	-150	360	*	*	*
	-150	350	*	*	*
	-150	340	*	*	*
	-150	330	*	*	*
	-150	320	*	*	*
	-150	310	*	*	*
	-150	300	*	*	*
	-150	290	*	*	*
	-150	280	*	*	*
	-150	270	*	*	*
	-150	260	*	*	*
	-150	250	*	*	*
	-150	240	*	*	*
	-150	230	*	*	*
	-150	220	*	*	*
	-150	210	*	*	*
	-150	200	*	*	*
	-150	190	*	*	*
	-150	180	*	*	*
	-150	170	*	*	*
	-150	160	*	*	*
	-150	150	*	*	*

REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
	-150	140	*	*	*
	-150	130	*	*	*
	-150	120	*	*	*
	-150	110	*	*	*
	-150	100	*	*	*
	-150	90	*	*	*
	-150	80	*	*	*
	-150	70	*	*	*
	-150	60	*	*	*
	-150	50	*	*	*
	-150	40	*	*	*
	-150	30	*	*	*
	-150	20	*	*	*
	-150	10	*	*	*
	-150	0	20.3	5.3	106.40
	-150	-10	20.9	5.8	105.10
	-150	-20	20.9	5.1	104.70
	-150	-30	21.3	5.1	103.90
	-150	-40	22.4	6.1	103.20
	-150	-50	23.3	6.1	103.20
	-150	-60	24.5	6.2	102.30
	-150	-70	25.7	7.8	103.70
	-150	-80	27.7	7.2	104.40
	-150	-90	28.1	7.1	105.90
	-150	-100	25.0	5.7	107.00
	-150	-110	25.4	5.2	106.60
	-150	-120	24.7	4.9	107.40
	-150	-130	25.0	4.9	107.50
	-150	-140	23.2	4.3	107.00
	-150	-150	23.3	4.4	107.10
	-150	-160	21.4	4.1	106.70
	-150	-170	22.0	3.8	106.80
	-150	-180	21.9	3.8	106.30
	-150	-190	21.6	3.8	103.60
	-150	-200	23.6	5.4	103.80
LINE	-175				
	-175	-200	26.3	5.3	126.30
	-175	-190	25.3	4.2	125.80
	-175	-180	24.3	3.3	125.90
	-175	-170	24.4	3.3	127.70
	-175	-160	24.6	3.6	128.10
	-175	-150	24.2	3.1	124.10
	-175	-140	25.3	3.0	123.70
	-175	-130	26.3	3.8	122.20
	-175	-120	26.1	4.2	122.80
	-175	-110	27.1	4.5	122.00
	-175	-100	29.2	5.9	121.60
	-175	-90	31.5	8.8	117.30
	-175	-80	30.6	8.0	115.80
	-175	-70	31.5	9.4	112.70
	-175	-60	31.5	10.6	109.50
	-175	-50	28.5	9.8	107.10
	-175	-40	26.1	7.5	106.00
	-175	-30	23.5	6.4	106.50
	-175	-20	22.4	5.7	106.70
	-175	-10	21.7	6.5	107.20
	-175	0	20.7	6.7	106.00
	-175	10	*	*	*
	-175	20	*	*	*
	-175	30	*	*	*
	-175	40	*	*	*
	-175	50	*	*	*
	-175	60	*	*	*
	-175	70	*	*	*

REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
	-175	80	*	*	*
	-175	90	*	*	*
	-175	100	*	*	*
	-175	110	*	*	*
	-175	120	*	*	*
	-175	130	*	*	*
	-175	140	*	*	*
	-175	150	*	*	*
	-175	160	*	*	*
	-175	170	*	*	*
	-175	180	*	*	*
	-175	190	*	*	*
	-175	200	*	*	*
	-175	210	*	*	*
	-175	220	*	*	*
	-175	230	*	*	*
	-175	240	*	*	*
	-175	250	*	*	*
	-175	260	*	*	*
	-175	270	*	*	*
	-175	280	*	*	*
	-175	290	*	*	*
	-175	300	*	*	*
	-175	310	*	*	*
	-175	320	*	*	*
	-175	330	*	*	*
	-175	340	*	*	*
	-175	350	*	*	*
	-175	360	*	*	*
LINE	-200	300	*	*	*
	-200	290	*	*	*
	-200	280	*	*	*
	-200	270	*	*	*
	-200	260	*	*	*
	-200	250	*	*	*
	-200	240	*	*	*
	-200	230	*	*	*
	-200	220	*	*	*
	-200	210	*	*	*
	-200	200	*	*	*
	-200	190	*	*	*
	-200	180	*	*	*
	-200	170	*	*	*
	-200	160	*	*	*
	-200	150	*	*	*
	-200	140	*	*	*
	-200	130	*	*	*
	-200	120	*	*	*
	-200	110	*	*	*
	-200	100	*	*	*
	-200	90	*	*	*
	-200	80	*	*	*
	-200	70	*	*	*
	-200	60	*	*	*
	-200	50	*	*	*
	-200	40	*	*	*
	-200	30	*	*	*
	-200	20	*	*	*
	-200	10	*	*	*
	-200	0	-19.7	-2.7	136.70
	-200	-10	20.6	2.8	132.60
	-200	-20	21.2	3.9	130.00
	-200	-30	23.9	4.3	128.20

REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
	-200	-40	24.9	5.3	129.10
	-200	-50	27.3	6.0	135.80
	-200	-60	29.7	7.0	136.90
	-200	-70	30.6	7.5	140.60
	-200	-80	30.9	7.5	142.10
	-200	-90	30.9	6.1	148.40
	-200	-100	25.5	3.5	148.80
	-200	-110	22.9	1.2	146.40
	-200	-120	22.2	1.4	146.10
	-200	-130	21.3	0.8	145.10
	-200	-140	20.8	0.2	144.20
	-200	-150	19.6	-0.2	143.40
	-200	-160	20.4	0.0	141.30
	-200	-170	19.6	0.3	139.10
	-200	-180	20.7	0.5	139.40
	-200	-190	21.3	1.7	138.40
	-200	-200	21.9	2.6	137.80
LINE	-225				
	-225	-200	22.2	2.4	127.80
	-225	-190	21.0	1.4	127.90
	-225	-180	19.6	0.4	126.40
	-225	-170	18.5	-1.0	129.10
	-225	-160	18.7	-1.1	132.60
	-225	-150	19.6	-0.2	133.00
	-225	-140	22.2	0.7	132.70
	-225	-130	22.6	2.0	130.70
	-225	-120	23.6	3.1	130.00
	-225	-110	26.2	4.8	128.40
	-225	-100	27.5	6.2	128.20
	-225	-90	30.1	7.8	125.30
	-225	-80	31.6	9.0	120.20
	-225	-70	31.1	7.9	117.20
	-225	-60	30.3	8.9	116.20
	-225	-50	28.9	9.6	110.30
	-225	-40	26.8	8.4	110.70
	-225	-30	24.4	6.8	110.50
	-225	-20	22.6	5.6	110.20
	-225	-10	21.1	5.9	111.80
	-225	0	19.7	4.4	112.20
	-225	10	*	*	*
	-225	20	*	*	*
	-225	30	*	*	*
	-225	40	*	*	*
	-225	50	*	*	*
	-225	60	*	*	*
	-225	70	*	*	*
	-225	80	*	*	*
	-225	90	*	*	*
	-225	100	*	*	*
	-225	110	*	*	*
	-225	120	*	*	*
	-225	130	*	*	*
	-225	140	*	*	*
	-225	150	*	*	*
	-225	160	*	*	*
	-225	170	*	*	*
	-225	180	*	*	*
	-225	190	*	*	*
	-225	200	*	*	*
LINE	-250				
	-250	200	*	*	*
	-250	190	*	*	*
	-250	180	*	*	*
	-250	170	*	*	*

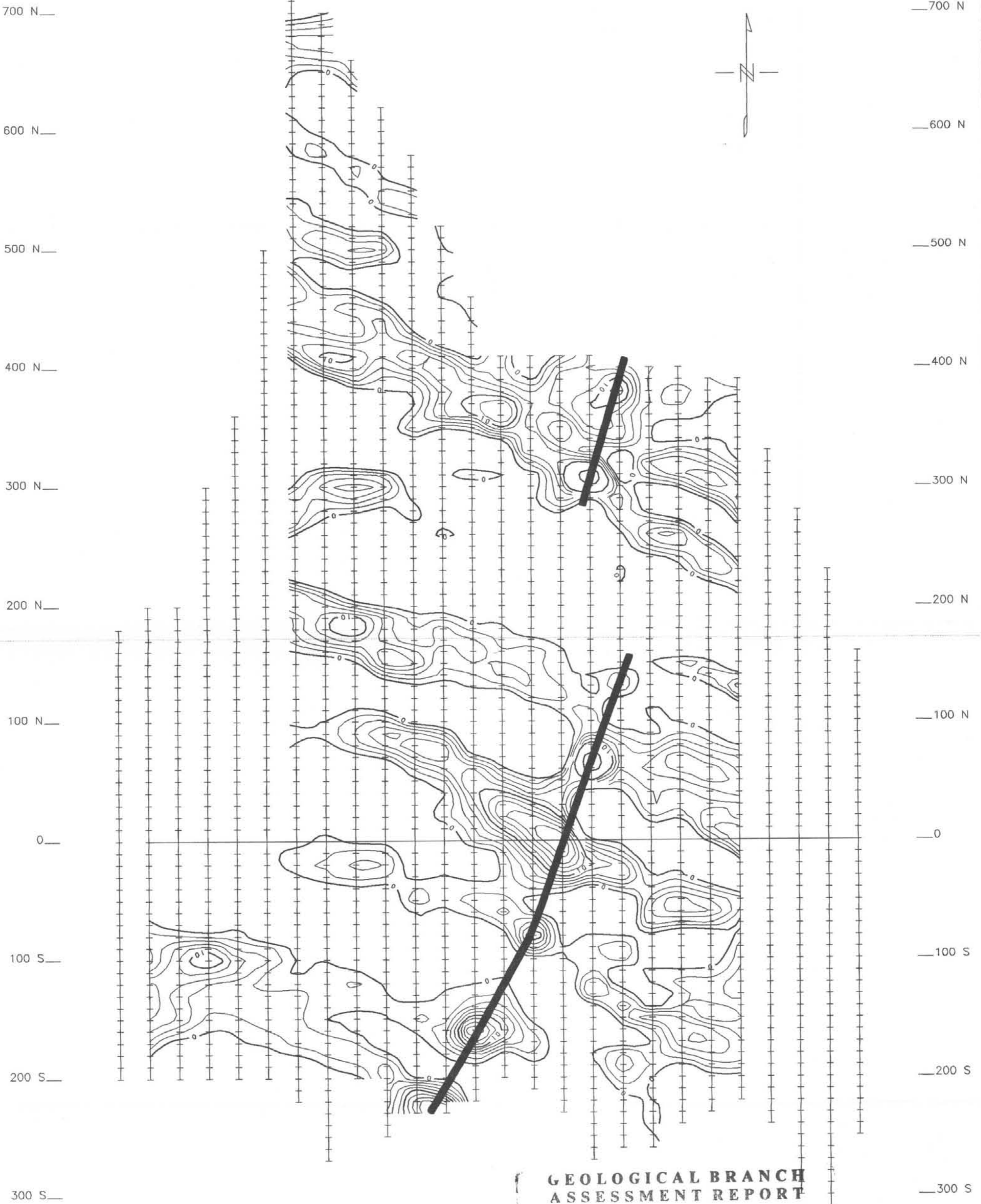
REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
	-250	160	*	*	*
	-250	150	*	*	*
	-250	140	*	*	*
	-250	130	*	*	*
	-250	120	*	*	*
	-250	110	*	*	*
	-250	100	*	*	*
	-250	90	*	*	*
	-250	80	*	*	*
	-250	70	*	*	*
	-250	60	*	*	*
	-250	50	*	*	*
	-250	40	*	*	*
	-250	30	*	*	*
	-250	20	*	*	*
	-250	10	*	*	*
	-250	0	16.9	0.8	116.50
	-250	-10	17.9	1.5	115.60
	-250	-20	21.3	1.2	115.50
	-250	-30	22.5	3.0	115.60
	-250	-40	25.0	3.5	116.90
	-250	-50	26.9	5.3	116.70
	-250	-60	27.5	5.5	119.00
	-250	-70	27.5	5.0	122.90
	-250	-80	27.0	4.6	124.90
	-250	-90	25.6	3.9	126.50
	-250	-100	26.1	3.9	128.40
	-250	-110	25.8	4.0	130.30
	-250	-120	23.9	2.1	135.80
	-250	-130	21.1	0.0	136.70
	-250	-140	18.5	-1.6	136.80
	-250	-150	16.4	-3.3	138.10
	-250	-160	14.6	-4.4	137.90
	-250	-170	13.2	-5.3	136.50
	-250	-180	13.0	-5.5	133.60
	-250	-190	12.9	-5.1	131.80
	-250	-200	14.8	-2.7	130.00
LINE	-275				
	-275	-200	*	*	*
	-275	-190	*	*	*
	-275	-180	*	*	*
	-275	-170	*	*	*
	-275	-160	*	*	*
	-275	-150	*	*	*
	-275	-140	*	*	*
	-275	-130	*	*	*
	-275	-120	*	*	*
	-275	-110	*	*	*
	-275	-100	*	*	*
	-275	-90	*	*	*
	-275	-80	*	*	*
	-275	-70	*	*	*
	-275	-60	*	*	*
	-275	-50	*	*	*
	-275	-40	*	*	*
	-275	-30	*	*	*
	-275	-20	*	*	*
	-275	-10	*	*	*
	-275	0	*	*	*
	-275	10	*	*	*
	-275	20	*	*	*
	-275	30	*	*	*
	-275	40	*	*	*
	-275	50	*	*	*

REFERENDUM VLF SURVEY

	<u>EAST (m)</u>	<u>NORTH (m)</u>	<u>IN PHASE</u>	<u>QUADRATURE</u>	<u>TOTAL FIELD</u>
	-275	60	*	*	*
	-275	70	*	*	*
	-275	80	*	*	*
	-275	90	*	*	*
	-275	100	*	*	*
	-275	110	*	*	*
	-275	120	*	*	*
	-275	130	*	*	*
	-275	140	*	*	*
	-275	150	*	*	*
	-275	160	*	*	*
	-275	170	*	*	*
	-275	180	*	*	*
BASE	0				
	-250	0	*	*	*
	350	0	*	*	*

200 W 100 W 0 100 E 200 E 300 E



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200 W 100 W 0 100 E 200 E 300 E

Scale 1:2500
50 0 50 100 150
(metres)

FORMOSA RESOURCES CORPORATION

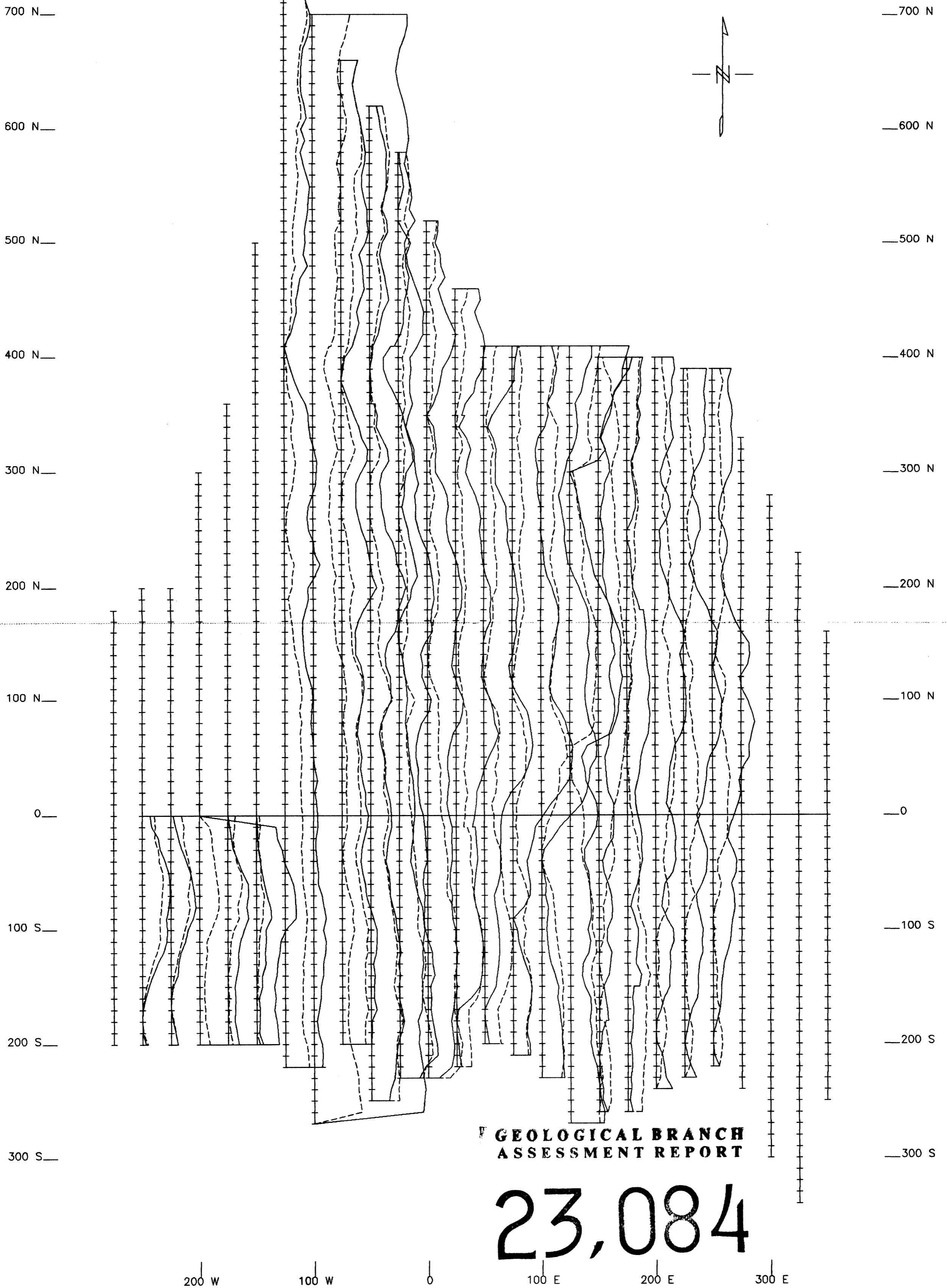
REFERENDUM PROPERTY
NELSON, B.C.

VLF SURVEY - 24.8 kHz (SEATTLE)
FRASER FILTERED IN-PHASE COMPONENT (PERCENT)
CONTOUR

SEPT./92 - OCT./92

FIGURE: 3

200 W 100 W 0 100 E 200 E 300 E



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

23,084

FORMOSA RESOURCES CORPORATION

REFERENDUM PROPERTY
NELSON, B.C.

VLF SURVEY - 24.8 kHz (SEATTLE)
IN-PHASE PERCENT (SOLID) & QUADRATURE PERCENT (DASHED)
PROFILE VERTICAL SCALE: 1 CM = 15 PERCENT

SEPT./92 - OCT./92

FIGURE: 4