

MINISTRY OF ENERGY, MINES
AND PETROLEUM RESOURCES
Rec'd
JAN 5 1993
SUBJECT _____
FILE _____
VANCOUVER, B.C.

| | | |
|----------|-------------|-----|
| LOG NO: | JAN 15 1993 | RD. |
| ACTION: | | |
| FILE NO: | | |

GEOPHYSICAL REPORT ON THE HUNGER PROPERTY
(HUNGER 1 - 5 CLAIMS)

N.T.S. 82G/2E
49°10'00" NORTH, 114°40'30" WEST
FLATHEAD AREA
FORT STEELE MINING DIVISION
SOUTHEASTERN BRITISH COLUMBIA

GEOLOGICAL BRANCH
ASSESSMENT REPORT

for **22,736**

FORMOSA RESOURCES CORPORATION

by

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

December 15, 1992

Owner: Raymond Morris
Operator: Formosa Resources Corporation

CONTENTS

| | Page |
|---------------------|------|
| Introduction | 1 |
| History | 1 |
| Property | 3 |
| Location and Access | 3 |
| Physiography | 3 |
| Claims | 3 |
| Regional Geology | 5 |
| Property Geology | 5 |
| Stratigraphy | 5 |
| Structure | 6 |
| Trenching | 6 |
| Radiometric Survey | 6 |
| Procedure | 6 |
| Results | 7 |
| Conclusions | 7 |
| References | 8 |
| Cost Statement | 9 |
| Certificate | 10 |

FIGURES

| | Page |
|------------------------------|-----------|
| 1 Location Map | 2 |
| 2 Claims Mapp | 4 |
| 3 Radiometric Survey Results | in pocket |

APPENDICES

| | |
|------------|-------------------------|
| Appendix I | Radiometric Survey Data |
|------------|-------------------------|

FORMOSA RESOURCES CORPORATION

COLUMBIA PROJECT

PROPERTY LOCATION MAP

Hunger Claims

0 10 20 30 40 50 Kilometres

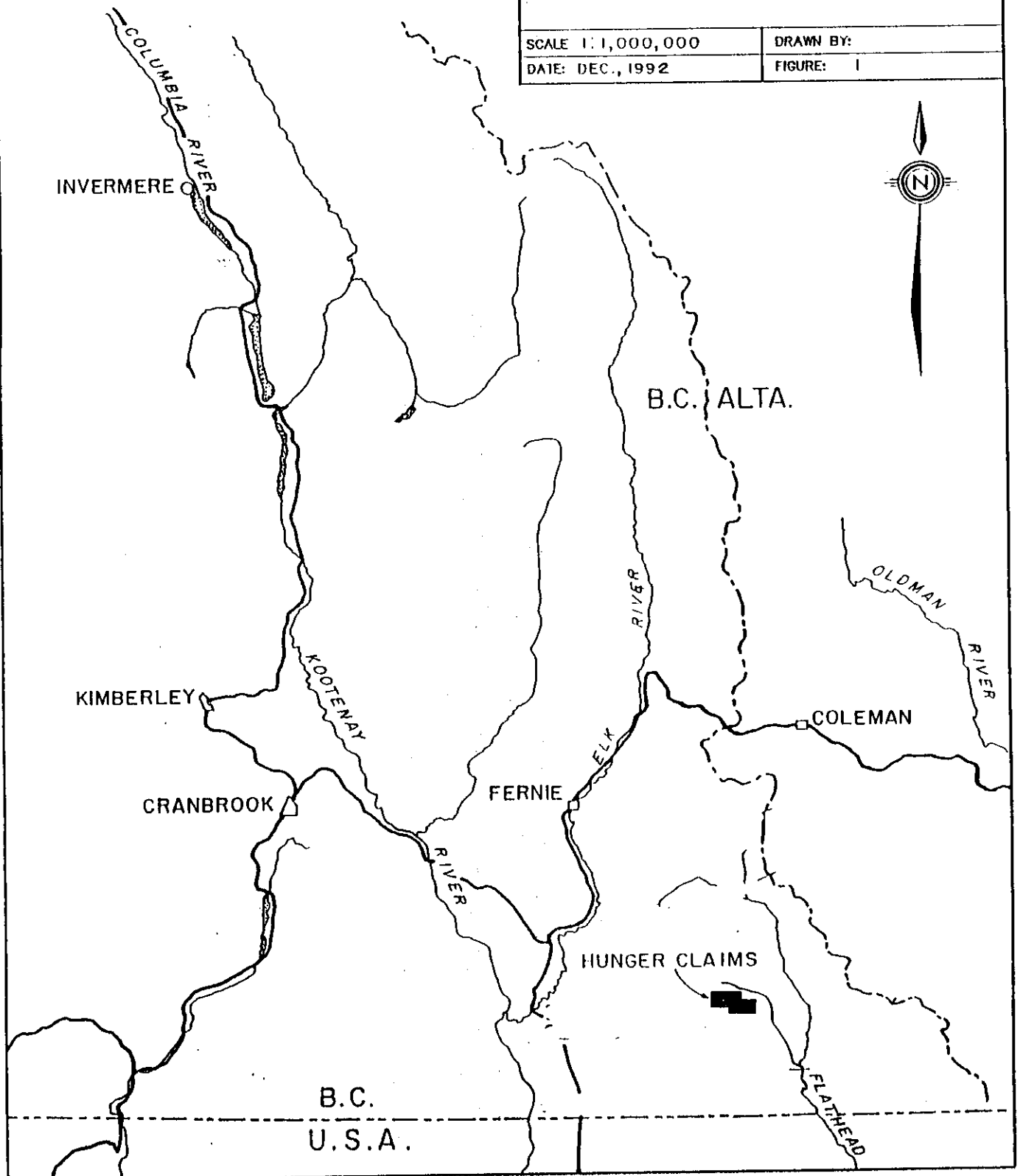


SCALE 1:1,000,000

DRAWN BY:

DATE: DEC., 1992

FIGURE: 1



PROPERTY

Location and Access

The Hunger claims are in the Fort Steele Mining Division, 45 kilometres south-southeast of the town of Fernie. They can be reached by vehicle from Morrissey turnoff on B.C. Hwy #3. Cabin Creek Road heads west from Flathead River Main near the point that Flathead Road crosses Howell Creek. The Cabin Creek Road is followed westerly for 12 kilometres to the property, which can be reached via Leslie Creek road.

Physiography

Elevations on the Hunger property range from 1750 to 2000 metres. Most of the claimed area has been recently logged and is now covered only by small plants. Stands of spruce and fir are present on the rest of the property. The region involved is shown on 1:125,000 scale topographic map 82 G/SE "Flathead".

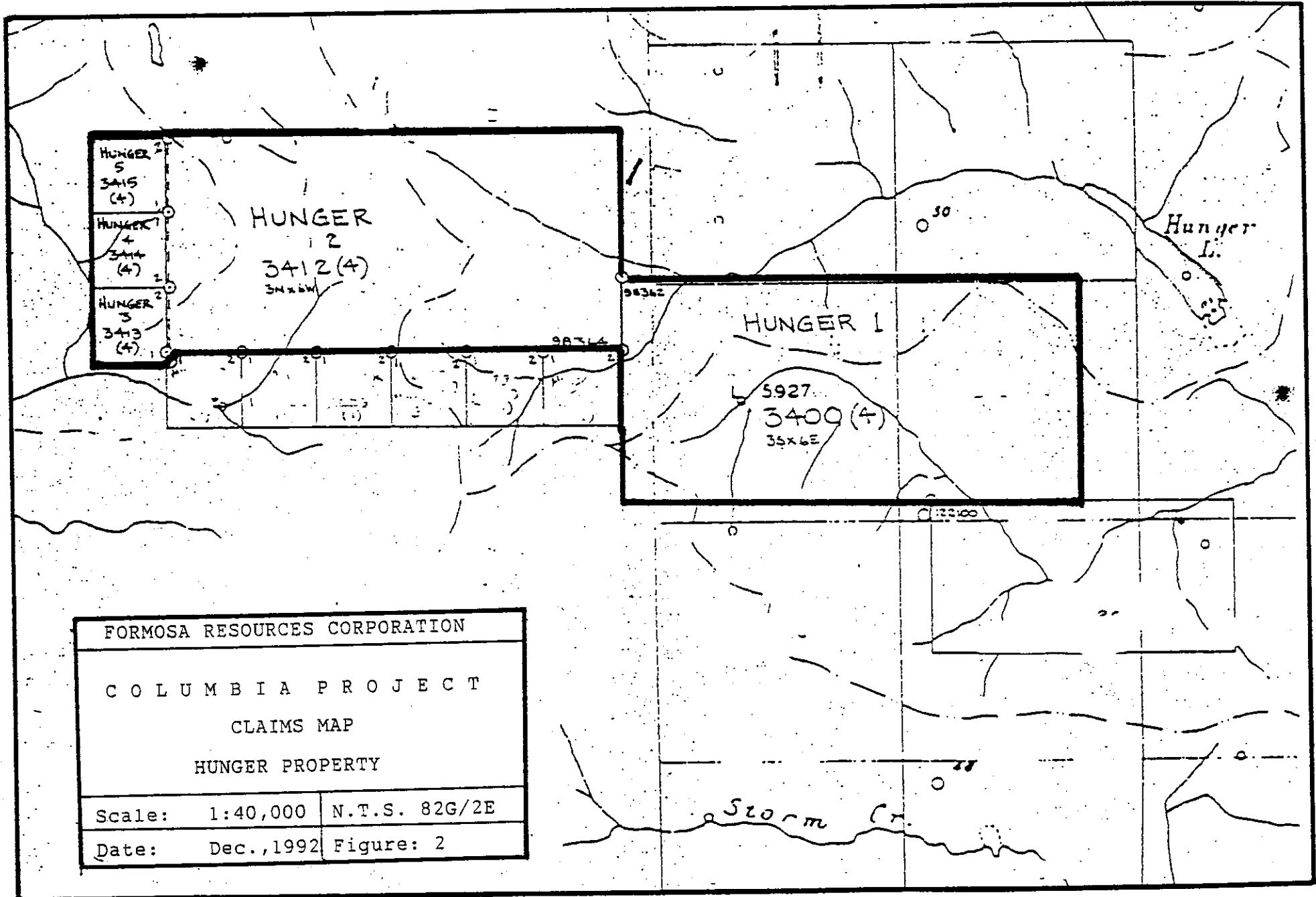
CLAIMS

The Hunger property consists of the following 3 two-post and 2 metric four-post claims as follows:

| Name | Units | Tenure No. | Expiry* |
|----------|-------|------------|----------------|
| Hunger 1 | 18 | 210603 | April 13, 1994 |
| Hunger 2 | 18 | 210615 | April 14, 1994 |
| Hunger 3 | 1 | 210616 | April 14, 1994 |
| Hunger 4 | 1 | 210617 | April 14, 1994 |
| Hunger 5 | 1 | 210618 | April 14, 1994 |

Control of the Hunger property reverted back to Mr. Morris on November 30, 1992, following Formosa's decision to quit the Columbia project entirely.

* Upon acceptance of this report



FORMOSA RESOURCES CORPORATION

COLUMBIA PROJECT

CLAIMS MAP

HUNGER PROPERTY

Scale: 1:40,000 N.T.S. 82G/2E

Date: Dec., 1992 Figure: 2

REGIONAL GEOLOGY

The Hunger Lake region is underlain by Upper Paleozoic and Mesozoic strata that were deposited off the western margin of North America between the Permian and late Jurassic. In the vicinity of the claims, phosphatic horizons occur within the Permian Ranger Canyon Formation of the Ishbel Group and at the base of the Jurassic Fernie Group. The thickest and most continuous phosphorite horizon is the one at the base of the Fernie Group.

PROPERTY GEOLOGY

The Hunger claims are underlain by sedimentary rocks which range from Mississippian to Lower Cretaceous in age. Previous geological mapping undertaken by Jennifer Pell and Ray Morris delineated the surface trace of basal Fernie Group phosphorite horizon which marks the Triassic-Jurassic boundary on the claims.

Stratigraphy

The Hunger claims are underlain by strata correlative with the Ranger Canyon Formation of the Permian Ishbel Group, the Sulphur Mountain Formation of the Triassic Spray River Group and the Jurassic Fernie Group. Mississippian Rundle Group limestones are exposed in the core of a major anticline immediately east of the property, and late Jurassic to early Cretaceous sandstones and siltstones of the Kootenay Formation are exposed on ridge-crests northwest of the claims.

Phosphatic strata were noted within this formation at a locality, southwest of Cabin Creek. There, dark grey phosphate nodules occur in medium grey to dark brown weathering, calcareous siltstones to fine-grained sandstones. The nodules contain 20 percent P_2O_5 and 200 ppm yttrium; representative material from this horizon contains about 10 percent P_2O_5 and 175 ppm yttrium. The phosphatic strata are near the top of the Ranger Canyon Formation and, in this location, are underlain by grey tombstones or dolomitic siltstones that have a fragmental or brecciated texture and contain disseminated bitumen.

Fernie Group rocks are recessive weathering and poorly exposed. Where the base of the Group is exposed, it is marked by a phosphorite horizon that ranges between one and 3.5 metres thick. It generally consists of two poorly consolidated gritty pelletal phosphorite layers separated by a thin brown shale itself containing an intermediary phosphatic horizon. Brown and black shales overlie the phosphorites and, south of Cabin Creek, one or more yellow bentonite beds mark the top of the phosphatic sequence.

Monotonous fissile black shales overlie the basal Fernie phosphorites. Higher up in the sequence, buff to orange weathering tombstones, "chocolate-block" boudinaged, dark grey siltstone layers, light grey limestone beds and light grey calcareous shales occur within the Fernie Group.

Structure

The structure of the Hunger Lake area is dominated by northwest-southeast trending folds and thrust faults. The western margin of the area is marked by the MacDonald Thrust, a major regional structure. Two anticlines, cored by thrust faults and the intervening syncline, produce the outcrop patterns observed. The south-westernmost of the two anticlines is characterized by a modified "donut-shaped" outcrop pattern, indicative of a domal, or doubly-plunging structure.

TRENCHING

Fernie Group rocks are poorly exposed so in order to measure sections through the basal phosphorite horizon trenches were excavated. In the course of evaluating the economic potential of this horizon in the Hunger Lake area, samples were collected from 8 hand trenches, 9 backhoe trenches and 3 outcrops in 1990 (Pell 1991). In most cases hand trenches involved digging into banks and removing earth and slumped material to exposed sections. Measured sections (Pell, 1990) averaged about 21 percent P_2O_5 and 600 ppm yttrium across average thicknesses a metre.

It was determined that there is a direct relationship between yttrium and phosphate values in the basal Fernie Group strata. In the simplest of terms, as the phosphate content of the rock increases, so does the yttrium. There is also a direct correlation between phosphate grades and radioactivity. Radioactivity, as measured by hand held scintillometers, is about five times background in the vicinity of phosphate rock.

RADIOMETRIC SURVEY

It was determined that a systematic grid controlled radiometric survey might be an economical method of delineating the surface trace of poorly exposed phosphate beds in the Hunger Lake area prior to trenching.

Procedure

A grid was established over an approximately 400 by 2,000 metre area considered to have potential for a relatively high grade phosphate mineralization. The area selected is located in the vicinity of key showings situated between Leslie Creek and Hunger Lake. The region involved comprises

a gently sloping hillside mantled by a shallow covering of soil and regolith.

A baseline was surveyed in using a Topofil "chain" running 130° AST (parallel to Leslie Creek) with cross-lines placed at right angles to the north (040°) as indicated on figure 3A. Stations were established at 10 metre intervals on lines 100 metres apart. For reference purposes, base-line station 10 East corresponds to Forestry "mileage" marker 73k on the main logging road passing through the centre of the Hunger claim block

The survey instrument employed was a Series II Saphymo-Stel SPP2NF scintillometer (Serial No. 2892) operated on the most sensitive setting. Readings were recorded in a surveyor's field book and subsequently transferred to an electronic data base for computer analysis.

Results

Results are provided in Appendix I and shown contoured on figure 3B (see pocket). To facilitate interpretation, posted data has been contoured at 5 cps intervals using a GEOSOFT INC. universal contouring program. The anomaly immediately "north" of the base-line corresponds to the target phosphate horizon. It is "smeared" downslope somewhat probably due to both natural downslope soil movement and disruption caused by recent logging operations. Also, the size of the anomaly seems to be exaggerated in the vicinity of Leslie Creek owing to fluvial transport of phosphatic sand from water eroded phosphorite exposures upstream.

For interpreted the location of the phosphate horizon projected from the geophysical data is indicated on figure 3B.

CONCLUSIONS

The phosphate horizon which occurs on the Hunger mineral claims contains, in addition to P_2O_5 , anomalous concentrations of yttrium. This unit displays elevated radiometric levels which show up in the radiometric survey results presented herein. Notwithstanding complications arising from transported soil effects, the technique should be a useful guide to mapping and prospecting.

In conclusion, the grid controlled "orientation" survey described in this report demonstrated a satisfactory correlation between the surface trace of the phosphate horizon and the geophysical response. Further radiometric work on a tightly spaced grid would almost certainly be useful in helping to define future trenching targets.

REFERENCES

- Anonymous (1992) Geosoft Mapping System, General Purpose Computer Mapping System for Geological, Geochemical and Geophysical Data, Copyright GEOSOFT Inc., Toronto, Canada
- Christie, R.L. (1979) Phosphorites in sedimentary basins of western Canada; in Current Research, Part B, Geological Survey of Canada, Paper 79-1B, pp. 253-258
- Hartley, G.S. (1982) Investigation of phosphate mineralization on the Cabin Creek claims #1-45 and on the Zip #1 claim; BC Ministry of Energy, Mines and Petroleum Resources, Assessment Report 10135.
- Pell, Jennifer (1990) Geological, Lithogeochemical & Trenching Report on the Hunger and Bighorn Claims; Fort Steele Mining Division; BC Ministry of Energy, Mines and Petroleum Resources, Assessment Report.
- Telfer, L. (1933) Phosphate in the Canadian Rockies; The Canadian Mining and Metallurgical Bulletin-1933, No. 260, pp. 566-605.

COST STATEMENT

**STATEMENT OF COSTS
(1992 Hunger Property Program)**

Wages and Professional Fees:

| | | |
|---|---------------------|-----------------------|
| D. G. Leighton | | |
| July 1 to July 10/92 | 10 days @ \$300/day | \$3,000 |
| K.I. Lu | | |
| July 1 to July 5/92 | 5 days @ \$250/day | 1,250 |
| Truck Rental (4X4) | | |
| Ten days @ \$40/day | | 600 |
| Instrument Rental (SPP2NF scintillometer) | | |
| Ten days | | 100 |
| Meals and accommodation | | |
| 15 man days @ \$30/man/day | | 450 |
| Contract Engineering Charge | | |
| 15% of Fees | | <u>637</u> |
| SURVEY TOTAL | | <u>\$6,037</u> |

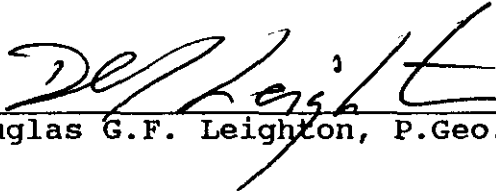
CERTIFICATE

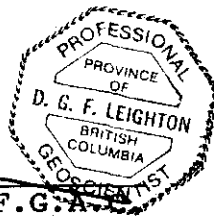
CERTIFICATE OF QUALIFICATION

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

1. I am a Consulting Geologist with offices at 3806 - 254th Street, Aldergrove, B.C., VOX 1A0.
2. I am a graduate of the University of British Columbia, B.Sc., (1968).
3. I am a Fellow Member of the Geological Association of Canada.
4. I am a registered Professional Geoscientist of the Province of British Columbia.
5. I have practiced my profession as a Geologist since 1968.
6. I personally conducted the exploration program on the Hunger claims 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 Hunger Property, in the Columbia Project, 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 15th day of December, 1992.


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



APPENDIX I

Hunger Property Radiometric Survey Data

APPENDIX 1

HUNGER
RADIOMETRIC SURVEY DATA

| <u>EAST</u> | <u>NORTH</u> | <u>CPS</u> | <u>EAST</u> | <u>NORTH</u> | <u>CPS</u> |
|-------------|--------------|------------|-------------|--------------|------------|
| LINE | 300 | | LINE | 400 | |
| 300 | 0 | 40 | 400 | 0 | 40 |
| 300 | 10 | • | 400 | 10 | 45 |
| 300 | 20 | 40 | 400 | 20 | 40 |
| 300 | 30 | 35 | 400 | 30 | 40 |
| 300 | 40 | 40 | 400 | 40 | 35 |
| 300 | 50 | 40 | 400 | 50 | 45 |
| 300 | 60 | 45 | 400 | 60 | 45 |
| 300 | 70 | 40 | 400 | 70 | 45 |
| 300 | 80 | 40 | 400 | 80 | 40 |
| 300 | 90 | 45 | 400 | 90 | 55 |
| 300 | 100 | 45 | 400 | 100 | 45 |
| 300 | 110 | 45 | 400 | 110 | 55 |
| 300 | 120 | 45 | 400 | 120 | 50 |
| 300 | 130 | 40 | 400 | 130 | 50 |
| 300 | 140 | 45 | 400 | 140 | 55 |
| 300 | 150 | 40 | 400 | 150 | 45 |
| 300 | 160 | 45 | 400 | 160 | 45 |
| 300 | 170 | 40 | 400 | 170 | 50 |
| 300 | 180 | 40 | 400 | 180 | 45 |
| 300 | 190 | 40 | 400 | 190 | 45 |
| 300 | 200 | 40 | 400 | 200 | 45 |
| 300 | 210 | 45 | 400 | 210 | 45 |
| 300 | 220 | 40 | 400 | 220 | 40 |
| 300 | 230 | 45 | 400 | 230 | 40 |
| 300 | 240 | 40 | 400 | 240 | 55 |
| 300 | 250 | 45 | 400 | 250 | 45 |
| 300 | 260 | 40 | 400 | 260 | 40 |
| 300 | 270 | 40 | 400 | 270 | 40 |
| 300 | 280 | 45 | 400 | 280 | 35 |
| 300 | 290 | 45 | 400 | 290 | 35 |
| 300 | 300 | 40 | 400 | 300 | 40 |
| 300 | 310 | 45 | 400 | 310 | 45 |
| 300 | 320 | 40 | 400 | 320 | 45 |
| 300 | 330 | 45 | 400 | 330 | 40 |
| 300 | 340 | 40 | 400 | 340 | 40 |
| 300 | 350 | 40 | 400 | 350 | 45 |
| 300 | 360 | 40 | 400 | 360 | 45 |
| 300 | 370 | 45 | 400 | 370 | 40 |
| 300 | 380 | 40 | 400 | 380 | 40 |
| 300 | 390 | 45 | 400 | 390 | 45 |
| 300 | 400 | 50 | 400 | 400 | 40 |
| 300 | 410 | 35 | 400 | 410 | 45 |
| 300 | 420 | 40 | 400 | 420 | 35 |
| 300 | 430 | 45 | 400 | 430 | 40 |
| 300 | 440 | 45 | 400 | 440 | 40 |
| 300 | 450 | 40 | 400 | 450 | 40 |
| 300 | 460 | 40 | 400 | 460 | 40 |
| 300 | 470 | 45 | 400 | 470 | 45 |
| 300 | 480 | 40 | 400 | 480 | 40 |
| 300 | 490 | 40 | 400 | 490 | 45 |
| 300 | 500 | 40 | 400 | 500 | 40 |

APPENDIX 1

HUNGER
RADIOMETRIC SURVEY DATA

| <u>EAST</u> | <u>NORTH</u> | <u>CPS</u> | <u>EAST</u> | <u>NORTH</u> | <u>CPS</u> |
|-------------|--------------|------------|-------------|--------------|------------|
| LINE | 500 | | LINE | 600 | |
| 500 | 0 | 40 | 600 | 0 | 50 |
| 500 | 10 | 40 | 600 | 10 | 45 |
| 500 | 20 | 45 | 600 | 20 | 45 |
| 500 | 30 | 45 | 600 | 30 | 40 |
| 500 | 40 | 45 | 600 | 40 | 45 |
| 500 | 50 | 50 | 600 | 50 | 45 |
| 500 | 60 | 50 | 600 | 60 | 45 |
| 500 | 70 | 50 | 600 | 70 | 60 |
| 500 | 80 | 50 | 600 | 80 | 55 |
| 500 | 90 | 50 | 600 | 90 | 45 |
| 500 | 100 | 50 | 600 | 100 | 45 |
| 500 | 110 | 50 | 600 | 110 | 40 |
| 500 | 120 | 55 | 600 | 120 | 35 |
| 500 | 130 | 45 | 600 | 130 | 40 |
| 500 | 140 | 45 | 600 | 140 | 50 |
| 500 | 150 | 45 | 600 | 150 | 45 |
| 500 | 160 | 50 | 600 | 160 | 45 |
| 500 | 170 | 45 | 600 | 170 | 45 |
| 500 | 180 | 65 | 600 | 180 | 45 |
| 500 | 190 | 65 | 600 | 190 | 50 |
| 500 | 200 | 55 | 600 | 200 | 60 |
| 500 | 210 | 65 | 600 | 210 | • |
| 500 | 220 | 55 | 600 | 220 | 50 |
| 500 | 230 | 45 | 600 | 230 | 65 |
| 500 | 240 | 55 | 600 | 240 | • |
| 500 | 250 | 45 | 600 | 250 | * |
| 500 | 260 | 40 | 600 | 260 | * |
| 500 | 270 | 45 | 600 | 270 | * |
| 500 | 280 | 45 | 600 | 280 | * |
| 500 | 290 | 45 | 600 | 290 | * |
| 500 | 300 | 45 | 600 | 300 | • |
| 500 | 310 | 40 | 600 | 310 | • |
| 500 | 320 | 45 | 600 | 320 | * |
| 500 | 330 | 40 | 600 | 330 | • |
| 500 | 340 | 45 | 600 | 340 | • |
| 500 | 350 | 45 | 600 | 350 | • |
| 500 | 360 | 40 | 600 | 360 | • |
| 500 | 370 | 45 | 600 | 370 | * |
| 500 | 380 | 45 | 600 | 380 | * |
| 500 | 390 | • | 600 | 390 | • |
| 500 | 400 | • | 600 | 400 | * |
| 500 | 410 | * | 600 | 410 | * |
| 500 | 420 | * | 600 | 420 | * |
| 500 | 430 | • | 600 | 430 | * |
| 500 | 440 | • | 600 | 440 | * |
| 500 | 450 | • | 600 | 450 | * |
| 500 | 460 | * | 600 | 460 | * |
| 500 | 470 | • | 600 | 470 | * |
| 500 | 480 | * | 600 | 480 | • |
| 500 | 490 | * | 600 | 490 | * |
| 500 | 500 | * | 600 | 500 | * |

APPENDIX 1

HUNGER
RADIOMETRIC SURVEY DATA

| | <u>EAST</u> | <u>NORTH</u> | <u>CPS</u> | | <u>EAST</u> | <u>NORTH</u> | <u>CPS</u> |
|------|-------------|--------------|------------|------|-------------|--------------|------------|
| LINE | | 700 | | | 800 | 50 | 45 |
| | 700 | 0 | 45 | | 800 | 60 | 40 |
| | 700 | 10 | 45 | | 800 | 70 | 45 |
| | 700 | 20 | 50 | | 800 | 80 | 45 |
| | 700 | 30 | 40 | | 800 | 90 | 45 |
| | 700 | 40 | 30 | | 800 | 100 | 55 |
| | 700 | 50 | 35 | | 800 | 110 | 50 |
| | 700 | 60 | 50 | | 800 | 120 | 55 |
| | 700 | 70 | 40 | | 800 | 130 | 40 |
| | 700 | 80 | 45 | | 800 | 140 | 40 |
| | 700 | 90 | 40 | | 800 | 150 | 45 |
| | 700 | 100 | 45 | | 800 | 160 | 45 |
| | 700 | 110 | 45 | | 800 | 170 | 40 |
| | 700 | 120 | 50 | | 800 | 180 | 45 |
| | 700 | 130 | 50 | | 800 | 190 | 45 |
| | 700 | 140 | 40 | | 800 | 200 | 55 |
| | 700 | 150 | 45 | | 800 | 210 | 45 |
| | 700 | 160 | 50 | | 800 | 220 | 50 |
| | 700 | 170 | 45 | | 800 | 230 | 55 |
| | 700 | 180 | 40 | | 800 | 240 | 55 |
| | 700 | 190 | 40 | | 800 | 250 | 50 |
| | 700 | 200 | 45 | | 800 | 260 | 45 |
| | 700 | 210 | 45 | | 800 | 270 | 50 |
| | 700 | 220 | 70 | | 800 | 280 | 45 |
| | 700 | 230 | 50 | | 800 | 290 | 50 |
| | 700 | 240 | 45 | | 800 | 300 | 55 |
| | 700 | 250 | 45 | | 800 | 310 | 55 |
| | 700 | 260 | 50 | | 800 | 320 | 60 |
| | 700 | 270 | 50 | | 800 | 330 | 55 |
| | 700 | 280 | 75 | | 800 | 340 | 55 |
| | 700 | 290 | 60 | | 800 | 350 | 60 |
| | 700 | 300 | 60 | | 800 | 360 | 60 |
| | 700 | 310 | 70 | | 800 | 370 | 60 |
| | 700 | 320 | 80 | | 800 | 380 | 55 |
| | 700 | 330 | 70 | | 800 | 390 | 55 |
| | 700 | 340 | 85 | | 800 | 400 | 60 |
| | 700 | 350 | 90 | LINE | | 900 | |
| | 700 | 360 | 80 | | 900 | 0 | 50 |
| | 700 | 370 | 80 | | 900 | 10 | 50 |
| | 700 | 380 | 75 | | 900 | 20 | 50 |
| | 700 | 390 | 70 | | 900 | 30 | 40 |
| | 700 | 400 | 80 | | 900 | 40 | 35 |
| | 700 | 410 | 70 | | 900 | 50 | 35 |
| | 700 | 420 | 60 | | 900 | 60 | 35 |
| | 700 | 430 | 55 | | 900 | 70 | 45 |
| | 700 | 440 | 50 | | 900 | 80 | 50 |
| LINE | | 800 | | | 900 | 90 | 55 |
| | 800 | 0 | 55 | | 900 | 100 | 60 |
| | 800 | 10 | 45 | | 900 | 110 | 50 |
| | 800 | 20 | 45 | | 900 | 120 | 45 |
| | 800 | 30 | 50 | | 900 | 130 | 60 |
| | 800 | 40 | 50 | | 900 | 140 | 45 |

APPENDIX 1

HUNGER
RADIOMETRIC SURVEY DATA

| | <u>EAST</u> | <u>NORTH</u> | <u>CPS</u> | | <u>EAST</u> | <u>NORTH</u> | <u>CPS</u> |
|------|-------------|--------------|------------|------|-------------|--------------|------------|
| | 900 | 150 | 50 | | 1000 | 150 | 60 |
| | 900 | 160 | 50 | | 1000 | 160 | 60 |
| | 900 | 170 | 50 | | 1000 | 170 | 65 |
| | 900 | 180 | 50 | | 1000 | 180 | 80 |
| | 900 | 190 | 40 | | 1000 | 190 | 75 |
| | 900 | 200 | 50 | | 1000 | 200 | 50 |
| | 900 | 210 | 50 | | 1000 | 210 | 55 |
| | 900 | 220 | 55 | | 1000 | 220 | 50 |
| | 900 | 230 | 55 | | 1000 | 230 | 55 |
| | 900 | 240 | 45 | | 1000 | 240 | 55 |
| | 900 | 250 | 55 | | 1000 | 250 | 55 |
| | 900 | 260 | 55 | | 1000 | 260 | 60 |
| | 900 | 270 | 55 | | 1000 | 270 | 55 |
| | 900 | 280 | 50 | | 1000 | 280 | 55 |
| | 900 | 290 | 45 | | 1000 | 290 | 60 |
| | 900 | 300 | 50 | | 1000 | 300 | 50 |
| | 900 | 310 | 50 | | 1000 | 310 | 60 |
| | 900 | 320 | 55 | | 1000 | 320 | 55 |
| | 900 | 330 | 60 | | 1000 | 330 | 55 |
| | 900 | 340 | 70 | | 1000 | 340 | 55 |
| | 900 | 350 | 70 | | 1000 | 350 | 60 |
| | 900 | 360 | 65 | | 1000 | 360 | 65 |
| | 900 | 370 | 65 | | 1000 | 370 | 60 |
| | 900 | 380 | 75 | | 1000 | 380 | 65 |
| | 900 | 390 | 70 | | 1000 | 390 | 65 |
| | 900 | 400 | 65 | | 1000 | 400 | 65 |
| | 900 | 410 | 75 | | 1000 | 410 | 65 |
| | 900 | 420 | 70 | | 1000 | 420 | 70 |
| | 900 | 430 | 70 | | 1000 | 430 | 60 |
| | 900 | 440 | 70 | | 1000 | 440 | 65 |
| | 900 | 450 | 80 | | 1000 | 450 | 70 |
| | 900 | 460 | 70 | | 1000 | 460 | 65 |
| | 900 | 470 | 65 | | 1000 | 470 | 65 |
| | 900 | 480 | 70 | | 1000 | 480 | 65 |
| | 900 | 490 | 70 | | 1000 | 490 | 55 |
| | 900 | 500 | 70 | | 1000 | 500 | 55 |
| LINE | | 1000 | | | 1000 | 510 | 55 |
| | 1000 | 0 | 55 | LINE | 1100 | | |
| | 1000 | 10 | 70 | | 1100 | 0 | 60 |
| | 1000 | 20 | 70 | | 1100 | 10 | 50 |
| | 1000 | 30 | 70 | | 1100 | 20 | 70 |
| | 1000 | 40 | 75 | | 1100 | 30 | 55 |
| | 1000 | 50 | 65 | | 1100 | 40 | 55 |
| | 1000 | 60 | 55 | | 1100 | 50 | 55 |
| | 1000 | 70 | 60 | | 1100 | 60 | 50 |
| | 1000 | 80 | 55 | | 1100 | 70 | 50 |
| | 1000 | 90 | 45 | | 1100 | 80 | 50 |
| | 1000 | 100 | 45 | | 1100 | 90 | 50 |
| | 1000 | 110 | 45 | | 1100 | 100 | 50 |
| | 1000 | 120 | 75 | | 1100 | 110 | 40 |
| | 1000 | 130 | 60 | | 1100 | 120 | 45 |
| | 1000 | 140 | 55 | | 1100 | 130 | 45 |

APPENDIX 1

HUNGER
RADIOMETRIC SURVEY DATA

| <u>EAST</u> | <u>NORTH</u> | <u>CPS</u> | <u>EAST</u> | <u>NORTH</u> | <u>CPS</u> |
|-------------|--------------|------------|-------------|--------------|------------|
| 1100 | 140 | 55 | 1200 | 110 | 45 |
| 1100 | 150 | 60 | 1200 | 120 | 50 |
| 1100 | 160 | 75 | 1200 | 130 | 50 |
| 1100 | 170 | 105 | 1200 | 140 | 50 |
| 1100 | 180 | 95 | 1200 | 150 | 50 |
| 1100 | 190 | 60 | 1200 | 160 | 55 |
| 1100 | 200 | 55 | 1200 | 170 | 65 |
| 1100 | 210 | 60 | 1200 | 180 | 70 |
| 1100 | 220 | 60 | 1200 | 190 | 70 |
| 1100 | 230 | 60 | 1200 | 200 | 55 |
| 1100 | 240 | 60 | 1200 | 210 | 65 |
| 1100 | 250 | 65 | 1200 | 220 | 70 |
| 1100 | 260 | 55 | 1200 | 230 | 55 |
| 1100 | 270 | 55 | 1200 | 240 | 55 |
| 1100 | 280 | 60 | 1200 | 250 | 50 |
| 1100 | 290 | 55 | 1200 | 260 | 55 |
| 1100 | 300 | 55 | 1200 | 270 | 60 |
| 1100 | 310 | 55 | 1200 | 280 | 50 |
| 1100 | 320 | 65 | 1200 | 290 | 55 |
| 1100 | 330 | 70 | 1200 | 300 | 55 |
| 1100 | 340 | 60 | 1200 | 310 | 55 |
| 1100 | 350 | 60 | 1200 | 320 | 60 |
| 1100 | 360 | 60 | 1200 | 330 | 55 |
| 1100 | 370 | 55 | 1200 | 340 | 65 |
| 1100 | 380 | 65 | 1200 | 350 | 75 |
| 1100 | 390 | 60 | 1200 | 360 | 75 |
| 1100 | 400 | 65 | 1200 | 370 | 80 |
| 1100 | 410 | 60 | 1200 | 380 | 80 |
| 1100 | 420 | 65 | 1200 | 390 | 70 |
| 1100 | 430 | 55 | 1200 | 400 | 65 |
| 1100 | 440 | 60 | 1200 | 410 | * |
| 1100 | 450 | 50 | 1200 | 420 | • |
| 1100 | 460 | 50 | 1200 | 430 | * |
| 1100 | 470 | 60 | 1200 | 440 | * |
| 1100 | 480 | 60 | 1200 | 450 | • |
| 1100 | 490 | 65 | 1200 | 460 | * |
| 1100 | 500 | 60 | 1200 | 470 | • |
| LINE | 1200 | | 1200 | 480 | * |
| 1200 | -30 | 55 | 1200 | 490 | • |
| 1200 | -20 | 45 | 1200 | 500 | • |
| 1200 | -10 | 50 | LINE | 1300 | |
| 1200 | 0 | 55 | 1300 | -40 | 85 |
| 1200 | 10 | 55 | 1300 | -30 | 65 |
| 1200 | 20 | 70 | 1300 | -20 | 60 |
| 1200 | 30 | 75 | 1300 | -10 | 70 |
| 1200 | 40 | 70 | 1300 | 0 | 60 |
| 1200 | 50 | 55 | 1300 | 10 | 55 |
| 1200 | 60 | 50 | 1300 | 20 | 65 |
| 1200 | 70 | 55 | 1300 | 30 | 65 |
| 1200 | 80 | 60 | 1300 | 40 | 65 |
| 1200 | 90 | 60 | 1300 | 50 | 75 |
| 1200 | 100 | 55 | 1300 | 60 | 90 |

APPENDIX 1

HUNGER
RADIOMETRIC SURVEY DATA

| <u>EAST</u> | | | <u>NORTH</u> | | | <u>CPS</u> | | |
|-------------|------|-----|--------------|------|----|------------|--|--|
| 1300 | 70 | 85 | 1400 | 70 | 50 | | | |
| 1300 | 80 | 80 | 1400 | 80 | 55 | | | |
| 1300 | 90 | 200 | 1400 | 90 | 55 | | | |
| 1300 | 100 | 70 | 1400 | 100 | 50 | | | |
| 1300 | 110 | 65 | 1400 | 110 | 50 | | | |
| 1300 | 120 | 60 | 1400 | 120 | 55 | | | |
| 1300 | 130 | 65 | 1400 | 130 | 55 | | | |
| 1300 | 140 | 60 | 1400 | 140 | 60 | | | |
| 1300 | 150 | 65 | 1400 | 150 | 65 | | | |
| 1300 | 160 | 65 | 1400 | 160 | 60 | | | |
| 1300 | 170 | 70 | 1400 | 170 | 70 | | | |
| 1300 | 180 | 55 | 1400 | 180 | 70 | | | |
| 1300 | 190 | 65 | 1400 | 190 | 70 | | | |
| 1300 | 200 | 60 | 1400 | 200 | 60 | | | |
| 1300 | 210 | 55 | 1400 | 210 | 55 | | | |
| 1300 | 220 | 55 | 1400 | 220 | 50 | | | |
| 1300 | 230 | 60 | 1400 | 230 | 55 | | | |
| 1300 | 240 | 60 | 1400 | 240 | 55 | | | |
| 1300 | 250 | 50 | 1400 | 250 | 50 | | | |
| 1300 | 260 | 55 | 1400 | 260 | 55 | | | |
| 1300 | 270 | 60 | 1400 | 270 | 50 | | | |
| 1300 | 280 | 60 | 1400 | 280 | 55 | | | |
| 1300 | 290 | 55 | 1400 | 290 | 50 | | | |
| 1300 | 300 | 60 | 1400 | 300 | 45 | | | |
| 1300 | 310 | 55 | 1400 | 310 | 55 | | | |
| 1300 | 320 | 65 | 1400 | 320 | 50 | | | |
| 1300 | 330 | 55 | 1400 | 330 | 45 | | | |
| 1300 | 340 | 55 | 1400 | 340 | 45 | | | |
| 1300 | 350 | • | 1400 | 350 | 50 | | | |
| 1300 | 360 | • | 1400 | 360 | 50 | | | |
| 1300 | 370 | * | 1400 | 370 | 45 | | | |
| 1300 | 380 | • | 1400 | 380 | 50 | | | |
| 1300 | 390 | • | 1400 | 390 | 55 | | | |
| 1300 | 400 | • | 1400 | 400 | 55 | | | |
| 1300 | 410 | * | 1400 | 410 | 55 | | | |
| 1300 | 420 | • | 1400 | 420 | 55 | | | |
| 1300 | 430 | * | 1400 | 430 | 50 | | | |
| 1300 | 440 | * | 1400 | 440 | 50 | | | |
| 1300 | 450 | * | 1400 | 450 | • | | | |
| 1300 | 460 | • | 1400 | 460 | • | | | |
| 1300 | 470 | • | 1400 | 470 | * | | | |
| 1300 | 480 | • | 1400 | 480 | • | | | |
| 1300 | 490 | • | 1400 | 490 | * | | | |
| 1300 | 500 | * | 1400 | 500 | * | | | |
| LINE | 1400 | | LINE | 1500 | | | | |
| 1400 | 0 | 60 | 1500 | 0 | 55 | | | |
| 1400 | 10 | 60 | 1500 | 10 | 60 | | | |
| 1400 | 20 | 50 | 1500 | 20 | 60 | | | |
| 1400 | 30 | 50 | 1500 | 30 | 55 | | | |
| 1400 | 40 | 50 | 1500 | 40 | 50 | | | |
| 1400 | 50 | 45 | 1500 | 50 | 60 | | | |
| 1400 | 60 | 50 | 1500 | 60 | 60 | | | |

APPENDIX 1

HUNGER
RADIOMETRIC SURVEY DATA

| | <u>EAST</u> | <u>NORTH</u> | <u>CPS</u> | | <u>EAST</u> | <u>NORTH</u> | <u>CPS</u> |
|------|-------------|--------------|------------|------|-------------|--------------|------------|
| | 1500 | 70 | 55 | | 1600 | 190 | 55 |
| | 1500 | 80 | 60 | | 1600 | 200 | 50 |
| | 1500 | 90 | 45 | | 1600 | 210 | 55 |
| | 1500 | 100 | 50 | | 1600 | 220 | 55 |
| | 1500 | 110 | 55 | | 1600 | 230 | 55 |
| | 1500 | 120 | 55 | | 1600 | 240 | 55 |
| | 1500 | 130 | 60 | | 1600 | 250 | 60 |
| | 1500 | 140 | 65 | | 1600 | 260 | 60 |
| | 1500 | 150 | 50 | | 1600 | 270 | 60 |
| | 1500 | 160 | 55 | | 1600 | 280 | 55 |
| | 1500 | 170 | 70 | | 1600 | 290 | 60 |
| | 1500 | 180 | 85 | | 1600 | 300 | 55 |
| | 1500 | 190 | 75 | | 1600 | 310 | 45 |
| | 1500 | 200 | 55 | | 1600 | 320 | 60 |
| | 1500 | 210 | 55 | | 1600 | 330 | 55 |
| | 1500 | 220 | 50 | | 1600 | 340 | 45 |
| | 1500 | 230 | 55 | | 1600 | 350 | 40 |
| | 1500 | 240 | 50 | | 1600 | 360 | 45 |
| | 1500 | 250 | 55 | | 1600 | 370 | 45 |
| | 1500 | 260 | 50 | | 1600 | 380 | 50 |
| | 1500 | 270 | 60 | | 1600 | 390 | 45 |
| | 1500 | 280 | 55 | | 1600 | 400 | 50 |
| | 1500 | 290 | 50 | LINE | 1700 | 1700 | |
| | 1500 | 300 | 50 | | 1700 | 0 | 55 |
| | 1500 | 310 | 50 | | 1700 | 10 | 55 |
| | 1500 | 320 | 45 | | 1700 | 20 | 60 |
| | 1500 | 330 | 50 | | 1700 | 30 | 60 |
| | 1500 | 340 | 50 | | 1700 | 40 | 55 |
| | 1500 | 350 | 45 | | 1700 | 50 | 55 |
| | 1500 | 360 | 45 | | 1700 | 60 | 55 |
| | 1500 | 370 | 50 | | 1700 | 70 | 55 |
| | 1500 | 380 | 40 | | 1700 | 80 | 65 |
| | 1500 | 390 | 50 | | 1700 | 90 | 150 |
| | 1500 | 400 | 55 | | 1700 | 100 | 90 |
| LINE | | 1600 | | | 1700 | 110 | 70 |
| | 1600 | 20 | 50 | | 1700 | 120 | 55 |
| | 1600 | 30 | 55 | | 1700 | 130 | 60 |
| | 1600 | 40 | 50 | | 1700 | 140 | 60 |
| | 1600 | 50 | 55 | | 1700 | 150 | 60 |
| | 1600 | 60 | 55 | | 1700 | 160 | 50 |
| | 1600 | 70 | 80 | | 1700 | 170 | 50 |
| | 1600 | 80 | 80 | | 1700 | 180 | 55 |
| | 1600 | 90 | 60 | | 1700 | 190 | 50 |
| | 1600 | 100 | 55 | | 1700 | 200 | 50 |
| | 1600 | 110 | 55 | | 1700 | 210 | 50 |
| | 1600 | 120 | 55 | | 1700 | 220 | 50 |
| | 1600 | 130 | 45 | | 1700 | 230 | 50 |
| | 1600 | 140 | 50 | | 1700 | 240 | 55 |
| | 1600 | 150 | 55 | | 1700 | 250 | 50 |
| | 1600 | 160 | 60 | | 1700 | 260 | 50 |
| | 1600 | 170 | 50 | | 1700 | 270 | 60 |
| | 1600 | 180 | 50 | | 1700 | 280 | 55 |

APPENDIX 1

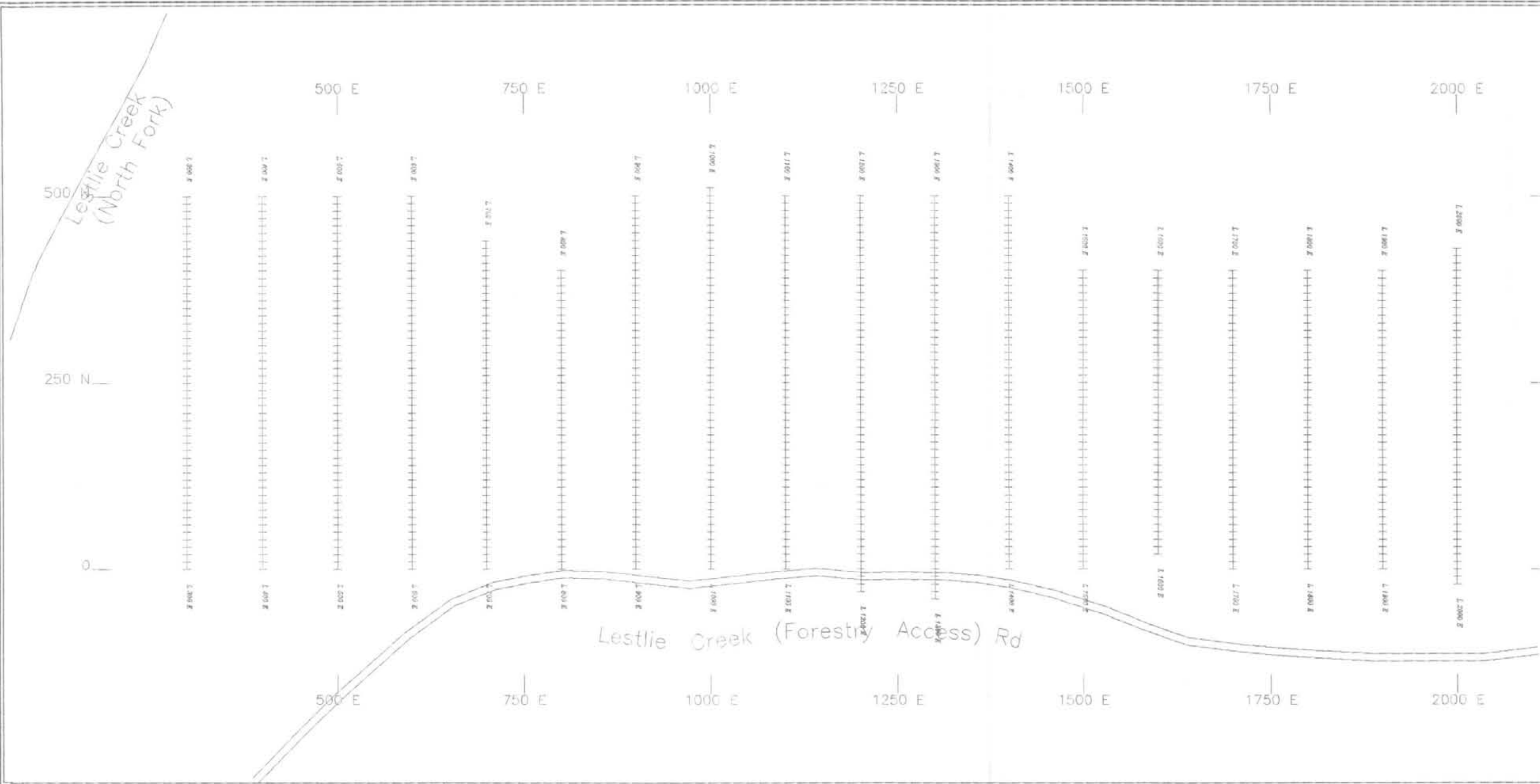
HUNGER
RADIOMETRIC SURVEY DATA

| <u>EAST</u> | <u>NORTH</u> | <u>CPS</u> | | <u>EAST</u> | <u>NORTH</u> | <u>CPS</u> |
|-------------|--------------|------------|------|-------------|--------------|------------|
| 1700 | 290 | 55 | | 1800 | 390 | 50 |
| 1700 | 300 | 55 | | 1800 | 400 | 50 |
| 1700 | 310 | 60 | LINE | 1900 | 0 | 55 |
| 1700 | 320 | 50 | | 1900 | 10 | 55 |
| 1700 | 330 | 50 | | 1900 | 20 | 60 |
| 1700 | 340 | 45 | | 1900 | 30 | 60 |
| 1700 | 350 | 45 | | 1900 | 40 | 55 |
| 1700 | 360 | 45 | | 1900 | 50 | 50 |
| 1700 | 370 | 45 | | 1900 | 60 | 50 |
| 1700 | 380 | 40 | | 1900 | 70 | 50 |
| 1700 | 390 | 55 | | 1900 | 80 | 55 |
| 1700 | 400 | 40 | | 1900 | 90 | 65 |
| LINE | 1800 | | | 1900 | 100 | 65 |
| 1800 | 0 | 50 | | 1900 | 110 | 75 |
| 1800 | 10 | 65 | | 1900 | 120 | 65 |
| 1800 | 20 | 65 | | 1900 | 130 | 55 |
| 1800 | 30 | 65 | | 1900 | 140 | 55 |
| 1800 | 40 | 55 | | 1900 | 150 | 50 |
| 1800 | 50 | 60 | | 1900 | 160 | 50 |
| 1800 | 60 | 65 | | 1900 | 170 | 55 |
| 1800 | 70 | 65 | | 1900 | 180 | 55 |
| 1800 | 80 | 80 | | 1900 | 190 | 60 |
| 1800 | 90 | 75 | | 1900 | 200 | 60 |
| 1800 | 100 | 80 | | 1900 | 210 | 55 |
| 1800 | 110 | 55 | | 1900 | 220 | 55 |
| 1800 | 120 | 50 | | 1900 | 230 | 55 |
| 1800 | 130 | 55 | | 1900 | 240 | 50 |
| 1800 | 140 | 60 | | 1900 | 250 | 60 |
| 1800 | 150 | 60 | | 1900 | 260 | 55 |
| 1800 | 160 | 60 | | 1900 | 270 | 50 |
| 1800 | 170 | 55 | | 1900 | 280 | 50 |
| 1800 | 180 | 55 | | 1900 | 290 | 40 |
| 1800 | 190 | 60 | | 1900 | 300 | 45 |
| 1800 | 200 | 60 | | 1900 | 310 | 55 |
| 1800 | 210 | 55 | | 1900 | 320 | 50 |
| 1800 | 220 | 50 | | 1900 | 330 | 55 |
| 1800 | 230 | 50 | | 1900 | 340 | 50 |
| 1800 | 240 | 50 | | 1900 | 350 | 50 |
| 1800 | 250 | 55 | | 1900 | 360 | 50 |
| 1800 | 260 | 50 | | 1900 | 370 | 50 |
| 1800 | 270 | 60 | | 1900 | 380 | 45 |
| 1800 | 280 | 50 | | 1900 | 390 | 50 |
| 1800 | 290 | 50 | | 1900 | 400 | 50 |
| 1800 | 300 | 50 | | LINE | 2000 | |
| 1800 | 310 | 55 | | 2000 | -20 | 65 |
| 1800 | 320 | 50 | | 2000 | -10 | 65 |
| 1800 | 330 | 50 | | 2000 | 0 | 51 |
| 1800 | 340 | 40 | | 2000 | 10 | 50 |
| 1800 | 350 | 45 | | 2000 | 20 | 65 |
| 1800 | 360 | 60 | | 2000 | 30 | 55 |
| 1800 | 370 | 50 | | 2000 | 40 | 55 |
| 1800 | 380 | 50 | | | | |

APPENDIX 1

HUNGER
RADIOMETRIC SURVEY DATA

| <u>EAST</u> | <u>NORTH</u> | <u>CPS</u> | <u>EAST</u> | <u>NORTH</u> | <u>CPS</u> |
|-------------|--------------|------------|-------------|--------------|------------|
| 2000 | 50 | 55 | | | |
| 2000 | 60 | 60 | | | |
| 2000 | 70 | 50 | | | |
| 2000 | 80 | 50 | | | |
| 2000 | 90 | 65 | | | |
| 2000 | 100 | 65 | | | |
| 2000 | 110 | 65 | | | |
| 2000 | 120 | 65 | | | |
| 2000 | 130 | 55 | | | |
| 2000 | 140 | 50 | | | |
| 2000 | 150 | 45 | | | |
| 2000 | 160 | 50 | | | |
| 2000 | 170 | 50 | | | |
| 2000 | 180 | 55 | | | |
| 2000 | 190 | 55 | | | |
| 2000 | 200 | 50 | | | |
| 2000 | 210 | 50 | | | |
| 2000 | 220 | 50 | | | |
| 2000 | 230 | 55 | | | |
| 2000 | 240 | 55 | | | |
| 2000 | 250 | 55 | | | |
| 2000 | 260 | 50 | | | |
| 2000 | 270 | 50 | | | |
| 2000 | 280 | 55 | | | |
| 2000 | 290 | 50 | | | |
| 2000 | 300 | 50 | | | |
| 2000 | 310 | 50 | | | |
| 2000 | 320 | 60 | | | |
| 2000 | 330 | 60 | | | |
| 2000 | 340 | 55 | | | |
| 2000 | 350 | 40 | | | |
| 2000 | 360 | 45 | | | |
| 2000 | 370 | 55 | | | |
| 2000 | 380 | 40 | | | |
| 2000 | 390 | 40 | | | |
| 2000 | 400 | 40 | | | |
| 2000 | 410 | * | | | |
| 2000 | 420 | * | | | |
| 2000 | 430 | • | | | |



INDEX MAP
Scale: 1:50,000



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

22,736

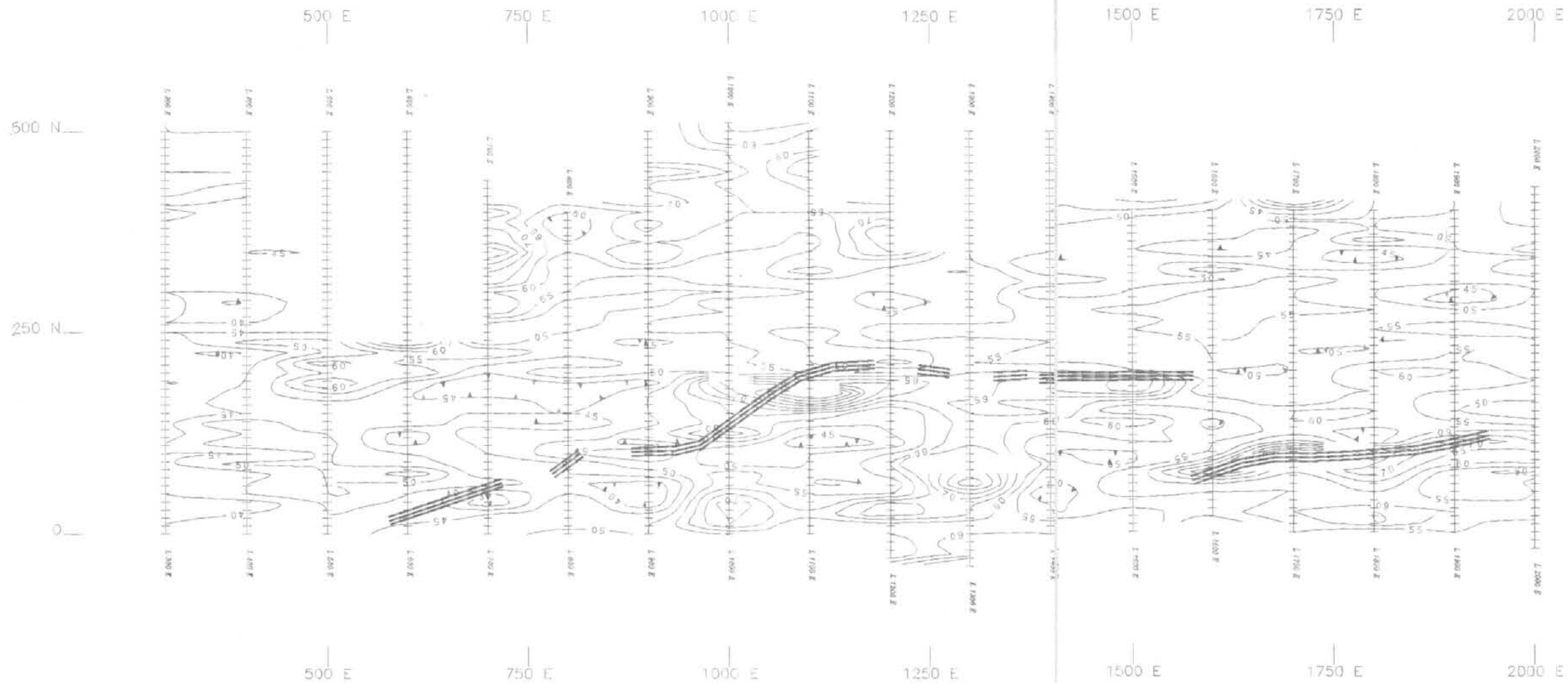
FORMOSA RESOURCES CORPORATION

HUNGER PROPERTY
FORT STEELE MINING DIVISION

GRID LOCATION
December 15, 1992

Figure 3A



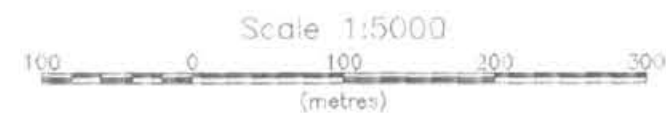


Interpreted
Phosphate
Horizon

500 N

250 N

0



FORMOSA RESOURCES CORPORATION

HUNGER PROPERTY
FORT STEELE MINING DIVISION

RADIOMETRIC SURVEY RESULTS
CONTOUR INTERVAL 5 CPS
December 15, 1992



Figure 3B

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,736