

| | |
|---------------|-----|
| LOG NO: 11-08 | RD. |
| ACTION: | |
| FILE NO: | |

MINERAL EXPLORATION REPORT
 GEOPHYSICAL PROGRAM
 JULY 1990

CAZADOR EXPLORATIONS LIMITED
 STIRRUP CREEK PROJECT
 CLINTON MINING DIVISION
 BRITISH COLUMBIA
 NTS: 920/1E

51° 06'
 122° 11'

20,438

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

PREPARED BY: JOHN A. CHAPMAN, P.ENG.
 ASSISTANT: BRETT SVEINSON
 RE: "ASSESSMENT REPORT" TO BRITISH COLUMBIA MINISTRY
 OF ENERGY, MINES AND PETROLEUM RESOURCES

TABLE OF CONTENTS

INTRODUCTION

SUMMARY

PROPERTY INFORMATION
DESCRIPTION
PHYSIOGRAPHY
ACCESS

EXPLORATION HISTORY

CURRENT GEOPHYSICAL PROGRAM
OBJECTIVE
THEORY
EQUIPMENT
PROCEDURES
RESULTS
DISCUSSION

CONCLUSIONS

RECOMMENDATIONS

STATEMENT OF COSTS

STATEMENT OF QUALIFICATIONS

APPENDICES

- A: VLF-EM AND MAGNETICS SURVEY DATA, AS FIELD RECORDED
- B. VLF-EM AND MAGNETICS SURVEY DATA, ADJUSTED
- C: VLF-EM SURVEY, FRASER FILTERED CONTOUR MAP
- D: MAGNETICS SURVEY, CONTOUR MAP

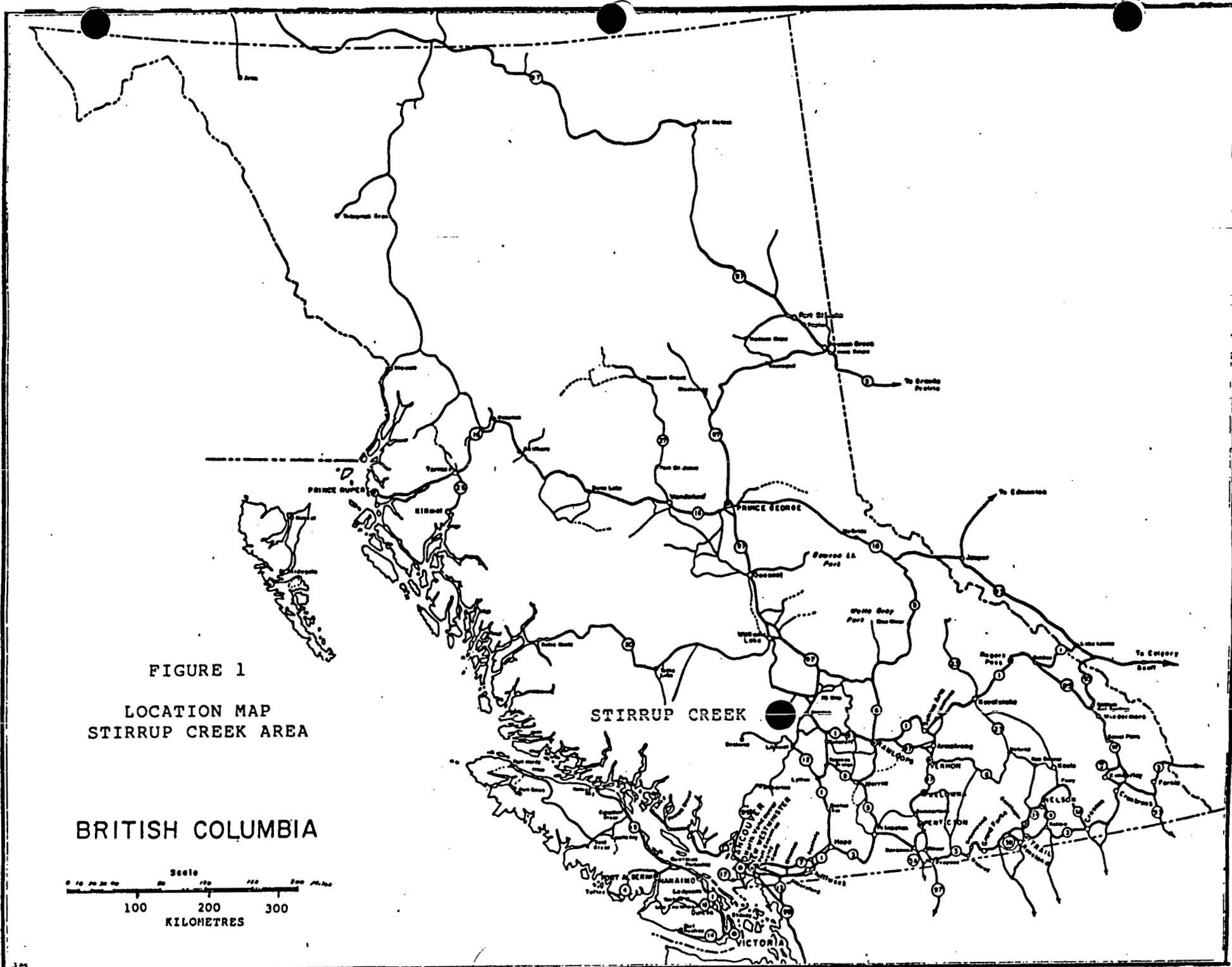


FIGURE 1
 LOCATION MAP
 STIRRUP CREEK AREA

BRITISH COLUMBIA

Scale
 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300
 KILOMETRES

MODIFIED FROM DOMINION MAP LIMITED

INTRODUCTION

Cazador Explorations Limited's Stirrup Creek project, consisting of the Sven mineral claim (16 units), is located approximately 80 kilometres north of Lillooet at the headwaters of Stirrup Creek.

The area has a history of placer gold production and has been explored sporadically by numerous parties, since the early 1900s, for lode gold. Cazador has conducted prospecting, line cutting, soil sampling and trenching on the project since 1987 in an attempt to locate the source of the placer gold.

Cazador conducted a geophysical program on the property during July 1990, and that work is the subject of this report.

Annual Work Approval Number: KAM 90-0300279-716 was granted July 1990. Notice of 1990 project completion will be filed in November, 1990.

SUMMARY

The 1990 geophysical survey, including VLF-EM and Magnetics, covered 9300 line meters on the Central portion (straddling Stirrup Creek) of the Sven mineral claim. A total of three hundred and ninety two readings were taken with each geophysical instrument. Survey lines were spaced 100 meters apart and stations were established each 25 meters along the lines.

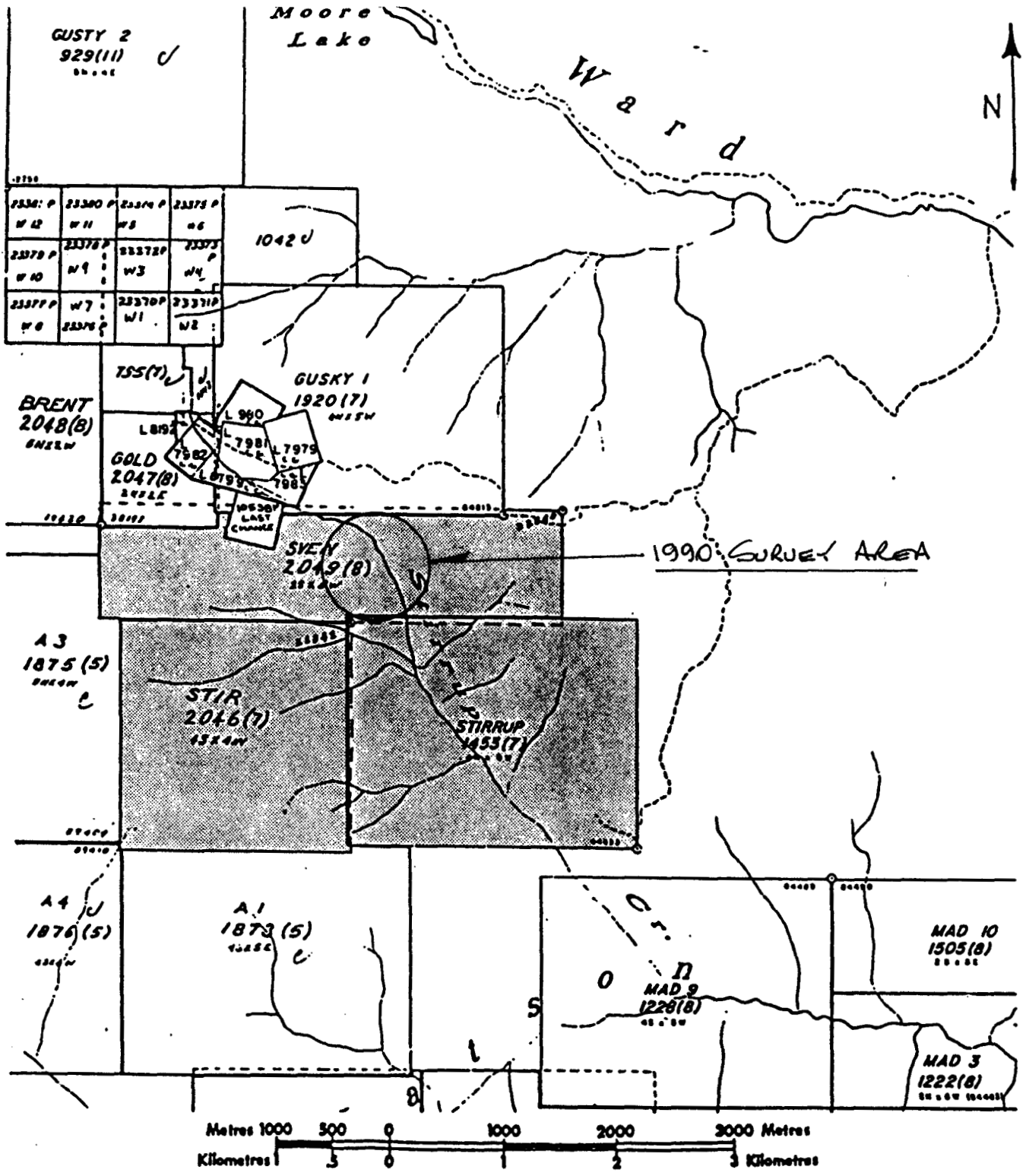
A significant Magnetic anomaly, with coincident low order VLF-EM response was discovered near the Southwest corner of the survey grid. This anomaly is very interesting as it is near metals-in-soils anomalies discovered during soil geochemical surveys conducted in 1987 and 1988.

PROPERTY INFORMATION, DESCRIPTION:

The Stirrup Creek property is located in the Clinton Mining Division, British Columbia on NTS map sheet 92O/1E at latitude 51d 05m 55s and longitude 122d 12m 32s west. The property is midway between the headwaters of Stirrup Creek and Watson Bar Creek, between elevations 1450 meters to 1900 meters above sea level.

Cazador is the recorded owner of the Sven mineral claim (2049(8)) by way of option agreement with J. Kruszewski, B. Kure and B. Krohn.

Several placer claims overlap the Sven mineral claim along Stirrup Creek. There are no active placer operations at this time.



CAZADOR EXPLORATIONS LIMITED

Figure 2
 Mineral Title Map
 Sven Claim (16 units)
 Clinton Mining Division, NTS: 920/1

PROPERTY INFORMATION, PHYSIOGRAPHY:

The topographic relief is moderate throughout the claim area. Vegetation is moderate to heavy in Creek bottoms below 1500 meters elevation opening to sub-alpine at 1700 meters elevation. Timber consists almost entirely of pine - which may be very thick in old burn areas.

Approximately 15% of the claim area is rock outcrop (mainly above 1700 meters or in the Creek channel), and the balance is covered with glaciated overburden and volcanic ash.

The climate is typical of the west bank of the Fraser River at this latitude: being dry, with moderate temperatures.

PROPERTY INFORMATION, ACCESS:

During 1989 and 1990 the mainline logging road from Lillooet was extended to the north side of Watson Bar Creek, providing easy access to the Stirrup Creek road. This all weather road will provide year round access to within 6 kilometres of the property. The property is accessible by automobile when weather conditions are dry, at all other times a 4x4 is recommended.

There are two cabins available in the project area: Dr. Warren's cabin at the headwaters of Stirrup Creek and Mr. Bell's cabin at about the 1450 meter elevation beside Stirrup Creek (west bank).

Reference figure 1 and figure 2 in this report for location information.

EXPLORATION HISTORY:

Stirrup Creek has yielded 70,725 grams (2,274 oz) of placer gold according to British Columbia Department of Mines Bulletin 28, dated 1950. There has been substantial placer mining activity since 1979, as indicated by the extensive new tailings piles, but no production information is available to the author.

Exploration for lode gold has been mainly centred at the headwaters of Stirrup Creek in a sub-alpine area with considerable rock outcrop or very shallow overburden. There is evidence of stripping by ground sluicing and several trenches, adits and shafts have been excavated. It has been reported that the Crown Granted claims in this area have been optioned at various times by: Rio Tinto, Placer Dome and Chevron Minerals.

CURRENT EXPLORATION PROGRAM, OBJECTIVE:

Cazador has to date been frustrated in its attempts to explain the source of the placer gold in Stirrup Creek. Trenching on significant gold-in-soils anomalies (in some cases with coincident mercury, arsenic, antimony) had yielded disappointing results in prior programs.

In 1990 a decision was made to survey the Sven claim area with VLF-EM and Magentics to try and locate possible geophysical anomalies that may pinpoint buried mineral targets at or near the soil geochemical anomalies.

CURRENT EXPLORATION PROGRAM, THEORY:

It had been reported to the author, by Dr. Harry Warren, that there had been quartz feldspar porphyry intrusive rocks found on his Crown Granted mineral claims at the headwaters of Stirrup Creek. Cazador management decided that these intrusives may be responsible for the mineralizing event that created the source of the placer gold, and that the location of these intrusives could best be accomplished using geophysical survey methods on the Company's Sven claim.

CURRENT EXPLORATION PROGRAM, EQUIPMENT:

The VLF-EM survey was conducted with a Phoenix VLF-2 instrument tuned to the Seattle VLF transmitter.

The Magnetics survey was conducted with a Geometrics G816 proton magnetometer, measuring total field magnetic intensity.

CURRENT EXPLORATION PROGRAM, PROCEDURES:

The survey lines established in 1987 were utilized for the 1990 geophysical survey. Intermediate stations were added and all stations were marked with new ribbon. It is important to note that the survey lines were originally established with no slope correction, using compass and hip chain. No attempt has been made to correct the plan maps for slope from field notes. This probably has resulted in a considerable discrepancy in the plan maps, as slopes are in the order of 30d along the survey lines which cross Stirrup Creek almost at right angles.

A total of 9300 line meters were surveyed, with 392 readings being taken with each geophysical instrument.

The road along Stirrup Creek was utilized as a base line, as each survey line crossed the road almost at right angles. The baseline stations and survey line stations were established so that the magnetometer readings were "looped back" approximately each hour to provide correction for drift. The survey was conducted during July 29, 30 and 31st, which were very "quite" days magnetically, so all magnetic adjustments were small, providing a high degree of confidence in the precision of the survey.

Reference Appendix A and Appendix B for raw field data and adjusted data respectively.

CURRENT EXPLORATION PROGRAM, RESULTS:

A significant magnetic anomaly, with coincident low order VLF-EM anomaly, was identified near the Southwest corner of the survey area. The magnetic high is 59000 gammas vs a background of 57500 gammas. The anomaly is open toward the south.

Reference Appendix C and Appendix D for geophysical maps that present survey results.

CURRENT EXPLORATION PROGRAM, DISCUSSION:

The discovery of the magnetic/VLF-EM anomaly is most encouraging because it is in an area covered by overburden in close proximity to the soil geochemical anomalies located in earlier exploration programs.

The anomaly is very close to an identified fault zone and diorite (mineralized with pyrite) outcrop at Mr. Rabbit's placer claim. In this same area the author discovered disseminated copper in a hand trench dug immediately west of Mr. Rabbit's tailings pond.

In a personal communication Mr. Rabbit also reported to the author that he had seen veinlets of chalcopyrite in the bedrock cut of his placer operations at the confluence of the streams (two parallel streams) flowing from the west into Stirrup Creek. This would be very near the fault and diorite outcrop mentioned above.

CONCLUSIONS:

This geophysical program has identified an anomaly that is worthy of diamond drilling as a possible copper/gold target.

Access to the anomaly is good as only 350 meters of road would have to be constructed from the existing road. The road could be useful in uncovering geologic information as it would cut across the anomaly.

RECOMMENDATIONS:

Communicate with Dr. Warren to determine if a magnetometer and/or VLF-EM survey has been conducted on his adjoining Crown Granted mineral claims - and the results of follow-up if any.

Conduct an in-fill survey with the magnetometer and VLF-EM instrument, on the Sven mineral claim anomaly, to more precisely define the target and then drill at least two diamond drill holes into the anomaly.

STATEMENT OF COSTS:

| | |
|---------------------------------------|-----------------------|
| Mob/demob | \$ 250 |
| Personnel (note 1) | 1,600 |
| Meals & accommodation | 200 |
| Equipment rental | 200 |
| Field supplies | 50 |
| Report preparation | 700 |
| TOTAL EXPLORATION EXPENDITURES | <u>\$3,000</u> |

Note 1: The crew during the three day program included John A. Chapman B.Sc., P.Eng., Project Manager and Brett Sveinson, Field Assistant.

STATEMENT OF QUALIFICATION:

I John Arthur Chapman of the City of Surrey, British Columbia, Canada hereby certify as follows:

I am a mining engineer residing at #30 1725 Southmere Cr., Surrey, British Columbia and,

I graduated with honours in Mining Technology from the British Columbia Institute of Technology, June 1967 and,

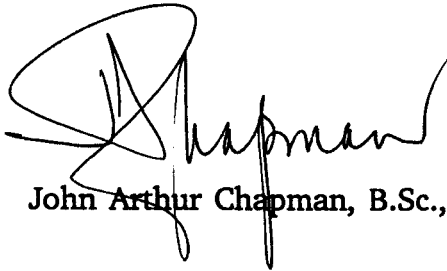
I graduated with honours in Mining Engineering (B.Sc.) from the Colorado School of Mines, January 1971 and,

I am a Professional Engineer registered in the Province of British Columbia since 1973 and,

I have practised my profession continuously since 1973 in Canada, United States and Philippines and,

I hold an indirect interest in the Stirrup Creek property, through my major shareholding in Cazador Explorations Limited, which is the subject of this report and,

I am the author of this report, which is based upon work on the Stirrup Creek project, which I personally supervised during 1990.

A handwritten signature in black ink, appearing to read 'John Arthur Chapman', written in a cursive style.

John Arthur Chapman, B.Sc., P.Eng.

APPENDIX A

CAZADOR EXPLORATIONS LIMITED
 Stirrup Creek project, Geophysical program
 Original Field Notes
 July/August 1990

| NW | NE | TIME | | VLFEM | MAG | COMMENTS |
|------|------|------|-----|-------|-------|-------------------------|
| | | HR | MIN | | | |
| 5600 | 5600 | 8 | 50 | 0 | 57378 | BASE STATION (90/07/29) |
| 5575 | 5600 | 8 | 53 | -1 | 57380 | GOING SOUTH ON ROAD |
| 5550 | 5600 | 8 | 55 | -5 | 57328 | |
| 5525 | 5600 | 8 | 58 | -4 | 57283 | |
| 5512 | 5600 | 8 | 59 | -5 | 57359 | LINE 55NW |
| 5500 | 5600 | 9 | 0 | -8 | 57336 | |
| 5475 | 5600 | 9 | 3 | -7 | 57391 | |
| 5450 | 5600 | 9 | 4 | -6 | 57439 | |
| 5425 | 5600 | 9 | 5 | -5 | 57385 | |
| 5420 | 5600 | 9 | 6 | -5 | 57389 | LINE 54NW |
| 5400 | 5600 | 9 | 9 | -3 | 57346 | |
| 5375 | 5600 | 9 | 12 | -3 | 57461 | |
| 5350 | 5600 | 9 | 13 | -1 | 57400 | |
| 5325 | 5600 | 9 | 14 | -3 | 57404 | |
| 5312 | 5600 | 9 | 15 | -3 | 57374 | LINE 53NW |
| 5300 | 5600 | 9 | 16 | -1 | 57497 | |
| 5275 | 5600 | 9 | 20 | 0 | 57373 | |
| 5250 | 5600 | 9 | 21 | -1 | 57547 | |
| 5225 | 5600 | 9 | 22 | 2 | 57436 | |
| 5213 | 5600 | 9 | 24 | 3 | 57479 | LINE 52NW |
| 5200 | 5600 | 9 | 26 | 4 | 57376 | |
| 5175 | 5600 | 9 | 28 | 0 | 57363 | |
| 5150 | 5600 | 9 | 29 | -2 | 57434 | |
| 5125 | 5600 | 9 | 30 | 0 | 57524 | |
| 5111 | 5600 | 9 | 32 | 0 | 57479 | LINE 51NW |
| 5100 | 5600 | 9 | 33 | 0 | 57456 | |
| 5075 | 5600 | 9 | 35 | -5 | 57274 | |
| 5050 | 5600 | 9 | 38 | -6 | 57441 | |
| 5025 | 5600 | 9 | 39 | 1 | 57510 | |
| 5005 | 5600 | 9 | 40 | 5 | 57595 | LINE 50NW |
| 5000 | 5600 | 9 | 42 | 8 | 57628 | |
| 4975 | 5600 | 9 | 45 | 7 | 57487 | |
| 4950 | 5600 | 9 | 48 | 6 | 57497 | |
| 4925 | 5600 | 9 | 50 | 6 | 57426 | |
| 4900 | 5600 | 9 | 52 | 7 | 57485 | |
| 4875 | 5600 | 9 | 55 | 8 | 57623 | |
| 4850 | 5600 | 9 | 57 | 7 | 57494 | |
| 4825 | 5600 | 9 | 58 | 6 | 57434 | |
| 4800 | 5600 | 9 | 59 | 5 | 57503 | |
| 4775 | 5600 | 10 | 0 | 4 | 57431 | |
| 4756 | 5600 | 10 | 3 | 4 | 57648 | CLAIM LINE |
| 4740 | 5600 | 10 | 4 | 4 | 57672 | OFF CLAIM |
| 5600 | 5600 | 10 | 20 | 0 | 57410 | BASE STATION, CLOSURE |
| 5600 | 5600 | 10 | 30 | 0 | 57399 | BASE STATION, START |
| 5625 | 5600 | 10 | 34 | -1 | 57404 | GOING NORTH ON ROAD |
| 5650 | 5600 | 10 | 35 | -3 | 57350 | |
| 5675 | 5600 | 10 | 37 | -3 | 57456 | |

| | | | | | |
|------|------|----|----|-----|-------------------------------|
| 5700 | 5600 | 10 | 40 | -4 | 57332 |
| 5713 | 5600 | 10 | 42 | -3 | 57372 LINE 57NW |
| 5725 | 5600 | 10 | 45 | -3 | 57386 |
| 5750 | 5600 | 10 | 46 | -3 | 57317 |
| 5775 | 5600 | 10 | 47 | -5 | 57198 |
| 5800 | 5600 | 10 | 48 | -2 | 57243 |
| 5825 | 5600 | 10 | 50 | -4 | 57294 |
| 5850 | 5600 | 10 | 52 | -5 | 57306 |
| 5875 | 5600 | 10 | 54 | -7 | 57251 LINE 58NW |
| 5900 | 5600 | 10 | 55 | -7 | 57273 OLD ADIT BESIDE ROAD |
| 5925 | 5600 | 10 | 58 | -5 | 57274 |
| 5950 | 5600 | 11 | 0 | -7 | 57261 |
| 5975 | 5600 | 11 | 2 | -10 | 57240 |
| 6000 | 5600 | 11 | 4 | -12 | 57259 |
| 6025 | 5600 | 11 | 5 | -11 | 57252 LINE 59NW |
| 5600 | 5600 | 11 | 15 | 0 | 57414 BASE STATION, CLOSURE |
| 5600 | 5600 | 11 | 45 | 0 | 57364 BASE STATION, START |
| 5600 | 5575 | 11 | 46 | -3 | 57342 GOING WEST ON LINE 56NW |
| 5600 | 5550 | 11 | 47 | -7 | 57390 |
| 5600 | 5525 | 11 | 50 | -11 | 57378 |
| 5600 | 5500 | 11 | 54 | -12 | 57343 |
| 5600 | 5475 | 11 | 58 | -12 | 57412 |
| 5600 | 5450 | 12 | 0 | -12 | 57377 |
| 5600 | 5425 | 12 | 2 | -14 | 57369 |
| 5600 | 5400 | 12 | 4 | -13 | 57371 |
| 5600 | 5375 | 12 | 7 | -17 | 57379 |
| 5600 | 5350 | 12 | 10 | -18 | 57388 |
| 5600 | 5325 | 12 | 12 | -20 | 57363 |
| 5600 | 5300 | 12 | 15 | -21 | 57374 |
| 5600 | 5275 | 12 | 18 | -19 | 57365 |
| 5600 | 5250 | 12 | 20 | -17 | 57400 |
| 5600 | 5225 | 12 | 25 | -17 | 57418 |
| 5600 | 5200 | 12 | 30 | -16 | 57398 |
| 5600 | 5175 | 12 | 32 | -13 | 57401 |
| 5600 | 5150 | 12 | 35 | -10 | 57397 |
| 5600 | 5125 | 12 | 38 | -8 | 57446 |
| 5600 | 5100 | 12 | 40 | -8 | 57407 |
| 5600 | 5075 | 12 | 44 | -6 | 57444 |
| 5600 | 5050 | 12 | 48 | -8 | 57438 |
| 5600 | 5025 | 12 | 50 | -8 | 57451 |
| 5600 | 5000 | 12 | 55 | -7 | 57437 EOL, TOP OF HILL |
| 5700 | 5000 | 1 | 15 | -11 | 57388 GOING EAST ON LINE 57NW |
| 5700 | 5025 | 1 | 20 | -12 | 57403 |
| 5700 | 5050 | 1 | 23 | -12 | 57409 |
| 5700 | 5075 | 1 | 25 | -14 | 57408 |
| 5700 | 5100 | 1 | 27 | -14 | 57382 |
| 5700 | 5125 | 1 | 28 | -16 | 57391 |
| 5700 | 5150 | 1 | 29 | -17 | 57320 |
| 5700 | 5175 | 1 | 31 | -14 | 57388 |
| 5700 | 5200 | 1 | 32 | -15 | 57387 |
| 5700 | 5225 | 1 | 33 | -14 | 57423 |
| 5700 | 5250 | 1 | 36 | -12 | 57397 |
| 5700 | 5275 | 1 | 40 | -12 | 57383 |
| 5700 | 5300 | 1 | 41 | -12 | 57372 |
| 5700 | 5325 | 1 | 42 | -13 | 57420 |
| 5700 | 5350 | 1 | 45 | -14 | 57368 |

| | | | | | |
|------|------|---|----|-----|---------------------------------|
| 5700 | 5375 | 1 | 55 | -12 | 57393 |
| 5700 | 5400 | 1 | 56 | -9 | 57392 |
| 5700 | 5425 | 1 | 58 | -8 | 57397 |
| 5700 | 5450 | 2 | 0 | -8 | 57429 |
| 5700 | 5500 | 2 | 5 | -8 | 57354 STIRRUP CREEK |
| 5700 | 5525 | 2 | 8 | -2 | 57413 |
| 5700 | 5550 | 2 | 13 | -3 | 57379 ROAD BL CLOSURE/LINE 57NW |
| 5700 | 5575 | 2 | 12 | -1 | 57427 |
| 5700 | 5600 | 2 | 16 | 4 | 57659 |
| 5700 | 5625 | 2 | 20 | 7 | 57561 |
| 5700 | 5650 | 2 | 25 | 10 | 57692 |
| 5700 | 5675 | 2 | 30 | -8 | 57499 EOL |
| 5800 | 5600 | 2 | 35 | -6 | 57418 GOING WEST ON LINE 58NW |
| 5800 | 5575 | 2 | 38 | -6 | 57434 |
| 5800 | 5550 | 2 | 40 | -3 | 57344 |
| 5800 | 5525 | 2 | 42 | -2 | 57376 |
| 5800 | 5500 | 2 | 44 | -2 | 57382 |
| 5800 | 5475 | 2 | 45 | 0 | 57372 |
| 5800 | 5450 | 2 | 50 | -4 | 57363 |
| 5800 | 5425 | 2 | 55 | -9 | 57289 ROAD BL CLOSURE/LINE 58NW |
| 5800 | 5400 | 2 | 58 | -10 | 57331 |
| 5800 | 5375 | 3 | 0 | -8 | 57387 |
| 5800 | 5350 | 3 | 5 | -7 | 57337 |
| 5800 | 5325 | 3 | 7 | -10 | 57308 |
| 5800 | 5300 | 3 | 10 | -8 | 57359 |
| 5800 | 5275 | 3 | 15 | -12 | 57309 |
| 5800 | 5250 | 3 | 16 | -12 | 57359 |
| 5800 | 5225 | 3 | 17 | -12 | 57360 |
| 5800 | 5200 | 3 | 19 | -13 | 57363 |
| 5800 | 5175 | 3 | 20 | -13 | 57371 |
| 5800 | 5150 | 3 | 30 | -14 | 57368 |
| 5800 | 5125 | 3 | 32 | -15 | 57331 |
| 5800 | 5100 | 3 | 35 | -12 | 57333 |
| 5800 | 5075 | 3 | 40 | -12 | 57275 EOL |
| 5900 | 5000 | 3 | 47 | -12 | 57256 GOING EAST ON LINE 59NW |
| 5900 | 5025 | 3 | 48 | -12 | 57248 |
| 5900 | 5050 | 3 | 50 | -14 | 57367 |
| 5900 | 5075 | 3 | 52 | -12 | 57331 |
| 5900 | 5100 | 3 | 55 | -11 | 57349 |
| 5900 | 5125 | 3 | 56 | -12 | 57380 |
| 5900 | 5150 | 3 | 58 | -13 | 57366 |
| 5900 | 5175 | 3 | 59 | -13 | 57396 |
| 5900 | 5200 | 4 | 0 | -14 | 57437 |
| 5900 | 5225 | 4 | 5 | -13 | 57346 |
| 5900 | 5250 | 4 | 8 | -12 | 57364 |
| 5900 | 5275 | 4 | 10 | -10 | 57369 |
| 5900 | 5300 | 4 | 11 | -12 | 57322 ROAD BL CLOSURE/LINE 59NW |
| 5900 | 5325 | 4 | 15 | -10 | 57380 |
| 5900 | 5350 | 4 | 17 | -7 | 57446 |
| 5900 | 5375 | 4 | 18 | -7 | 57455 |
| 5900 | 5400 | 4 | 20 | -6 | 57387 |
| 5900 | 5425 | 4 | 23 | -5 | 57418 |
| 5900 | 5450 | 4 | 25 | -5 | 57460 |
| 5900 | 5475 | 4 | 27 | 0 | 57420 |
| 5900 | 5500 | 4 | 30 | 3 | 57425 EOL |
| 5600 | 5600 | 4 | 55 | 0 | 57421 BASE STATION |

| | | | | | |
|------|------|----|----|-----|---------------------------------|
| 5600 | 5600 | 8 | 0 | 0 | 57417 BASE STATION (90/07/30) |
| 5600 | 5625 | 8 | 5 | 3 | 57445 GOING EAST ON LINE 56NW |
| 5600 | 5650 | 8 | 7 | 4 | 57611 |
| 5600 | 5675 | 8 | 10 | 5 | 57498 |
| 5600 | 5700 | 8 | 12 | 8 | 57425 |
| 5600 | 5725 | 8 | 14 | 12 | 57359 |
| 5600 | 5750 | 8 | 15 | 13 | 57356 |
| 5600 | 5775 | 8 | 17 | 15 | 57372 |
| 5600 | 5800 | 8 | 19 | 16 | 57398 |
| 5600 | 5825 | 8 | 21 | 19 | 57383 |
| 5600 | 5850 | 8 | 23 | 20 | 57408 |
| 5600 | 5875 | 8 | 25 | 17 | 57411 |
| 5600 | 5900 | 8 | 27 | 17 | 57408 |
| 5600 | 5925 | 8 | 30 | 17 | 57439 |
| 5600 | 5950 | 8 | 32 | 16 | 57399 |
| 5600 | 5975 | 8 | 35 | 15 | 57436 |
| 5600 | 6000 | 8 | 37 | 15 | 57404 EOL |
| 5500 | 6000 | 8 | 45 | 15 | 57384 GOING WEST ON LINE 55NW |
| 5500 | 5975 | 8 | 48 | 16 | 57399 |
| 5500 | 5950 | 8 | 50 | 16 | 57386 |
| 5500 | 5925 | 8 | 52 | 14 | 57391 |
| 5500 | 5900 | 8 | 53 | 13 | 57378 |
| 5500 | 5875 | 8 | 55 | 11 | 57357 |
| 5500 | 5850 | 8 | 58 | 8 | 57397 |
| 5500 | 5825 | 9 | 0 | 6 | 57326 |
| 5500 | 5800 | 9 | 1 | 6 | 57336 |
| 5500 | 5775 | 9 | 2 | 5 | 57326 |
| 5500 | 5750 | 9 | 3 | 7 | 57442 |
| 5500 | 5725 | 9 | 5 | 9 | 57424 |
| 5500 | 5700 | 9 | 6 | 9 | 57533 |
| 5500 | 5675 | 9 | 7 | 7 | 57456 |
| 5500 | 5650 | 9 | 9 | 8 | 57452 |
| 5500 | 5625 | 9 | 10 | 4 | 57329 |
| 5500 | 5600 | 9 | 12 | -2 | 57363 |
| 5500 | 5575 | 9 | 15 | -4 | 57316 ROAD BL CLOSURE/LINE 55NW |
| 5500 | 5550 | 9 | 20 | -12 | 57360 STIRRUP CREEK |
| 5500 | 5525 | 9 | 23 | -18 | 57461 |
| 5500 | 5500 | 9 | 25 | -20 | 57380 |
| 5500 | 5475 | 9 | 30 | -19 | 57483 |
| 5500 | 5450 | 9 | 32 | -21 | 57421 |
| 5500 | 5425 | 9 | 35 | -21 | 57441 |
| 5500 | 5400 | 9 | 38 | -18 | 57425 |
| 5500 | 5375 | 9 | 41 | -18 | 57434 |
| 5500 | 5350 | 9 | 45 | -20 | 57419 ROCK OUTCROP |
| 5500 | 5325 | 9 | 47 | -21 | 57434 |
| 5500 | 5300 | 9 | 50 | -23 | 57422 |
| 5500 | 5275 | 9 | 52 | -23 | 57434 |
| 5500 | 5250 | 9 | 56 | -23 | 57430 |
| 5500 | 5225 | 9 | 58 | -21 | 57422 |
| 5500 | 5200 | 10 | 5 | -18 | 57449 |
| 5500 | 5175 | 10 | 7 | -16 | 57454 |
| 5500 | 5150 | 10 | 9 | -14 | 57505 |
| 5500 | 5125 | 10 | 10 | -12 | 57431 |
| 5500 | 5100 | 10 | 12 | -11 | 57523 |
| 5500 | 5075 | 10 | 14 | -10 | 57431 @ CREST OF HILL |
| 5500 | 5050 | 10 | 16 | -6 | 57418 |

| | | | | | |
|------|------|----|----|-----|---------------------------------|
| 5500 | 5025 | 10 | 18 | -6 | 57413 |
| 5500 | 5000 | 10 | 20 | -4 | 57408 EOL |
| 5400 | 5000 | 10 | 30 | -9 | 57413 GOING EAST ON LINE 54NW |
| 5400 | 5025 | 10 | 32 | -8 | 57417 |
| 5400 | 5050 | 10 | 36 | -8 | 57496 |
| 5400 | 5075 | 10 | 40 | -8 | 57430 |
| 5400 | 5100 | 10 | 42 | -9 | 57419 @ CRST OF HILL |
| 5400 | 5125 | 10 | 44 | -12 | 57396 |
| 5400 | 5150 | 10 | 45 | -16 | 57416 |
| 5400 | 5175 | 10 | 48 | -20 | 57414 |
| 5400 | 5200 | 10 | 50 | -22 | 57441 |
| 5400 | 5225 | 10 | 52 | -22 | 57413 |
| 5400 | 5250 | 10 | 55 | -22 | 57395 |
| 5400 | 5275 | 10 | 58 | -23 | 57402 |
| 5400 | 5300 | 10 | 59 | -22 | 57413 |
| 5400 | 5325 | 11 | 0 | -22 | 57428 |
| 5400 | 5350 | 11 | 2 | -23 | 57419 |
| 5400 | 5375 | 11 | 3 | -24 | 57390 |
| 5400 | 5400 | 11 | 4 | -24 | 57481 |
| 5400 | 5425 | 11 | 7 | -23 | 57459 |
| 5400 | 5450 | 11 | 9 | -23 | 57521 |
| 5400 | 5475 | 11 | 11 | -28 | 57486 |
| 5400 | 5500 | 11 | 13 | -24 | 57483 |
| 5400 | 5525 | 11 | 15 | -18 | 57385 |
| 5400 | 5550 | 11 | 17 | -16 | 57553 |
| 5400 | 5575 | 11 | 19 | -7 | 57336 STIRRUP CREEK |
| 5400 | 5585 | 11 | 20 | -5 | 57426 ROAD BL CLOSURE/LINE 54NW |
| 5400 | 5600 | 11 | 25 | -4 | 57435 |
| 5400 | 5625 | 11 | 30 | 0 | 57593 |
| 5400 | 5650 | 11 | 32 | 1 | 57485 |
| 5400 | 5675 | 11 | 34 | 4 | 57425 |
| 5400 | 5700 | 11 | 36 | 8 | 57513 |
| 5400 | 5725 | 11 | 38 | 9 | 57268 |
| 5400 | 5750 | 11 | 40 | 11 | 57331 |
| 5400 | 5775 | 11 | 42 | 12 | 57387 |
| 5400 | 5800 | 11 | 43 | 11 | 57468 |
| 5400 | 5825 | 11 | 45 | 11 | 57433 |
| 5400 | 5850 | 11 | 47 | 6 | 57401 |
| 5400 | 5875 | 11 | 50 | 8 | 57409 |
| 5400 | 5900 | 11 | 52 | 8 | 57347 |
| 5400 | 5925 | 11 | 55 | 10 | 57432 |
| 5400 | 5950 | 11 | 57 | 14 | 57327 |
| 5400 | 5975 | 11 | 59 | 16 | 57338 |
| 5400 | 6000 | 12 | 0 | 18 | 57419 EOL |
| 5300 | 6000 | 12 | 10 | 17 | 57407 GOING WEST ON LINE 53NW |
| 5300 | 5975 | 12 | 11 | 19 | 57310 |
| 5300 | 5950 | 12 | 13 | 16 | 57372 |
| 5300 | 5925 | 12 | 15 | 17 | 57424 |
| 5300 | 5900 | 12 | 17 | 17 | 57409 |
| 5300 | 5875 | 12 | 18 | 15 | 57298 |
| 5300 | 5850 | 12 | 19 | 15 | 57413 |
| 5300 | 5825 | 12 | 20 | 15 | 57392 |
| 5300 | 5800 | 12 | 22 | 14 | 57711 |
| 5300 | 5775 | 12 | 24 | 15 | 57526 |
| 5300 | 5750 | 12 | 26 | 15 | 57515 |
| 5300 | 5725 | 12 | 28 | 16 | 57580 |

| | | | | | |
|------|------|----|----|-----|---------------------------------|
| 5300 | 5700 | 12 | 30 | 16 | 57487 |
| 5300 | 5675 | 12 | 32 | 12 | 57476 |
| 5300 | 5650 | 12 | 34 | 10 | 57456 |
| 5300 | 5625 | 12 | 36 | 6 | 57790 |
| 5300 | 5600 | 12 | 38 | 0 | 57686 |
| 5300 | 5585 | 12 | 40 | -3 | 57485 ROAD BL CLOSURE/LINE 53NW |
| 5300 | 5585 | 1 | 23 | -3 | 57390 ROAD BL START |
| 5300 | 5575 | 1 | 25 | -3 | 57387 |
| 5300 | 5550 | 1 | 27 | -11 | 57379 |
| 5300 | 5525 | 1 | 29 | -12 | 57474 |
| 5300 | 5500 | 1 | 32 | -18 | 57217 |
| 5300 | 5475 | 1 | 35 | -24 | 57627 |
| 5300 | 5450 | 1 | 40 | -32 | 57707 |
| 5300 | 5425 | 1 | 43 | -24 | 57558 |
| 5300 | 5400 | 1 | 47 | -24 | 57532 |
| 5300 | 5375 | 1 | 50 | -22 | 57446 |
| 5300 | 5350 | 1 | 54 | -20 | 57479 |
| 5300 | 5325 | 1 | 56 | -20 | 57536 |
| 5300 | 5300 | 1 | 58 | -20 | 57511 |
| 5300 | 5275 | 2 | 0 | -20 | 57456 |
| 5300 | 5250 | 2 | 4 | -20 | 57462 |
| 5300 | 5225 | 2 | 8 | -20 | 57446 |
| 5300 | 5200 | 2 | 10 | -20 | 57511 |
| 5300 | 5175 | 2 | 13 | -19 | 57423 |
| 5300 | 5150 | 2 | 15 | -16 | 57450 |
| 5300 | 5125 | 2 | 17 | -16 | 57445 |
| 5300 | 5100 | 2 | 20 | -14 | 57518 @ TOP OF HILL |
| 5300 | 5075 | 2 | 23 | -9 | 57479 |
| 5300 | 5050 | 2 | 25 | -6 | 57501 |
| 5300 | 5025 | 2 | 27 | -4 | 57476 |
| 5300 | 5000 | 2 | 28 | -5 | 57426 EOL |
| 5200 | 5100 | 2 | 50 | -4 | 57550 GOING EAST ON LINE 52NW |
| 5200 | 5125 | 2 | 52 | -3 | 57554 |
| 5200 | 5150 | 2 | 55 | -6 | 57577 |
| 5200 | 5175 | 2 | 56 | -8 | 57549 |
| 5200 | 5200 | 2 | 57 | -13 | 57553 |
| 5200 | 5225 | 2 | 59 | -13 | 57512 |
| 5200 | 5250 | 3 | 0 | -16 | 57568 @ DOZER TRENCHES |
| 5200 | 5275 | 3 | 2 | -20 | 57595 |
| 5200 | 5300 | 3 | 4 | -20 | 57620 |
| 5200 | 5325 | 3 | 5 | -20 | 57645 |
| 5200 | 5350 | 3 | 7 | -18 | 57671 |
| 5200 | 5375 | 3 | 8 | -24 | 57732 |
| 5200 | 5400 | 3 | 10 | -27 | 57838 |
| 5200 | 5425 | 3 | 12 | -34 | 57920 |
| 5200 | 5450 | 3 | 14 | -28 | 57861 |
| 5200 | 5475 | 3 | 16 | -22 | 57591 |
| 5200 | 5500 | 3 | 18 | -18 | 57313 |
| 5200 | 5525 | 3 | 20 | -14 | 57573 |
| 5200 | 5550 | 3 | 23 | -12 | 57390 |
| 5200 | 5575 | 3 | 25 | -3 | 57363 STIRRUP CREEK |
| 5200 | 5585 | 3 | 30 | 3 | 57532 ROAD BL CLOSURE/LINE 52NW |
| 5200 | 5585 | 8 | 0 | 3 | 57471 ROAD BL (90/07/31) |
| 5200 | 5600 | 8 | 2 | 3 | 57471 |
| 5200 | 5625 | 8 | 3 | 5 | 57485 |
| 5200 | 5650 | 8 | 5 | 6 | 57638 |

| | | | | | |
|------|------|----|----|-----|---------------------------------|
| 5200 | 5675 | 8 | 8 | 12 | 57507 |
| 5200 | 5700 | 8 | 9 | 9 | 57522 |
| 5200 | 5725 | 8 | 10 | 10 | 57597 |
| 5200 | 5750 | 8 | 12 | 10 | 57529 |
| 5200 | 5775 | 8 | 14 | 12 | 57483 |
| 5200 | 5800 | 8 | 17 | 12 | 57477 |
| 5200 | 5825 | 8 | 20 | 12 | 57439 |
| 5200 | 5850 | 8 | 22 | 12 | 57417 |
| 5200 | 5875 | 8 | 24 | 14 | 57406 |
| 5200 | 5900 | 8 | 25 | 14 | 57392 |
| 5200 | 5925 | 8 | 27 | 16 | 57426 |
| 5200 | 5950 | 8 | 29 | 18 | 57431 |
| 5200 | 5975 | 8 | 30 | 17 | 57420 |
| 5200 | 6000 | 8 | 35 | 19 | 57422 EOL |
| 5100 | 6000 | 8 | 40 | 18 | 57432 GOING WEST ON LINE 51NW |
| 5100 | 5975 | 8 | 42 | 22 | 57408 |
| 5100 | 5950 | 8 | 44 | 20 | 57405 |
| 5100 | 5925 | 8 | 46 | 22 | 57392 |
| 5100 | 5900 | 8 | 48 | 18 | 57420 |
| 5100 | 5875 | 8 | 50 | 19 | 57452 |
| 5100 | 5850 | 8 | 52 | 16 | 57447 |
| 5100 | 5825 | 8 | 55 | 16 | 57431 |
| 5100 | 5800 | 8 | 57 | 16 | 57388 |
| 5100 | 5775 | 8 | 58 | 15 | 57422 |
| 5100 | 5750 | 8 | 59 | 14 | 57402 |
| 5100 | 5725 | 9 | 1 | 14 | 57487 |
| 5100 | 5700 | 9 | 3 | 15 | 57401 |
| 5100 | 5675 | 9 | 5 | 15 | 57463 |
| 5100 | 5650 | 9 | 7 | 12 | 57474 |
| 5100 | 5625 | 9 | 10 | 9 | 57496 |
| 5100 | 5600 | 9 | 13 | 7 | 57480 |
| 5100 | 5575 | 9 | 15 | 2 | 57548 ROAD BL CLOSURE/LINE 51NW |
| 5100 | 5550 | 9 | 20 | -9 | 57422 |
| 5100 | 5525 | 9 | 22 | -13 | 57334 |
| 5100 | 5500 | 9 | 24 | -14 | 57329 |
| 5100 | 5475 | 9 | 26 | -18 | 57673 |
| 5100 | 5450 | 9 | 28 | -20 | 57567 |
| 5100 | 5425 | 9 | 30 | -24 | 57562 |
| 5100 | 5400 | 9 | 37 | -27 | 57709 |
| 5100 | 5375 | 9 | 40 | -26 | 57885 |
| 5100 | 5350 | 9 | 45 | -25 | 57808 |
| 5100 | 5325 | 9 | 46 | -25 | 57823 |
| 5100 | 5300 | 9 | 47 | -15 | 57716 |
| 5100 | 5275 | 9 | 48 | -17 | 57726 |
| 5100 | 5250 | 9 | 50 | -15 | 57650 |
| 5100 | 5225 | 9 | 52 | -14 | 57638 |
| 5100 | 5200 | 9 | 53 | -10 | 57576 @ DOZER TRENCHES |
| 5100 | 5175 | 9 | 55 | -8 | 57546 |
| 5100 | 5150 | 9 | 57 | -4 | 57457 @ TOP OF HILL |
| 5100 | 5125 | 9 | 58 | -2 | 57591 |
| 5100 | 5100 | 10 | 0 | -1 | 57518 |
| 5100 | 5075 | 10 | 4 | -2 | 57539 |
| 5100 | 5050 | 10 | 6 | 0 | 57451 |
| 5100 | 5025 | 10 | 8 | -1 | 57516 |
| 5100 | 5000 | 10 | 10 | 0 | 57473 EOL |
| 5000 | 5000 | 10 | 25 | -2 | 57489 GOING EAST ON LINE 50NW |

| | | | | | |
|------|------|----|----|-----|---------------------------------|
| 5000 | 5100 | 10 | 31 | 3 | 57511 |
| 5000 | 5125 | 10 | 35 | 1 | 57590 |
| 5000 | 5150 | 10 | 38 | 1 | 57576 |
| 5000 | 5175 | 10 | 39 | 0 | 57620 |
| 5000 | 5200 | 10 | 41 | -1 | 57609 |
| 5000 | 5225 | 10 | 43 | -4 | 57694 |
| 5000 | 5250 | 10 | 44 | -10 | 57717 |
| 5000 | 5275 | 10 | 46 | -16 | 57811 |
| 5000 | 5300 | 10 | 48 | -20 | 57963 |
| 5000 | 5325 | 10 | 50 | -27 | 59149 |
| 5000 | 5350 | 10 | 52 | -24 | 59074 |
| 5000 | 5375 | 10 | 54 | -25 | 59185 |
| 5000 | 5400 | 10 | 55 | -27 | 59046 |
| 5000 | 5425 | 10 | 58 | -22 | 57831 |
| 5000 | 5450 | 11 | 0 | -22 | 57800 |
| 5000 | 5475 | 11 | 1 | -18 | 57583 |
| 5000 | 5500 | 11 | 3 | -18 | 57927 |
| 5000 | 5525 | 11 | 4 | -12 | 57811 |
| 5000 | 5550 | 11 | 5 | -10 | 57695 |
| 5000 | 5575 | 11 | 7 | -2 | 57331 STIRRUP CREEK |
| 5000 | 5600 | 11 | 10 | 5 | 57643 ROAD BL CLOSURE/LINE 50NW |

APPENDIX B

CAZADOR EXPLORATIONS LIMITED
 Stirrup Creek Project, Geophysical Program
 Fraser Filtered VLF-EM Data, Corrected Magnetic Data
 July/August 1990

| COORDINATES | | FRASER FILTERED VLF-EM | CORRECTED MAGNETICS TTL FIELD (gammas) |
|----------------|----------------|------------------------------|---|
| NW (meters) | NE (meters) | | |
| 5900 | 5500 | | 57345 |
| 5900 | 5475 | | 57335 |
| 5900 | 5450 | -13 | 57372 |
| 5900 | 5425 | -6 | 57327 |
| 5900 | 5400 | -3 | 57292 |
| 5900 | 5375 | -3 | 57357 |
| 5900 | 5350 | -4 | 57346 |
| 5900 | 5325 | -8 | 57277 |
| 5900 | 5300 | -5 | 57219 |
| 5900 | 5275 | 0 | 57266 |
| 5900 | 5250 | -3 | 57262 |
| 5900 | 5225 | -5 | 57246 |
| 5900 | 5200 | -2 | 57339 |
| 5900 | 5175 | 1 | 57299 |
| 5900 | 5150 | 2 | 57269 |
| 5900 | 5125 | 3 | 57284 |
| 5900 | 5100 | 2 | 57254 |
| 5900 | 5075 | -3 | 57237 |
| 5900 | 5050 | -3 | 57274 |
| 5900 | 5025 | 2 | 57156 |
| 5900 | 5000 | 8 | 57165 |
| 5800 | 5600 | 12 | 57367 |
| 5800 | 5575 | 9 | 57381 |
| 5800 | 5550 | 7 | 57289 |
| 5800 | 5525 | 5 | 57320 |
| 5800 | 5500 | 3 | 57324 |
| 5800 | 5475 | 0 | 57313 |
| 5800 | 5450 | -11 | 57300 |
| 5800 | 5425 | -15 | 57222 |
| 5800 | 5400 | -5 | 57264 |
| 5800 | 5375 | 4 | 57319 |
| 5800 | 5350 | 1 | 57267 |
| 5800 | 5325 | -3 | 57237 |
| 5800 | 5300 | -3 | 57286 |
| 5800 | 5275 | -6 | 57234 |
| 5800 | 5250 | -4 | 57283 |
| 5800 | 5225 | -1 | 57284 |
| 5800 | 5200 | -2 | 57286 |
| 5800 | 5175 | -2 | 57293 |
| 5800 | 5150 | -3 | 57285 |
| 5800 | 5125 | 0 | 57247 |
| 5800 | 5100 | 5 | 57248 |
| 5800 | 5075 | | 57187 |
| 5700 | 5675 | | 57452 |
| 5700 | 5650 | | 57649 |

| | | | |
|------|------|-----|-------|
| 5700 | 5625 | 9 | 57522 |
| 5700 | 5600 | -14 | 57624 |
| 5700 | 5575 | -15 | 57395 |
| 5700 | 5550 | -8 | 57347 |
| 5700 | 5525 | -6 | 57383 |
| 5700 | 5500 | -11 | 57324 |
| 5700 | 5450 | -6 | 57401 |
| 5700 | 5425 | -1 | 57370 |
| 5700 | 5400 | -5 | 57365 |
| 5700 | 5375 | -9 | 57367 |
| 5700 | 5350 | -6 | 57345 |
| 5700 | 5325 | 1 | 57398 |
| 5700 | 5300 | 3 | 57350 |
| 5700 | 5275 | 1 | 57361 |
| 5700 | 5250 | -2 | 57377 |
| 5700 | 5225 | -5 | 57403 |
| 5700 | 5200 | -3 | 57368 |
| 5700 | 5175 | -2 | 57369 |
| 5700 | 5150 | -4 | 57302 |
| 5700 | 5125 | 1 | 57373 |
| 5700 | 5100 | 5 | 57364 |
| 5700 | 5075 | 4 | 57391 |
| 5700 | 5050 | 4 | 57393 |
| 5700 | 5025 | 3 | 57387 |
| 5700 | 5000 | | 57374 |
| 5600 | 6000 | | 57404 |
| 5600 | 5975 | | 57434 |
| 5600 | 5950 | 3 | 57394 |
| 5600 | 5925 | 3 | 57432 |
| 5600 | 5900 | 1 | 57397 |
| 5600 | 5875 | 3 | 57398 |
| 5600 | 5850 | 5 | 57393 |
| 5600 | 5825 | -2 | 57366 |
| 5600 | 5800 | -8 | 57379 |
| 5600 | 5775 | -7 | 57351 |
| 5600 | 5750 | -6 | 57333 |
| 5600 | 5725 | -8 | 57335 |
| 5600 | 5700 | -12 | 57399 |
| 5600 | 5675 | -11 | 57470 |
| 5600 | 5650 | -6 | 57579 |
| 5600 | 5625 | -6 | 57411 |
| 5600 | 5600 | -10 | 57378 |
| 5600 | 5575 | -13 | 57356 |
| 5600 | 5550 | -15 | 57403 |
| 5600 | 5525 | -13 | 57390 |
| 5600 | 5500 | -6 | 57354 |
| 5600 | 5475 | -1 | 57422 |
| 5600 | 5450 | -2 | 57386 |
| 5600 | 5425 | -3 | 57378 |
| 5600 | 5400 | -4 | 57379 |
| 5600 | 5375 | -8 | 57386 |
| 5600 | 5350 | -8 | 57394 |
| 5600 | 5325 | -6 | 57369 |
| 5600 | 5300 | -2 | 57379 |
| 5600 | 5275 | 5 | 57369 |
| 5600 | 5250 | 6 | 57403 |

| | | | |
|------|------|-----|-------|
| 5600 | 5225 | 3 | 57420 |
| 5600 | 5200 | 5 | 57398 |
| 5600 | 5175 | 10 | 57400 |
| 5600 | 5150 | 11 | 57395 |
| 5600 | 5125 | 7 | 57444 |
| 5600 | 5100 | 4 | 57404 |
| 5600 | 5075 | 2 | 57440 |
| 5600 | 5050 | -2 | 57432 |
| 5600 | 5025 | -1 | 57445 |
| 5600 | 5000 | | 57429 |
| 5500 | 6000 | | 57392 |
| 5500 | 5975 | | 57411 |
| 5500 | 5950 | -1 | 57400 |
| 5500 | 5925 | -5 | 57407 |
| 5500 | 5900 | -6 | 57395 |
| 5500 | 5875 | -8 | 57376 |
| 5500 | 5850 | -10 | 57419 |
| 5500 | 5825 | -7 | 57350 |
| 5500 | 5800 | -3 | 57361 |
| 5500 | 5775 | 0 | 57352 |
| 5500 | 5750 | 5 | 57469 |
| 5500 | 5725 | 6 | 57453 |
| 5500 | 5700 | 0 | 57564 |
| 5500 | 5675 | -3 | 57488 |
| 5500 | 5650 | -4 | 57486 |
| 5500 | 5625 | -13 | 57364 |
| 5500 | 5600 | -18 | 57400 |
| 5500 | 5575 | -18 | 57356 |
| 5500 | 5550 | -24 | 57400 |
| 5500 | 5525 | -22 | 57499 |
| 5500 | 5500 | -9 | 57417 |
| 5500 | 5475 | -2 | 57516 |
| 5500 | 5450 | -3 | 57453 |
| 5500 | 5425 | 1 | 57471 |
| 5500 | 5400 | 6 | 57453 |
| 5500 | 5375 | 1 | 57459 |
| 5500 | 5350 | -5 | 57442 |
| 5500 | 5325 | -6 | 57455 |
| 5500 | 5300 | -5 | 57441 |
| 5500 | 5275 | -2 | 57452 |
| 5500 | 5250 | 2 | 57445 |
| 5500 | 5225 | 7 | 57436 |
| 5500 | 5200 | 10 | 57458 |
| 5500 | 5175 | 9 | 57461 |
| 5500 | 5150 | 8 | 57511 |
| 5500 | 5125 | 7 | 57436 |
| 5500 | 5100 | 5 | 57527 |
| 5500 | 5075 | 7 | 57434 |
| 5500 | 5050 | 9 | 57419 |
| 5500 | 5025 | 6 | 57413 |
| 5500 | 5000 | | 57407 |
| 5400 | 6000 | | 57340 |
| 5400 | 5975 | | 57260 |
| 5400 | 5950 | -10 | 57251 |
| 5400 | 5925 | -12 | 57358 |
| 5400 | 5900 | -8 | 57276 |

| | | | |
|------|------|-----|-------|
| 5400 | 5875 | -4 | 57340 |
| 5400 | 5850 | 1 | 57335 |
| 5400 | 5825 | 8 | 57369 |
| 5400 | 5800 | 6 | 57407 |
| 5400 | 5775 | 1 | 57327 |
| 5400 | 5750 | -3 | 57273 |
| 5400 | 5725 | -6 | 57212 |
| 5400 | 5700 | -8 | 57459 |
| 5400 | 5675 | -12 | 57373 |
| 5400 | 5650 | -11 | 57435 |
| 5400 | 5625 | -9 | 57545 |
| 5400 | 5600 | -10 | 57392 |
| 5400 | 5585 | -8 | 57383 |
| 5400 | 5575 | -14 | 57294 |
| 5400 | 5550 | -22 | 57512 |
| 5400 | 5525 | -19 | 57345 |
| 5400 | 5500 | -18 | 57445 |
| 5400 | 5475 | -9 | 57457 |
| 5400 | 5450 | 6 | 57486 |
| 5400 | 5425 | 4 | 57425 |
| 5400 | 5400 | -2 | 57449 |
| 5400 | 5375 | 0 | 57359 |
| 5400 | 5350 | 3 | 57388 |
| 5400 | 5325 | 3 | 57399 |
| 5400 | 5300 | 0 | 57385 |
| 5400 | 5275 | -1 | 57374 |
| 5400 | 5250 | 1 | 57369 |
| 5400 | 5225 | 1 | 57389 |
| 5400 | 5200 | 2 | 57419 |
| 5400 | 5175 | 8 | 57393 |
| 5400 | 5150 | 14 | 57397 |
| 5400 | 5125 | 15 | 57378 |
| 5400 | 5100 | 11 | 57402 |
| 5400 | 5075 | 5 | 57415 |
| 5400 | 5050 | 1 | 57483 |
| 5400 | 5025 | -1 | 57407 |
| 5400 | 5000 | | 57405 |
| 5300 | 6000 | | 57318 |
| 5300 | 5975 | | 57220 |
| 5300 | 5950 | -3 | 57280 |
| 5300 | 5925 | -1 | 57330 |
| 5300 | 5900 | -1 | 57313 |
| 5300 | 5875 | -4 | 57201 |
| 5300 | 5850 | -2 | 57315 |
| 5300 | 5825 | -1 | 57293 |
| 5300 | 5800 | -1 | 57609 |
| 5300 | 5775 | 1 | 57422 |
| 5300 | 5750 | 2 | 57409 |
| 5300 | 5725 | 2 | 57472 |
| 5300 | 5700 | -3 | 57377 |
| 5300 | 5675 | -10 | 57364 |
| 5300 | 5650 | -12 | 57342 |
| 5300 | 5625 | -16 | 57674 |
| 5300 | 5600 | -19 | 57568 |
| 5300 | 5585 | -12 | 57365 |
| 5300 | 5585 | -3 | 57365 |

| | | | |
|------|------|-----|-------|
| 5300 | 5575 | -8 | 57361 |
| 5300 | 5550 | -17 | 57353 |
| 5300 | 5525 | -16 | 57447 |
| 5300 | 5500 | -19 | 57189 |
| 5300 | 5475 | -26 | 57598 |
| 5300 | 5450 | -14 | 57677 |
| 5300 | 5425 | 8 | 57527 |
| 5300 | 5400 | 10 | 57499 |
| 5300 | 5375 | 6 | 57412 |
| 5300 | 5350 | 6 | 57444 |
| 5300 | 5325 | 2 | 57501 |
| 5300 | 5300 | 0 | 57475 |
| 5300 | 5275 | 0 | 57419 |
| 5300 | 5250 | 0 | 57424 |
| 5300 | 5225 | 0 | 57407 |
| 5300 | 5200 | 1 | 57471 |
| 5300 | 5175 | 5 | 57382 |
| 5300 | 5150 | 7 | 57409 |
| 5300 | 5125 | 5 | 57403 |
| 5300 | 5100 | 9 | 57475 |
| 5300 | 5075 | 15 | 57435 |
| 5300 | 5050 | 13 | 57456 |
| 5300 | 5025 | 6 | 57431 |
| 5300 | 5000 | | 57381 |
| 5200 | 6000 | | 57381 |
| 5200 | 5975 | | 57384 |
| 5200 | 5950 | -2 | 57396 |
| 5200 | 5925 | -5 | 57393 |
| 5200 | 5900 | -6 | 57361 |
| 5200 | 5875 | -4 | 57376 |
| 5200 | 5850 | -4 | 57390 |
| 5200 | 5825 | -2 | 57414 |
| 5200 | 5800 | 0 | 57455 |
| 5200 | 5775 | -2 | 57464 |
| 5200 | 5750 | -4 | 57512 |
| 5200 | 5725 | -3 | 57582 |
| 5200 | 5700 | 1 | 57508 |
| 5200 | 5675 | -1 | 57494 |
| 5200 | 5650 | -10 | 57629 |
| 5200 | 5625 | -10 | 57478 |
| 5200 | 5600 | -5 | 57465 |
| 5200 | 5585 | -8 | 57467 |
| 5200 | 5575 | -21 | 57300 |
| 5200 | 5550 | -26 | 57327 |
| 5200 | 5525 | -17 | 57511 |
| 5200 | 5500 | -14 | 57252 |
| 5200 | 5475 | -18 | 57530 |
| 5200 | 5450 | -22 | 57801 |
| 5200 | 5425 | -11 | 57861 |
| 5200 | 5400 | 11 | 57779 |
| 5200 | 5375 | 19 | 57674 |
| 5200 | 5350 | 13 | 57613 |
| 5200 | 5325 | 2 | 57588 |
| 5200 | 5300 | -2 | 57563 |
| 5200 | 5275 | 4 | 57539 |
| 5200 | 5250 | 11 | 57512 |

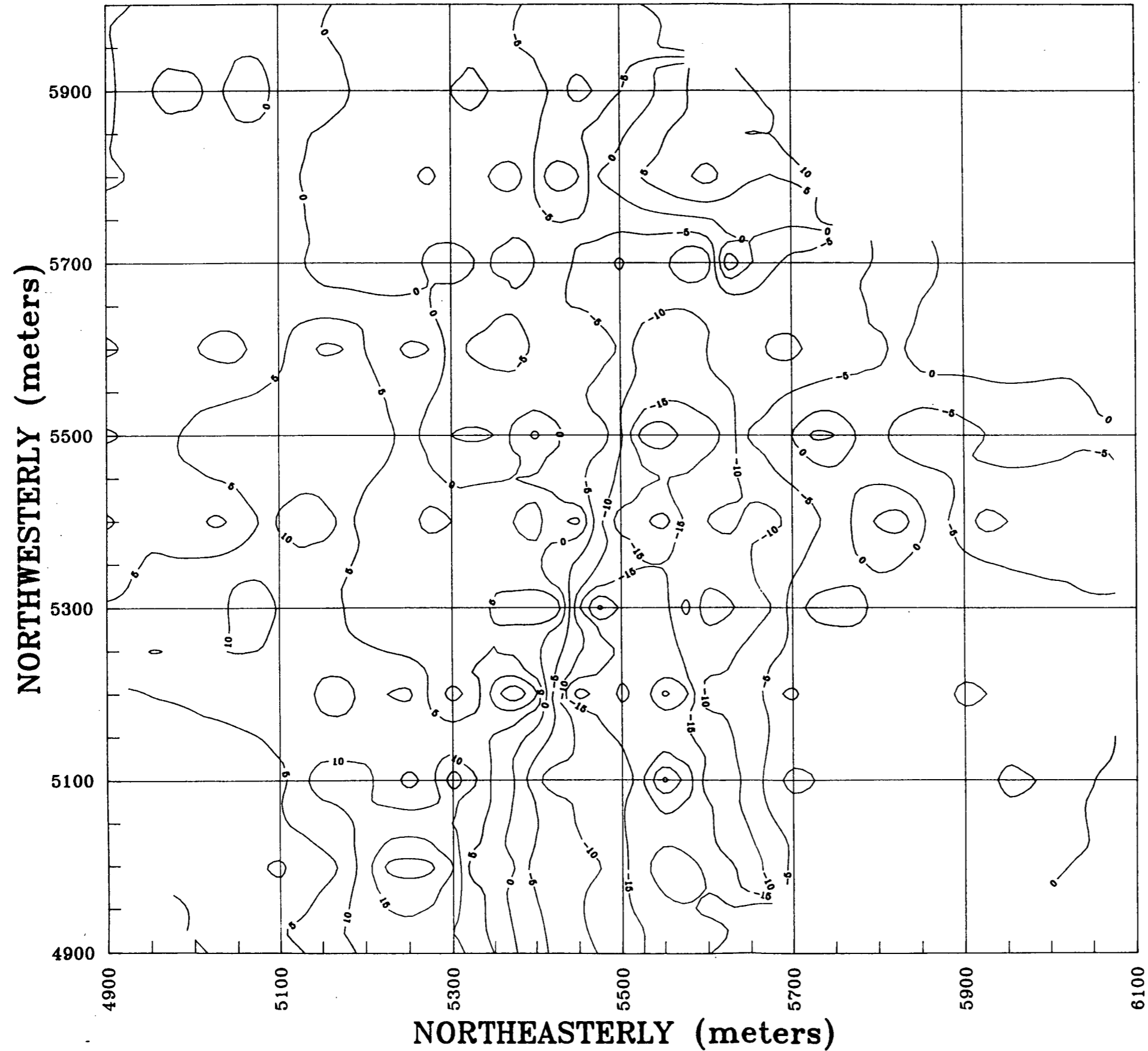
| | | | |
|------|------|-----|-------|
| 5200 | 5225 | 10 | 57457 |
| 5200 | 5200 | 8 | 57498 |
| 5200 | 5175 | 12 | 57495 |
| 5200 | 5150 | 12 | 57523 |
| 5200 | 5125 | 7 | 57501 |
| 5200 | 5100 | | 57498 |
| 5100 | 6000 | | 57385 |
| 5100 | 5975 | | 57359 |
| 5100 | 5950 | 2 | 57354 |
| 5100 | 5925 | -2 | 57339 |
| 5100 | 5900 | -5 | 57365 |
| 5100 | 5875 | -5 | 57395 |
| 5100 | 5850 | -5 | 57388 |
| 5100 | 5825 | -3 | 57368 |
| 5100 | 5800 | -1 | 57323 |
| 5100 | 5775 | -3 | 57356 |
| 5100 | 5750 | -3 | 57335 |
| 5100 | 5725 | 0 | 57418 |
| 5100 | 5700 | 2 | 57330 |
| 5100 | 5675 | -2 | 57390 |
| 5100 | 5650 | -9 | 57399 |
| 5100 | 5625 | -11 | 57417 |
| 5100 | 5600 | -12 | 57398 |
| 5100 | 5575 | -23 | 57464 |
| 5100 | 5550 | -31 | 57338 |
| 5100 | 5525 | -20 | 57250 |
| 5100 | 5500 | -10 | 57246 |
| 5100 | 5475 | -11 | 57590 |
| 5100 | 5450 | -12 | 57484 |
| 5100 | 5425 | -13 | 57480 |
| 5100 | 5400 | -9 | 57628 |
| 5100 | 5375 | 0 | 57804 |
| 5100 | 5350 | 3 | 57728 |
| 5100 | 5325 | 11 | 57743 |
| 5100 | 5300 | 18 | 57636 |
| 5100 | 5275 | 8 | 57647 |
| 5100 | 5250 | 3 | 57571 |
| 5100 | 5225 | 8 | 57559 |
| 5100 | 5200 | 11 | 57497 |
| 5100 | 5175 | 12 | 57468 |
| 5100 | 5150 | 12 | 57379 |
| 5100 | 5125 | 9 | 57513 |
| 5100 | 5100 | 3 | 57441 |
| 5100 | 5075 | 1 | 57462 |
| 5100 | 5050 | 2 | 57375 |
| 5100 | 5025 | 1 | 57440 |
| 5100 | 5000 | | 57397 |
| 5000 | 5600 | | 57577 |
| 5000 | 5575 | | 57265 |
| 5000 | 5550 | -25 | 57628 |
| 5000 | 5525 | -18 | 57744 |
| 5000 | 5500 | -14 | 57860 |
| 5000 | 5475 | -10 | 57516 |
| 5000 | 5450 | -8 | 57732 |
| 5000 | 5425 | -9 | 57763 |
| 5000 | 5400 | -8 | 58978 |

| | | | |
|------|------|----|-------|
| 5000 | 5375 | 0 | 59116 |
| 5000 | 5350 | 1 | 59005 |
| 5000 | 5325 | 2 | 59080 |
| 5000 | 5300 | 15 | 57893 |
| 5000 | 5275 | 21 | 57741 |
| 5000 | 5250 | 22 | 57647 |
| 5000 | 5225 | 21 | 57624 |
| 5000 | 5200 | 13 | 57538 |
| 5000 | 5175 | 6 | 57549 |
| 5000 | 5150 | 3 | 57505 |
| 5000 | 5125 | 3 | 57518 |
| 5000 | 5100 | -1 | 57439 |
| 5000 | 5000 | | 57416 |

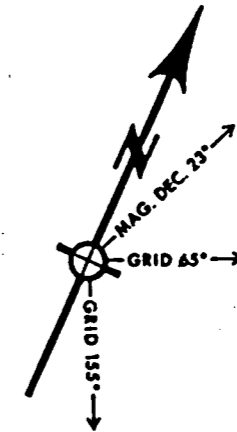
Note: VLP-EM convention: W-, E+

APPENDIX C

**STIRRUP CREEK PROJECT, VLF-EM SURVEY
CAZADOR EXPLORATIONS LIMITED, JULY 1990**



NOTES:
 VLF-EM SURVEY BY: JOHN CHAPMAN, BRETT SVEINSON
 INSTRUMENT: PHOENIX VLF-2 (TRANSMITTER-SEATTLE)
 CONTOURS: FRASER FILTERED DIP ANGLE (W-E+)
 MAP ORIENTATION: NE LINES AT 155 DEG. AZIMUTH FROM
 TRUE NORTH
 MAP LOCATOR: STN 5800NW/5800NE AT HUNTING CAMP
 ON MAIN ROAD IMMEDIATELY BESIDE
 STIRRUP CREEK AT 1525 METER ELEV.

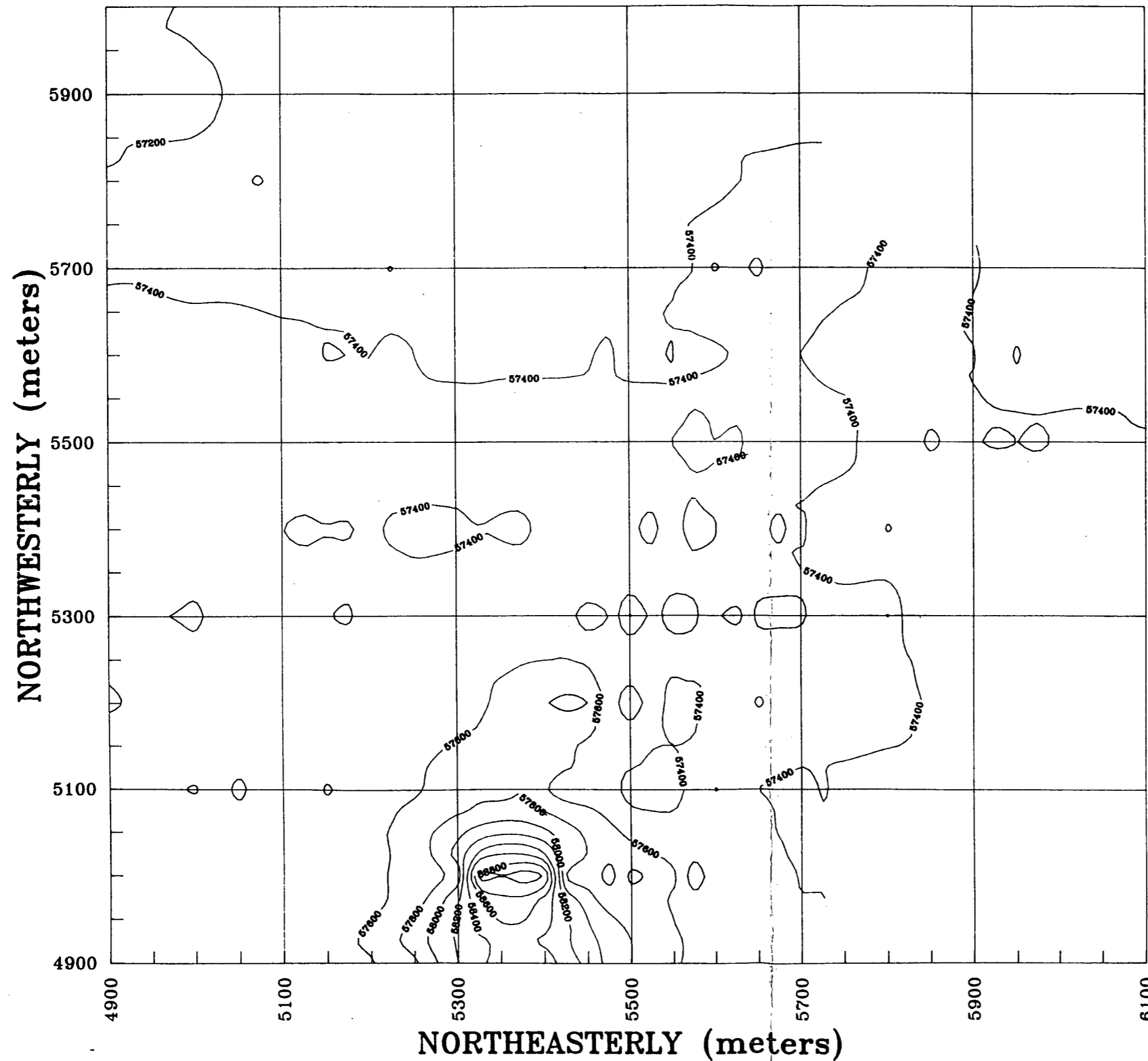


20,438

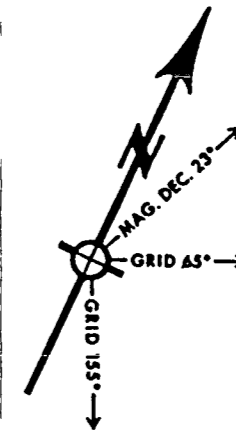
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

APPENDIX D

STIRRUP CREEK PROJECT, MAGNETIC SURVEY
CAZADOR EXPLORATIONS LIMITED, JULY 1990



NOTES:
 MAGNETICS SURVEY BY: JOHN CHAPMAN, BRETT SVEINSON
 INSTRUMENT: GEOMETRICS MODEL G816 PROTON MAG.
 FIELD MEASUREMENT: TOTAL MAG. FIELD INTENSITY
 MAP ORIENTATION: NE LINES AT 155 DEG. AZIMUTH FROM
 TRUE NORTH
 MAP LOCATOR: STN 5800NW/5600NE AT HUNTING CAMP
 ON MAIN ROAD IMMEDIATELY BESIDE
 STIRRUP CREEK AT 1525 METER ELEV.
 CONTOURS: TOTAL MAGNETIC FIELD (GAMMAS)



20,438

GEOLOGICAL BRANCH
 ASSESSMENT REPORT