

ARIS SUMMARY SHEET

District Geologist, Kamloops

Off Confidential: 89.06.20

ASSESSMENT REPORT 17569

MINING DIVISION: Vernon

PROPERTY: Radex  
LOCATION: LAT 50 26 00 LONG 119 18 00  
UTM 11 5589121 336654  
NTS 082L06W

CLAIM(S): Radex 1  
OPERATOR(S): Blyth, W.  
AUTHOR(S): Muloin, B.T.  
REPORT YEAR: 1988, 5 Pages

COMMODITIES  
SEARCHED FOR: Gold

GEOLOGICAL  
SUMMARY: The property is underlain by a series of east striking phyllites with dioritic intrusives along north striking lineaments.

WORK  
DONE: Geophysical  
MAGG 8.0 km  
Map(s) - 1; Scale(s) - 1:5000



Province of  
British Columbia

Ministry of  
Energy, Mines and  
Petroleum Resources

ASSESSMENT REPORT  
TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S) TOTAL COST  
**GEOLOGICAL, GEOPHYSICAL** **\$3200**

AUTHOR(S) **BRYAN T. MULOIN** SIGNATURE(S) *B. T. Muloin*

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED **20 June** YEAR OF WORK **88**

PROPERTY NAME(S) **RADEX**

COMMODITIES PRESENT **QUARTZ, GOLD**

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN

MINING DIVISION **VERNON** NTS **82 L 6 W**

LATITUDE **50° 26'** LONGITUDE **119° 18'**

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units), PHOENIX (Lot 1706), Mineral Lease M 123, Mining or Certified Mining Lease ML 12 (claims involved)]

OWNER(S)

(1) **WILLIAM B. BLYTH** (2)

MAILING ADDRESS

**2038-48 AVE SW  
CALGARY, ALTA.**

OPERATOR(S) (that is, Company paying for the work)

(1) **WILLIAM B. BLYTH** (2)

MAILING ADDRESS

**2038-48 AVE SW  
CALGARY, ALTA.**

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude)

**EAST WEST STRIKING PHYLLITES WITH DIORITIC  
INTRUSIVES ALONG NORTH SOUTH LINEAMENTS.**

REFERENCES TO PREVIOUS WORK

**GOLD COMMISSIONER  
RECEIVED and RECORDED  
JUN 20 1988  
M.R. \_\_\_\_\_ \$ \_\_\_\_\_  
VERNON, B.C.**

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	COST APPORTIONED
GEOLOGICAL (number of samples analysed for ...) Soil Silt Rock Other Core Non-core RELATED TECHNICAL Sampling/assaying Petrographic Mineralogic Metallurgic PROSPECTING (scale, area) PREPARATORY/PHYSICAL Log/surveys (scale, area) Topographic (scale, area) Photogrammetric (scale, area) Line/grid (kilometres) Road, local access (kilometres) Trench (metres) Underground (metres)	8 km Traverses  8 km  8 km	RADEX I SW CORNER  RADEX I SW CORNER  RADEX I SW CORNER	\$800  \$800  \$1600  \$3200

FOR MINISTRY USE ONLY	NAME OF PAC ACCOUNT	DEBIT	CREDIT	REMARKS
Value work done (from report) Value of work approved Value claimed (from statement) Value credited to PAC account Value debited to PAC account Accrued Date				RADEX I SW CORNER  RADEX I SW CORNER  RADEX I SW CORNER

RECEIVED AND RECORDED  
 GOLD CORNER  
 RECEIVED AND RECORDED  
 GOLD CORNER

LOG NO

0713

RD.

ACTIVITY

FILE NO:

RADEX 1 MINERAL CLAIM  
VERNON MINING DISTRICT  
BRITISH COLUMBIA  
N.T.S. 82 L 6W

FILMED

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**17,569**

Bryan T. Muloin B.Sc., B.Ed.  
2090-10th Ave. S.E.  
Salmon Arm  
British Columbia  
June, 1988

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MAPS:

Magnetometer Survey	in pocket
Reconnaissance Geology	in pocket

#### LOCATION:

The Radex 1 mineral claim is 4 miles west and south of the town of Armstrong. Access to this property is through private farm land and locked gates. Mr. Al Jones of Vernon kindly provided keys for entrance from the Otter Lake road.

#### ACKNOWLEDGMENT:

This study of the Radex 1 mineral claim was sponsored by William B. Blyth, B.Sc. of Coast Interior Ventures owner of this mineral lease.

#### HISTORY:

The Radex claim block encloses lot 2683 the Mount Rose Silica deposit, it is also known as the Ivan silica occurrence. This was a working mine with an open pit of about 50 by 100 meters. Its location was referenced to in the 1931 "Summary Report" of the Geological Survey, Canada Department of Mines by C.E.Cairnes.

#### GEOLOGY:

Very little rock was actually observed in place in this study. Several small outcrops of a grey phyllite occur near the western base line of the grid. Their schistosity is generally a little south of east, dipping between 55° south and vertical. This wide variation in strike and dip suggest intense deformation, also they are closely jointed. The phyllite is not seen as boulders of any size in the grid area, remarkably a medium to fine grained leucocratic intrusive rock is common as boulders to 3 meters diameter. This second rock type is possibly a diorite as it is low in quartz and composed of plagioclase and biotite. Because of the diorite boulders size and selective occurrence, they must locally intrude the phyllites.

#### GEOLOGY CONTINUED:

North south faulting has been identified associated with the gold occurrences of Shorts and Whitemans Creeks to the south. The emphasis of the present study was the identification of intrusion or alteration along this fault direction.

#### GEOPHYSICS:

A grid of 8 kilometers was established using the Legal Corner Post as point ON,OE of the 0 east baseline. East directed lines were run for 800 meters with stations along them every 20 meters. An eastern baseline was also established to tie in the ends of the 9 lines which are 50 meters apart.

A Scintrex MP2 Proton Precession magnetometer was used to read the grids 370 stations. Closure of the magnetometer survey was obtained by looping back to the eastern base line, and doubling the baseline. Diurnal drift was a total of 20 gammas, the estimated error in the survey is less than 5 gammas. The total magnetic field is 57500 gammas and is of low amplitude thruout the grid. A definite structure trends south through the center of the grid, it is possibly intrusive in origin. Its pronounced highs and lows seem obliquely terminated by a north easterly lineament. A second south trending structure of weaker expression is located near the east end of the grid.

#### RECOMMENDATIONS:

The weak geophysical responses associated with gold mineralization and their complex intrusive patterning require detailed study. A closer spaced grid should be used to detail and to follow the two identified structures.

STATEMENT OF COSTS:

This study was contracted at a rate of \$400 per kilometer covering the costs of line cutting, magnetometer and geological mapping, transportation by four wheel drive vehicle, board and lodging, rental of equipment, drafting and report preparation. The total value of the 8 kilometer study was \$3200.

BIBLIOGRAPHY:

Canada Department of Mines Summary Report for 1931, Part A;  
Mineral Resources of Northern Okanagan Valley, B.C.- C.E.Cairnes  
Revised Mineral Inventory Map 82 L/SW  
Mineral Deposit-Land Use Map 82 L, Vernon

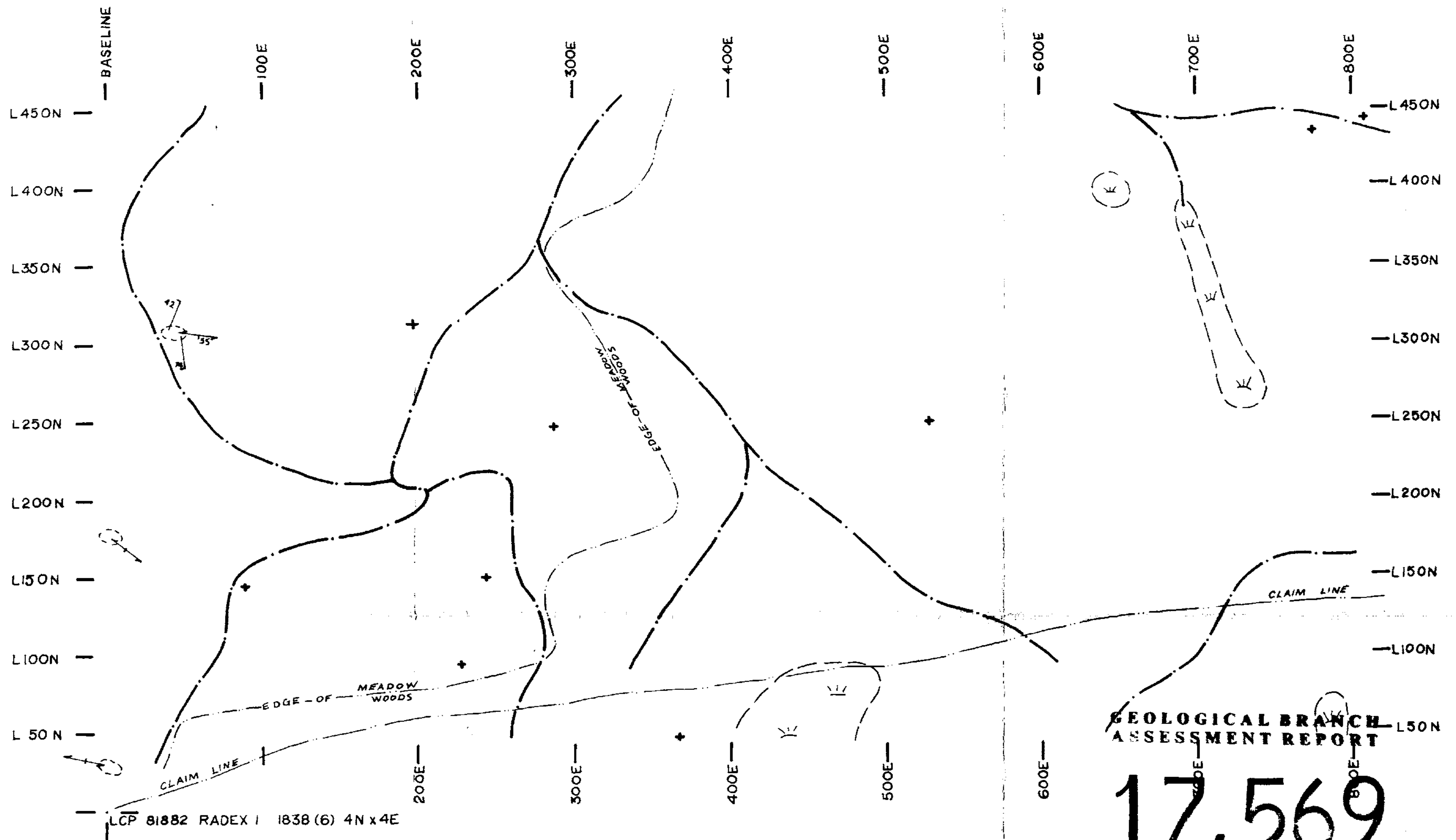
AFFIDAVIT:

I, Bryan Thomas Muloin, am a graduate of Queen's University, Kingston, Ontario, having a bachelor's degree in engineering geology from the faculty of Applied Sciences. Since graduating in 1971 I have actively practiced the profession of geologist and geophysicist.



Bryan T. Muloin, B.Sc., B.Ed.  
17 June, 1988, Salmon Arm, B.C.





LCP 81882 RADEX I 1838 (6) 4N x 4E

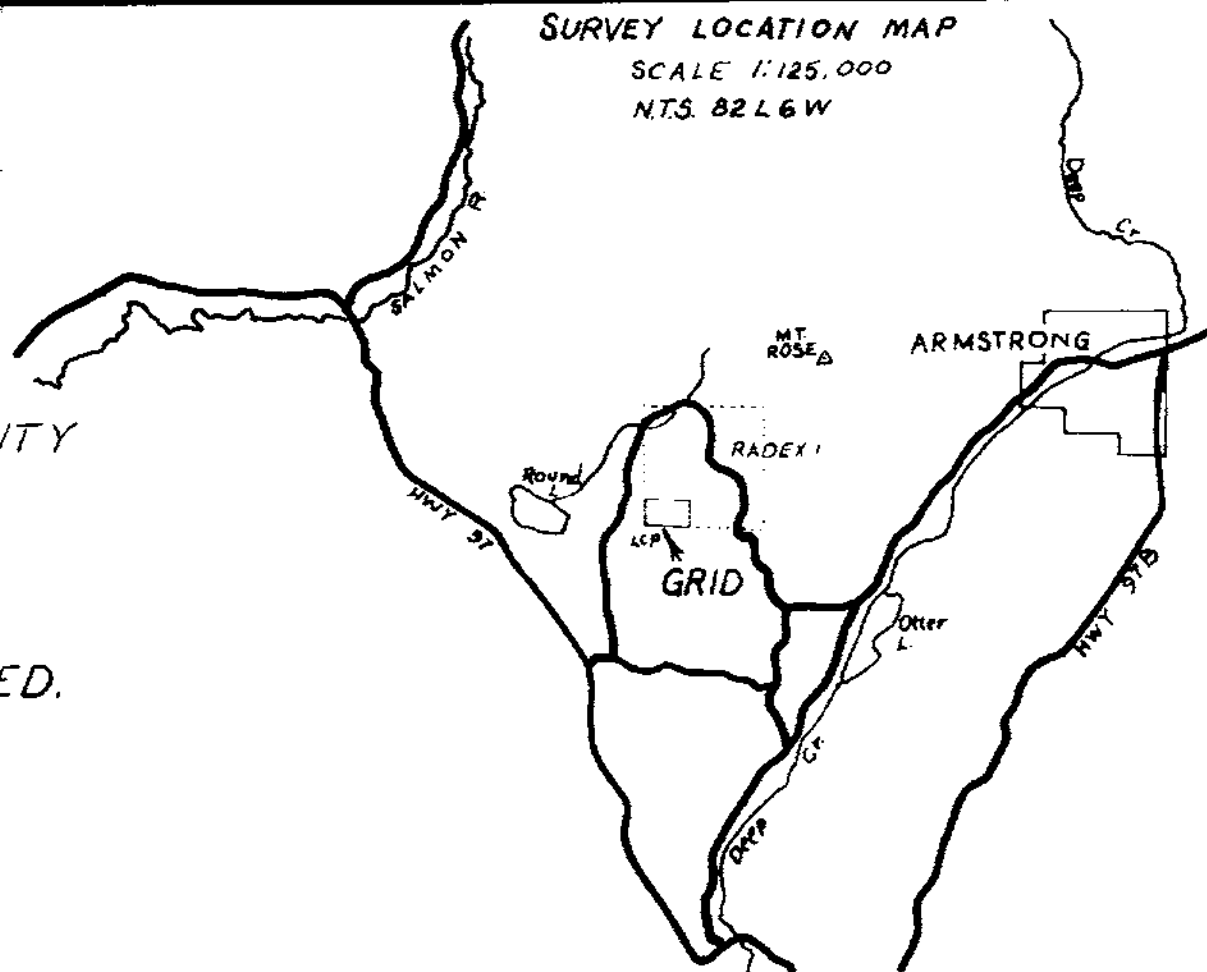
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

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**NOTE:**

THE ROCK IDENTIFIED ON THE GRID WAS OF TWO TYPES:  
 GREY PHYLLITE, SEEN IN OUTCROP NEAR THE OE BASELINE, STRONGLY JOINTED, WITH A SOUTH OF EAST SCHISTOSITY TO IT.  
 BOULDERS OF PLAGIOCLASE AND BIOTITE DIORITE, OF UP TO 3 METER DIAMETER, LIKELY LITTLE TRANSPORTED. ASSUMED TO BE INTRUSIVE TO THE PHYLLITE.

SURVEY LOCATION MAP  
SCALE 1:125,000  
NTS. 82 L 6 W



**RADEX I MINERAL CLAIM**

RECONNAISSANCE GEOLOGY:  
 BRYAN T. MULOIN B.Sc., B.Ed.

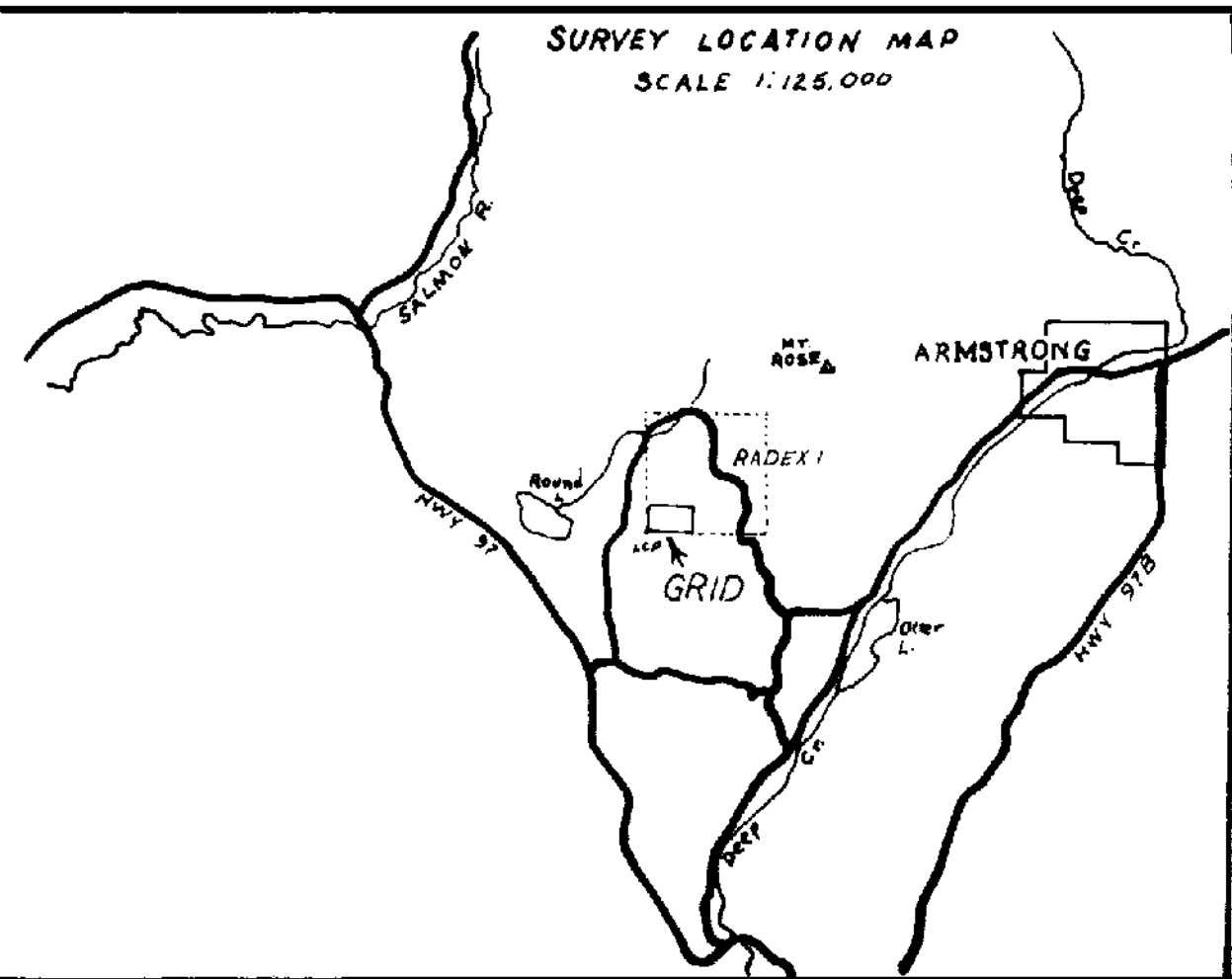
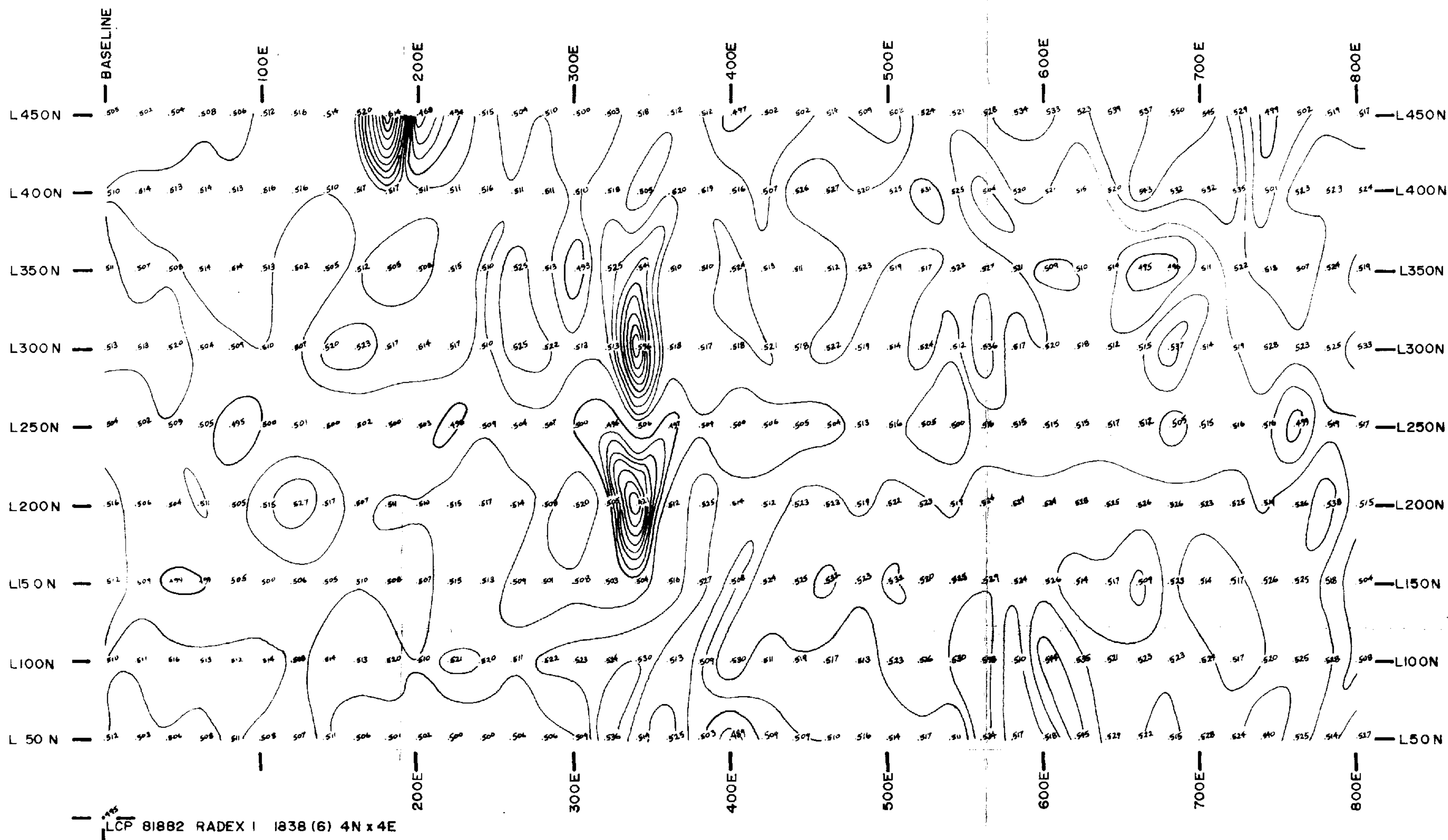
**LEGEND:**

- OUTCROP OF GREY PHYLLITE
- SCHISTOSITY
- JOINTING
- BOULDER, DIORITE
- ROAD
- SWAMP



SCALE 1: 2000

6/10/88



**RADEX I MINERAL CLAIM**  
 ASSESSMENT REPORT

NTS: 82 LGW  
 MAGNETOMETER SURVEY:  
 BRYAN T. MULON B.Sc., B.Ed.  
 SCINTREX MP2 - TOTAL FIELD  
 CONTOUR INTERVAL, 10 γ  
 GRID, 20 METER INTERVAL  
 LINES 50 METERS APART  
 SCALE: 1:2000

**17569**

