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## ILLUSTRATIONS

# REPORT ON GEOLOGICAL & GEOPHYSICAL SURVEYS
# MOLLY CLAIM GROUP
NICOLA MINING DIVISION, BRITISH COLUMBIA

## INTRODUCTION

The three claims that comprise the Molly Group – Molly, Chris and Graham – were acquired by staking during 1998. Geological and geophysical work on the claims was carried out intermittently from April to September. The present report describes the methods used and summarizes the results, in conformity with the regulations covering assessment work on claims.

## PROPERTY

The Group contains three 4-post claims, described as follows:

Molly -- Tenure #362126 – 15 units – recorded 23/04/98
Chris – Tenure #363472 – 10 units – recorded 09/06/98
Graham – Tenure #363594 – 8 units – recorded 26/06/98

The staker and the recorded owner of the Molly Group is William Richard Bergey.

The Molly Claim, and the eastern portion of the Graham Claim are located on deeded land [Lot #1759] belonging to the Quilchena Cattle Company. The remainder of the property is on Crown Land, mainly under grazing lease.

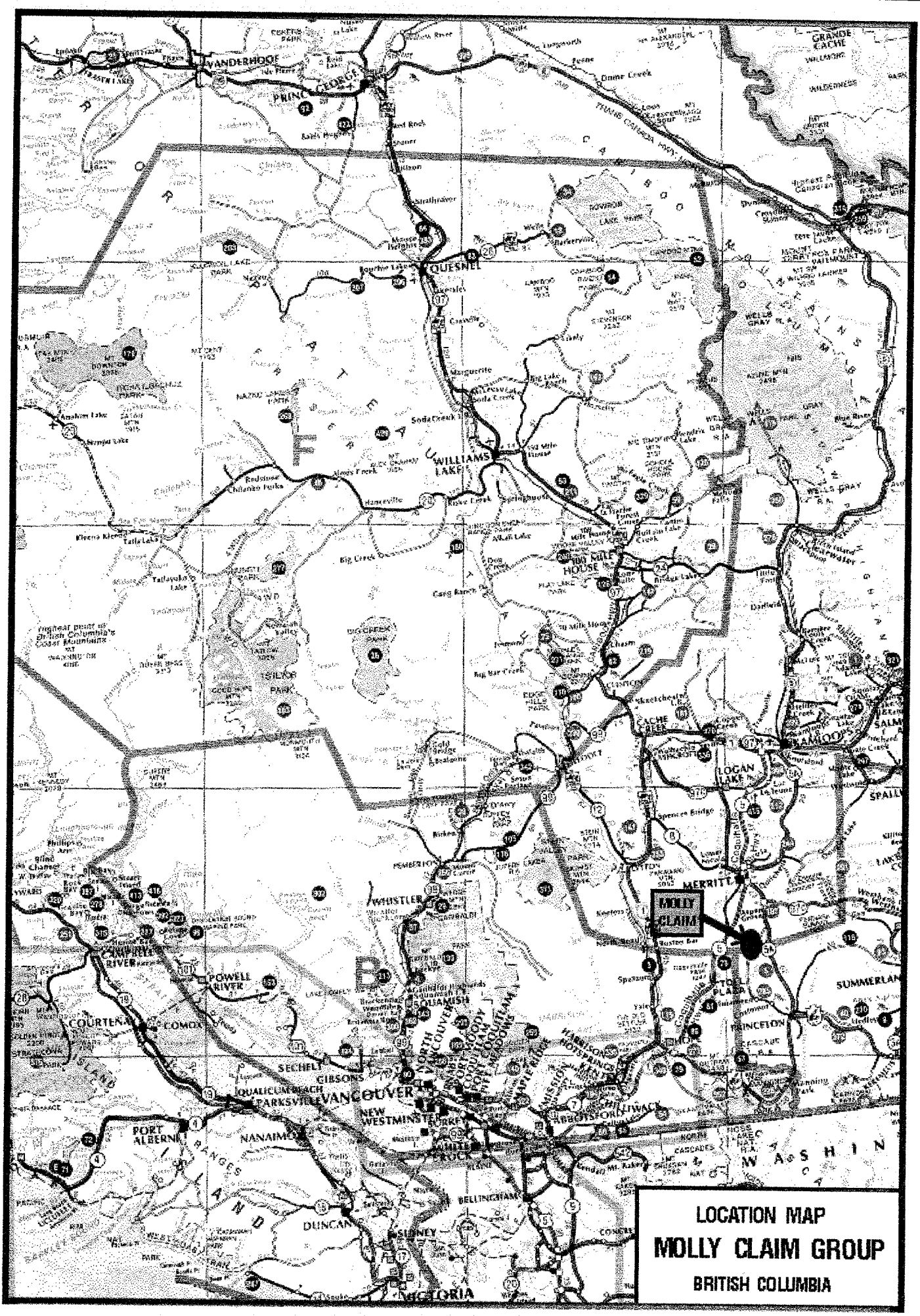
## LOCATION, ACCESS, CHARACTER OF THE REGION

The Molly Group is located in the south-central portion of the Interior Plateau of British Columbia. It lies about 30 kilometres south of the town of Merritt, and 180 kilometres east of Vancouver.

Access to the claims from Merritt is provided by Highway 5A to a road junction 6 kilometres south of Aspen Grove, thence along Highway 223 [Coalmont Road.] The south boundary is located a short distance south of the Km 6 marker on the Coalmont Road.

The central and western parts of the property lie within a broad plateau area, characterized by rounded till-draped hills and numerous ponds and small lakes. East of the road the rolling hills on the plateau decline rather abruptly toward south-flowing Otter Creek, nearly 200 metres lower in elevation. The fault-controlled creek valley is narrow and very steep-sided in most of this area.

Pasture interspersed with open forest [and vice versa], dominates the landscape.


LOCATION MAP
MOLLY CLAIM GROUP
BRITISH COLUMBIA
MOLLY CLAIM
MERRITT
VANCOUVER
VICTORIA
PRINCE GEORGE
QUESNEL
WILLIAMS LAKE
KAMLOOPS
LOGAN LAKE
100 MILE HOUSE
WHISTLER
POWELL RIVER
CAMPBELL RIVER
COURTENAY
COMOX
NANAIMO
PORT ALBERNI
DUNCAN
SIDNEY
NEW WESTMINSTER
PRINCETON
SUMMERLAND
WELLS GRAY
GRANDE CACHE

## PREVIOUS WORK

The only published geological maps covering the project area are reconnaissance in scope. The most recent of these is a 1:250,000 sheet published by the Geological Survey of Canada in 1989 (Monger,1989). This map is mainly a synthesis of older published data along with some new information from theses and localized mapping. Little actual field work evidently was carried out in the area under review. A more detailed study of the volcanic belt that underlies the Molly property was carried out by B.C. government geologists (Preto, 1979). Unfortunately their mapping terminated a short distance to the north and east of the area covered in the present report.

There are no assessment reports on file covering the geology of this or nearby properties, although geological logs for diamond drilling carried out on the Par claim group that adjoins to the south were made available to me. Magnetometer and geochemical surveys are described in an assessment report on a former claim block located a short distance north of the Graham claim (Christopher, 1982).

An aeromagnetic map published by the G.S.C. in 1973 at a scale of One Inch to One Mile (Aspen Grove Sheet, 92H/15) has proven to be useful in interpreting the regional geology in the absence of adequate geological coverage.

## REGIONAL GEOLOGY

The area is indicated to be underlain mainly by northerly-trending Nicola Group volcanic rocks of Late Triassic age. The northeastern margin of the Allison Lake granodiorite pluton (also Late Triassic) is indicated to lie within the western part of the Chris Claim. Small bodies of granitic intrusive rock, coeval in part with the volcanic rocks, are ubiquitous within the Nicola outcrop areas, although none of these bodies is large enough to be plotted at the scale of the regional mapping.

The only other regional geological feature shown on the government maps for the area covered by the present report is the northern extension of Allison Creek fault. Preto (1979) considered this fault to have been of fundamental importance during the Late Triassic in that it formed the boundary between the Central and Western volcanic facies of the Nicola Group. Monger (1989) interpreted the fault extension [his Allison fault] to be a northwest-trending structure, and his map denies the existence of a major fault along Otter Creek.

I carried out a certain amount of regional mapping to the west and northwest of the Molly property before and after its acquisition. This work tended to be at odds in two respects with Monger's interpretations in this very small part of his immense map area: 1) The eastern margin of the Allison Lake pluton lies more than a kilometre west of the Chris Claim; 2) there is good evidence to support Preto's contention of a major fault along Otter Creek that forms the boundary between the Western and Central facies of the Nicola volcanic rocks. The latter point will be covered in the discussion of the work carried out on the property.

## GEOLOGICAL MAPPING

Significant copper indications (along with minor silver and gold) were found in diamond drilling on the Par Claims in the 1960's. Although the geological logging of the core was very badly done, it is evident that the mineralization was contained within a predominantly felsic volcanic pile and a volcanogenic origin of the massive to semi-massive sulphides is strongly suggested. Accordingly, reconnaissance mapping was undertaken of the area to the north and northwest of the Par property. This work indicated that the felsic volcanic rocks continued for at least 8 kilometres to the northwest and the decision was made to stake and explore the portion of this area closest to the known copper occurrences.

Systematic mapping was undertaken only along the traverse lines utilized in the geophysical surveys. Elsewhere the traverses were less regular; however, all parts of the property were covered and the locations of the outcrops were closely controlled. The lack of geological data in large parts of the claims is not indicative of failure to traverse these areas. A total of 55 specimens was collected for sawing and microscopic examination.

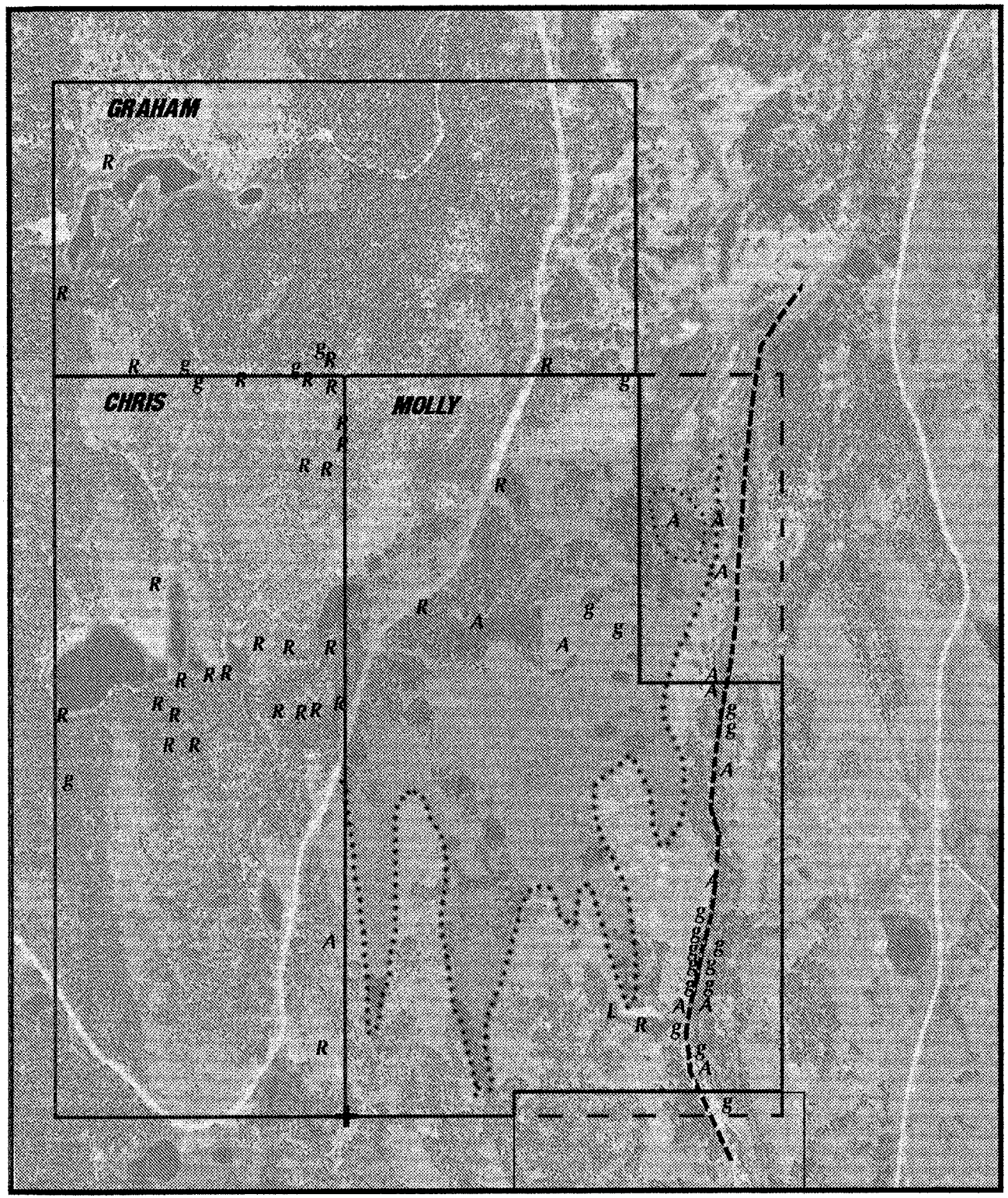
Rock exposures are scarce and very unevenly distributed within the claim block. They are most abundant along the narrow valley carved by Otter Creek. Generally the outcrops are very small.

Felsic pyroclastic rocks, predominantly lapilli tuff and tuff breccia, are by far the most abundant in outcrop. These are pale gray rocks, often containing minor amounts of quartz and invariably they are limonite stained. Chalcopyrite is commonly observed in fresh samples. The amount of quartz increases toward the north where crystal and crystal-lithic tuffs are present in significant amounts. The felsic volcanic rocks are non-magnetic.

Andesitic pyroclastic rocks were found only on the Molly Claim. These are predominantly gray-green breccias. Close to Otter Creek the andesitic rocks generally are shattered and veined with quartz, carbonate and limonite and are non-magnetic. Elsewhere they exhibit moderate to weak magnetic property, except for Specimen M-24 close to the Coalmont Road which is the most magnetic rock that we tested. The material is a breccia containing some large, black, basaltic-looking fragments.

Limestone is included in the Table of Formations on the basis of an exposure of pale gray calcareous mud in a spring. Abundant chert nodules in the small creek below the spring reinforce the interpretation.

Outcrops of granitic intrusive rock are widespread throughout the property. The exposures tend to be somewhat larger than those of volcanic rocks, but there is no suggestion that they are parts of bodies of significant size except along Otter Creek, and even there the diversity of rock types (including quartz-deficient and leucocratic varieties) suggests a number of small, dike-like intrusions. Most of the intrusive rocks are hornblende quartz diorite or granodiorite with some diorite along Otter Creek. The intrusive rocks frequently are magnetic, but may show little or no magnetic property. Unlike the andesitic rocks, the granitic rocks along Otter Creek are not highly shattered and altered and are magnetic in part.




## GEOLOGICAL MAP

# MOLLY PROPERTY

NICOLA MINING DIVISION, B.C.

*SCALE 1 : 20,000*

0 250 500 750 1000

Metres

## EXPLANATION

- Outcrop area
- ***g*** Granitic intrusive rocks
- ***A*** Andesitic volcanic rocks
- ***R*** Felsic volcanic rocks
- ***L*** Limestone
- Fault zone
- Relatively high magnetic values

*FIGURE 2*

## GEOPHYSICAL SURVEYS

The geophysical surveys were carried out along east-west lines on the Molly Claim west of Otter Creek. Because the work was entirely on private land no line cutting was attempted and the location of the stations was controlled from air photos, a situation that was facilitated by the nature of the landscape.

The geophysical work was reconnaissance in scope. The main purpose of the magnetometer survey was to assist in interpreting the bedrock geology within an area that was almost entirely overburden covered. Since the target of the exploration work was massive sulphide mineralization, the VLF-EM method was capable of detecting the deposits directly. However it was not deemed practical to survey the entire property in sufficient detail to provide adequate coverage. The main purposes of the reconnaissance EM work in this case were the location of faults and the detection of generally anomalous areas for detailed follow-up.

**Magnetometer Survey**

Measurements of the total magnetic field were made at intervals of 30 metres (closer where there were abrupt changes at adjacent stations) using an MF-2 fluxgate magnetometer, Line spacing was 200 metres, The readings were recorded relative to a 56,000 gamma datum. Diurnal changes, which were small, were corrected from repeat readings several times a day at base stations. A total of 560 readings were taken along 15.9 kilometres of line. The corrected magnetic data were plotted at a scale of 1:5000 and contours drawn at 100-gamma intervals along with geological data and specimen-location numbers (Map 3).

Magnetic relief in the area is fairly high. A magnetic "low" demarcated by negative values follows Otter Creek. A broad zone with values >100 in the central part of the claim has localized "highs" of 600 to 800gammas. The general magnetic pattern has a trend close to north-south. However this pattern is interrupted in the west-central part of the claim by a circular area of relatively low values about 500 metres in diameter.

**VLF-EM Survey**

Dip-angle VLF-EM measurements were taken using a Crone *Radem* receiver tuned to Seattle (24.8 KHz).. Six east-west lines were surveyed for a total length of 7.7 kilometres. On the three southernmost lines the station interval was 15 metres. Along the remainder of the lines measurements were taken at 30-metre intervals and estimated values were interpolated in areas of potential interest in order to facilitate the operation of the Fraser Filter. The positive filtered values are shown on Map 4 at a scale of 1:5000. All VLF-EM measurements and calculations are appended to this report.

As a rule of thumb, filtered values >25 are considered *Positive* indications of a conductor, values between 10 and 25 are *Probable* indications, and those between 7 and 10 are *Possible* indications. On this basis there is only one *Positive* indication – and this correlates with a low-voltage power line in the southwestern corner of the claim. There are a number of *Probable* indications, mainly on the three southern lines, and a few scattered *Possibles.*

## DISCUSSION OF THE RESULTS

No significant mineralization was encountered in the geological mapping, although sulphide minerals including minor amounts of chalcopyrite and/or limonite are universally present in the felsic volcanic rocks. However, the amount of exposed rock is minuscule in comparison with the size of the claim area. The work did confirm that the geological environment throughout the property – i.e. felsic volcanic rocks interbedded with andesite is substantially the same as on the Par Claims to the south where copper-bearing massive sulphides of probable volcanogenic origin were encountered in diamond drilling.

The geological and magnetometer surveys strongly supported the mapping by Preto (1979) with regard to the northern extension of Allison Creek fault [herein designated "Otter Creek fault"to distinguish it from the northwesterly extension shown by Monger (1989)]. My recent geological work indicated that the volcanic rocks along the Otter Creek valley are extensively shattered, altered, veined and mineralized. A magnetic "low" on the aeromagnetic map follows Otter Creek and this clearly is an extension of the fault extending north along Allison Creek. The ground magnetometer survey confirmed this feature and showed that it is coincident with altered and fractured volcanic rocks and that the alteration appears to have destroyed their original magnetic property.

Several other features of interest in connection with the Otter Creek fault are of at least academic interest. Granitic intrusive rocks in the southeastern part of Molly Claim appear to be preferentially aligned along the putative fault zone. Moreover they are much less altered than the adjacent andesite and appear to have retained their magnetic properties, at least in part. These suggest that the intrusion is later than the faulting. Since the intrusions appear to be coeval with volcanism in parts of the Nicola sequence, this places a rather close control on the time of the initiation of the faulting. When taken in conjunction with the nature of the volcanic rocks west of the fault – abundant felsic volcanic rocks, which are not characteristic of the Central facies but are an integral part of the Western facies – this tends to confirm that the Otter Creek fault is a Late Triassic structure that forms the boundary between the Central and Western volcanic facies of the Nicola Group.

Since the intrusive activity appears to postdate intensive fracturing along the Otter Creek fault, this zone is of potential economic interest. The volcanic rocks in the vicinity are moderately to heavily limonitic, but I am not aware of any mineralization or prospecting activity related to this structure.

The broad magnetic anomaly in the central part of the claim lies within an area that is almost entirely covered with overburden. Since the felsic volcanic rocks are indicated to be non-magnetic wherever they were tested, it follows that the high magnetic values reflect more mafic volcanic rocks and scattered granitic intrusions [or more mafic intrusive or extrusive rocks that are not exposed]. The north-south pattern suggests that the bulk of the anomaly reflects a volcanic sequence. The few outcrops within the anomaly area are difficult to correlate with the magnetic data due to the wide spacing of the lines and stations.

The economic significance of the magnetic anomaly area is inconclusive. Surface copper mineralization on the Par property to the south is associated in part with magnetite in andesitic volcanic rocks. However the best mineralization in the drill holes was found in felsic rocks close to the andesite.

The VLF-EM anomalies in the western part of the survey area appear to reflect ridge crests on thick piles of moderately conductive glacial material. The anomalies in the southeastern section are possibly due to bedrock conductors and should be followed up.

## RECOMMENDATIONS

I recommend that more detailed geophysical surveying be carried out as follow-up to the 1998 work on Molly Claim and adjacent parts of Chris Claim rather than extending the reconnaissance surveys onto the remainder of the property. However, it would be useful to define the limits of the magnetic anomaly by means of short extensions of Lines18N and 20 N to the west.

More detailed magnetic surveying is required between Lines 12N and 18N in the western part of Molly Claim. Additional VLF-EM lines should be run in this area as well.

It is recommended that additional VLF-EM lines be run in the southeastern part of Molly Claim in order to give better definition to the *Probable* indications in that area.

## REFERENCES

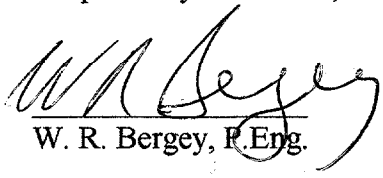

Christopher, P.A..1982: *Geophysical and Geochemical Report on the Dalrymple and Dalrymple 2 Claims, Aspen Grove, B.C.; Assessment report No. 10,497*

Geol. Surv., Canada: *Aspen Grove , British Columbia*; Geophysical Series (Aeromagnetic), Map 8532G

Monger, J.W.H., 1989: *Hope, British Columbia;* Geol. Surv., Canada, Map 41-1989

Preto, V.A., 1979: *Geology of the Nicola Group Between Merritt and Princeton*; B.C. Ministry of Energy, Mines and Pet. Resources, Bull.69


Respectfully submitted,



W. R. Bergey, P.Eng.

## STATEMENT OF QUALIFICATIONS

I, William Richard Bergey of 25789 - 8th Avenue, Aldergrove, British Columbia do hereby certify that:

1. I am a Professional Engineer in the Province of British Columbia (Geological).

2. I have been employed in mining and mineral exploration for the past 52 years.

3. I have directed numerous exploration programs employing the same techniques as those described in "Report on Geological & Geophysical Surveys – Molly Claim Group".

4. I personally conducted all of the work on the Molly Claim Group during 1998.

W. R. Bergey, P.Eng.

## STATEMENT OF COSTS

| Type of Work | Dates | Days | Cost/day | Cost |
|---|---|---|---|---|
| Geological mapping | 30/4 - 2/5 | 2.5 | $400 | $1000 |
| | 8/7 - 11/7 | 3 | | 1200 |
| | 3/11 -5/11 | 2.5 | | 1000 |
| VLF-EM survey | 10/8 - 12/8 | 2,5 | | 1000 |
| Magnetometer survey | 15/9 - 18/9 | 3.5 | | 1400 |
| Map & report preparation | | 5 | | 2000 |
| | | | Sub-total | $7600 |
| Instrument rentals | | | | $ 585 |
| Accommodation | | | | 555 |
| Vehicle expenses | | | | 500 |
| | | | TOTAL COST | $9240 |

## MAGNETOMETER SURVEY
## MOLLY CLAIMS

| Station | Reading | Adjustment | Diurnal | Gammas | Notes |
|---|---|---|---|---|---|
| | | | | | September 15, 1998 |
| **Southeast along ravine from corral** | | | | | Main Base = 320 |
| 30 SE | 160 | 210 | 0 | 210 | |
| 60 | 100 | 150 | | 150 | |
| 75 | 160 | 210 | | 210 | |
| 90 | 100 | 150 | | 150 | |
| 105 | 110 | 160 | | 160 | |
| 120 | 100 | 150 | | 150 | |
| 135 | 150 | 200 | | 200 | |
| 150 | 210 | 260 | | 260 | |
| 165 | 420 | 470 | | 470 | |
| 180 | 510 | 560 | | 560 | |
| 195 | 520 | 570 | | 570 | |
| 210 SE | 590 | 640 | | 640 | |
| **Line 14 + 00 N** | | | | | East from 210 SE |
| 30E | 350 | 400 | | 400 | |
| 45 | 280 | 330 | | 330 | |
| 60 | 160 | 210 | | 210 | |
| 90 | 300 | 350 | | 350 | |
| 120 | 390 | 440 | | 440 | |
| 150 | 290 | 340 | | 340 | |
| 180 | 360 | 410 | | 410 | |
| 210 | 310 | 360 | | 360 | |
| 240 | 300 | 350 | | 350 | |
| 270 | 310 | 360 | | 360 | |
| 300 | 370 | 420 | | 420 | |
| 330 | 590 | 640 | | 640 | |
| 360 | 600 | 650 | | 650 | |
| 390 | 560 | 610 | | 610 | |
| 420 | 610 | 660 | | 660 | |
| 450 | 690 | 740 | | 740 | |
| 480 | 740 | 790 | | 790 | |
| 510 | 660 | 710 | | 710 | |
| 540 | 450 | 500 | | 500 | |
| 570 | 480 | 530 | | 530 | |
| 600 | 380 | 430 | | 430 | |
| 630 | 500 | 550 | | 550 | |
| 660 | 450 | 500 | | 500 | |
| 690 | 330 | 380 | | 380 | |
| 720 | 270 | 320 | | 320 | |
| 750 | 580 | 630 | | 630 | |
| 780 | 270 | 320 | | 320 | |
| 810 | 240 | 290 | | 290 | |
| 840 | 540 | 590 | | 590 | |
| 870 | 300 | 350 | | 350 | |
| 885 | 160 | 210 | | 210 | |
| 900 | 30 | 80 | | 80 | |
| 915 | 40 | 90 | | 90 | |
| 930 | 50 | 100 | | 100 | |
| 960 | 30 | 80 | | 80 | |
| 990 | -80 | -30 | | -30 | |
| 1020 | -100 | -50 | | -50 | |
| 1050 | -50 | 0 | | 0 | |
| 1065 E | -20 | 30 | | 30 | Edge of pond [M16] |

| Station | Reading | Adjustment | Diurnal | Gammas | Notes |
|---|---|---|---|---|---|
| **North along west side of Otter Creek** | | | | | |
| 30N | 0 | 50 | | 50 | andesite o/c -- rusty, frac'd |
| 60 | -40 | 10 | | 10 | |
| 90 | -20 | 30 | | 30 | |
| 120 | -10 | 40 | | 40 | |
| 150 | 260 | 310 | | 310 | |
| 180N | 190 | 240 | | 240 | |
| | | | | | |
| **Line 16 + 00 N** | | | | | Going west from pond |
| 30 W | 20 | 70 | | 70 | |
| 60 | 20 | 70 | | 70 | |
| 90 | -10 | 40 | | 40 | sand |
| 120 | 80 | 130 | | 130 | gravel |
| 150 | 100 | 150 | | 150 | |
| 180 | 60 | 110 | | 110 | |
| 210 | 50 | 100 | | 100 | |
| 240 | 30 | 80 | | 80 | |
| 270 | 230 | 280 | | 280 | |
| 300 | 380 | 430 | | 430 | diorite o/c 50 m. N |
| 330 | 180 | 230 | | 230 | |
| 360 | 200 | 250 | | 250 | |
| 390 | 130 | 180 | | 180 | |
| 420 | 10 | 60 | | 60 | |
| 450 | 50 | 100 | | 100 | |
| 480 | 100 | 150 | | 150 | |
| 510 | 140 | 190 | | 190 | |
| 540 | 170 | 220 | | 220 | |
| 570 | 240 | 290 | | 290 | |
| 600 | 300 | 350 | | 350 | |
| 630 | 200 | 250 | | 250 | |
| 660 | 660 | 710 | | 710 | |
| 690 | 150 | 200 | | 200 | |
| 720 | 90 | 140 | | 140 | |
| 750 | 110 | 160 | | 160 | |
| 780 | 140 | 190 | | 190 | |
| 810 | 90 | 140 | | 140 | |
| 840 | 50 | 100 | | 100 | |
| 870 | 180 | 230 | | 230 | |
| 900 | 120 | 170 | | 170 | |
| 930 | 150 | 200 | | 200 | |
| 960 | 110 | 160 | | 160 | |
| 990 | 200 | 250 | | 250 | |
| 1020 | 40 | 90 | | 90 | |
| 1060W | 220 | 270 | | 270 | Road @ 1060 |
| | | | | | Main Base = 320 |

| Station | Reading | Adjustment | Diurnal | Gammas | Notes |
|---|---|---|---|---|---|
| | | | | | September 16 |
| **Line 12 + 00 N** | | | | | Main Base = 390 |
| 0+00 | 100 | 150 | -70 | 80 | East from road |
| 30 E | 160 | 210 | -70 | 140 | |
| 60 | 220 | 270 | -70 | 200 | |
| 90 | 170 | 220 | -70 | 150 | |
| 120 | 300 | 350 | -70 | 280 | |
| 150 | 450 | 500 | -70 | 430 | |
| 180 | 510 | 560 | -70 | 490 | |
| 210 | 460 | 510 | -70 | 440 | |
| 240 | 510 | 560 | -70 | 490 | |
| 270 | 570 | 620 | -70 | 550 | |
| 300 | 450 | 500 | -70 | 430 | |
| 330 | 460 | 510 | -70 | 440 | |
| 360 | 330 | 380 | -70 | 310 | |
| 390 | 430 | 480 | -70 | 410 | |
| 420 | 270 | 320 | -70 | 250 | |
| 450 | 200 | 250 | -70 | 180 | |
| 480 | 370 | 420 | -70 | 350 | |
| 510 | 550 | 600 | -70 | 530 | |
| 540 | 540 | 590 | -70 | 520 | |
| 570 | 450 | 500 | -70 | 430 | |
| 600 | 500 | 550 | -70 | 480 | |
| 630 | 510 | 560 | -70 | 490 | |
| 660 | 360 | 410 | -70 | 340 | |
| 690 | 390 | 440 | -70 | 370 | |
| 720 | 380 | 430 | -70 | 360 | |
| 750 | 440 | 490 | -70 | 420 | |
| 780 | 490 | 540 | -70 | 470 | |
| 810 | 600 | 650 | -70 | 580 | |
| 840 | 290 | 340 | -70 | 270 | |
| 870 | 420 | 470 | -70 | 400 | |
| 900 | 300 | 350 | -70 | 280 | |
| 930 | 160 | 210 | -70 | 140 | |
| 960 | 470 | 520 | -70 | 450 | |
| 990 | 210 | 260 | -70 | 190 | |
| 1020 | 100 | 150 | -70 | 80 | |
| 1050 | 140 | 190 | -70 | 120 | |
| 1080 | 380 | 430 | -70 | 360 | |
| 1095 | 240 | 290 | -70 | 220 | |
| 1110 | 150 | 200 | -70 | 130 | |
| 1140 | 150 | 200 | -70 | 130 | |
| 1170 | 150 | 200 | -70 | 130 | |
| 1200 | 10 | 60 | -70 | -10 | |
| 1230 | 30 | 80 | -70 | 10 | |
| 1260 | 10 | 60 | -70 | -10 | |
| 1290 E | -20 | 30 | -70 | -40 | Edge of pond |
| | | | | | |
| **South along west side of Otter Creek** | | | | | |
| 30 S | 20 | 70 | -60 | 10 | |
| 60 | 0 | 50 | -60 | -10 | |
| 90 | -50 | 0 | -60 | -60 | |
| 120 | 10 | 60 | -60 | 0 | |
| 150 | 40 | 90 | -60 | 30 | |
| 180 | 10 | 60 | -60 | 0 | |
| 200 S | -10 | 40 | -60 | -20 | |

| Station | Reading | Adjustment | Diurnal | Gammas | Notes |
|---|---|---|---|---|---|
| **Line 10 + 00 N** | | | | | |
| 30 W | 100 | 150 | -50 | 100 | West from 200S at Otter Creek |
| 60 | 70 | 120 | -50 | 70 | |
| 90 | 90 | 140 | -50 | 90 | |
| 120 | 100 | 150 | -50 | 100 | |
| 150 | 170 | 220 | -50 | 170 | |
| 180 | 100 | 150 | -50 | 100 | |
| 210 | 30 | 80 | -50 | 30 | |
| 240 | 110 | 160 | -50 | 110 | |
| 270 | 50 | 100 | -50 | 50 | |
| 300 | 40 | 90 | -50 | 40 | |
| 330 | 20 | 70 | -50 | 20 | |
| 360 | 70 | 120 | -50 | 70 | |
| 390 | 30 | 80 | -50 | 30 | |
| 420 | 140 | 190 | -50 | 140 | sand |
| 450 | 150 | 200 | -50 | 150 | |
| 480 | 200 | 250 | -50 | 200 | |
| 510 | 260 | 310 | -50 | 260 | |
| 540 | 350 | 400 | -50 | 350 | |
| 570 | 410 | 460 | -50 | 410 | |
| 500 | 360 | 410 | -50 | 360 | |
| 630 | 510 | 560 | -50 | 510 | |
| 660 | 670 | 720 | -50 | 670 | |
| 690 | 610 | 660 | -50 | 610 | |
| 720 | 350 | 400 | -50 | 350 | |
| 750 | 110 | 160 | -50 | 110 | |
| 780 | 300 | 350 | -50 | 300 | |
| 810 | 370 | 420 | -50 | 370 | |
| 840 | 490 | 540 | -50 | 490 | |
| 870 | 470 | 520 | -50 | 470 | |
| 900 | 550 | 600 | -50 | 550 | |
| 930 | 420 | 470 | -50 | 420 | |
| 960 | 410 | 460 | -50 | 410 | |
| 990 | 360 | 410 | -50 | 360 | |
| 1020 | 300 | 350 | -50 | 300 | |
| 1050 | 240 | 290 | -50 | 240 | |
| 1080 | 220 | 270 | -50 | 220 | |
| 1110 | 200 | 250 | -50 | 200 | |
| 1140 | 230 | 280 | -50 | 230 | |
| 1170 | 220 | 270 | -50 | 220 | |
| 1200 | 180 | 230 | -50 | 180 | |
| 1230 | 190 | 240 | -50 | 190 | |
| 1245W | 260 | 310 | -50 | 260 | Claim Line |

| Station | Reading | Adjustment | Diurnal | Gammas | Notes |
|---|---|---|---|---|---|
| **North along claim boundary** | | | | | |
| 30N | 100 | 150 | -40 | 110 | |
| 60 | 120 | 170 | -40 | 130 | |
| 90 | 150 | 200 | -40 | 160 | |
| 120 | 190 | 240 | -40 | 200 | |
| 150 | 220 | 270 | -40 | 230 | |
| 180 | 250 | 300 | -40 | 260 | |
| 210 | 320 | 370 | -40 | 330 | |
| 240 | 360 | 410 | -40 | 370 | |
| 270 | 430 | 480 | -40 | 440 | |
| 300 | 340 | 390 | -40 | 350 | |
| 330 | 180 | 230 | -40 | 190 | |
| 360 | 270 | 320 | -40 | 280 | |
| 390 | 420 | 470 | -40 | 430 | |
| 420 | 580 | 630 | -40 | 590 | |
| 450 | 490 | 540 | -40 | 500 | |
| 465 | 640 | 690 | -40 | 650 | |
| 480 | 820 | 870 | -40 | 830 | |
| 495 | 610 | 660 | -40 | 620 | |
| 510 | 400 | 450 | -40 | 410 | |
| 525 | 480 | 530 | -40 | 490 | |
| 540 | 690 | 740 | -40 | 700 | |
| 570 | 510 | 560 | -40 | 520 | Main base = 360 |
| 600 | 570 | 620 | -40 | 580 | |
| 630 | 530 | 580 | -40 | 540 | |
| 660 | 480 | 530 | -40 | 490 | |
| 690 | 630 | 680 | -40 | 640 | |
| 705 | 190 | 240 | -40 | 200 | |
| 720 | 270 | 320 | -40 | 280 | |
| 735 | 280 | 330 | -40 | 290 | |
| 750 | 360 | 410 | -40 | 370 | |
| 780 N | 260 | 310 | -40 | 270 | |
| **Line 18 + 00N** | | | | | East from west boundary |
| 30 E | 210 | 260 | -40 | 220 | |
| 60 | 160 | 210 | -40 | 170 | |
| 90 | 290 | 340 | -40 | 300 | |
| 120 | 270 | 320 | -40 | 280 | |
| 150 | 290 | 340 | -40 | 300 | |
| 180 | 290 | 340 | -40 | 300 | |
| 210 | 460 | 510 | -40 | 470 | |
| 240 | 240 | 290 | -40 | 250 | |
| 270 | 310 | 360 | -40 | 320 | |
| 300 | 230 | 280 | -40 | 240 | |
| 330 E | 190 | 240 | -40 | 200 | Road |
| **South along road** | | | | | |
| 30S | 200 | 250 | -40 | 210 | |
| 60 | 300 | 350 | -40 | 310 | |
| 90 | 320 | 370 | -40 | 330 | |
| 120 | 260 | 310 | -40 | 270 | |
| 150 | 310 | 360 | -40 | 320 | |
| 180 | 200 | 250 | -40 | 210 | |
| 210 | 210 | 260 | -40 | 220 | |
| 240 | 230 | 280 | -40 | 240 | |
| 270 | 270 | 320 | -40 | 280 | |
| 300 | 280 | 330 | -40 | 290 | |
| 330 | 240 | 290 | -40 | 250 | |
| 360 | 200 | 250 | -40 | 210 | |
| 390 S | 150 | 200 | -40 | 160 | Main Base = 360 |

| Station | Reading | Adjustment | Diurnal | Gammas | Notes |
|---|---|---|---|---|---|
| | | | | | September 17 |
| **Line 6 + 00N** | [Start at road] | | | | Main Base = 380 |
| 0+00 | 50 | 100 | -60 | 40 | Base 2 = 60 |
| 30E | 50 | 100 | -60 | 40 | |
| 60 | 10 | 60 | -60 | 0 | |
| 90 | 70 | 120 | -60 | 60 | |
| 120 | 30 | 80 | -60 | 20 | |
| 150 | -10 | 40 | -60 | -20 | |
| 180 | 50 | 100 | -60 | 40 | |
| 210 | 130 | 180 | -60 | 120 | |
| 240 | 40 | 90 | -60 | 30 | |
| 270 | 240 | 290 | -60 | 230 | |
| 300 | 140 | 190 | -60 | 130 | |
| 330 | 120 | 170 | -60 | 110 | |
| 360 | 100 | 150 | -60 | 90 | |
| 390 | 80 | 130 | -60 | 70 | |
| 420 | 90 | 140 | -60 | 80 | |
| 450 | 40 | 90 | -60 | 30 | |
| 480 | 10 | 60 | -60 | 0 | |
| 510 | 20 | 70 | -60 | 10 | |
| 540 | 30 | 80 | -60 | 20 | |
| 570 | 150 | 200 | -60 | 140 | |
| 600 | 160 | 210 | -60 | 150 | |
| 630 | 200 | 250 | -60 | 190 | |
| 660 | 230 | 280 | -60 | 220 | |
| 690 | 280 | 330 | -60 | 270 | |
| 720 | 200 | 250 | -60 | 190 | |
| 750 | 200 | 250 | -60 | 190 | |
| 780 | 70 | 120 | -60 | 60 | |
| 810 | 100 | 150 | -60 | 90 | |
| 840 | 80 | 130 | -60 | 70 | |
| 870 | 60 | 110 | -60 | 50 | |
| 900 | 20 | 70 | -60 | 10 | |
| 930 | -20 | 30 | -60 | -30 | |
| 960 | 30 | 80 | -60 | 20 | |
| 990 | 0 | 50 | -60 | -10 | |
| 1020 | -20 | 30 | -60 | -30 | |
| 1050 | 120 | 170 | -60 | 110 | |
| 1080 | 20 | 70 | -60 | 10 | |
| 1110 | -40 | 10 | -60 | -50 | |
| 1140 | 240 | 290 | -60 | 230 | |
| 1170 | 420 | 470 | -60 | 410 | |
| 1200 | 160 | 210 | -60 | 150 | sand |
| 1230 | -50 | 0 | -60 | -60 | |
| 1260 | 220 | 270 | -60 | 210 | |
| 1290 | 470 | 520 | -60 | 460 | |
| 1320 | 50 | 100 | -60 | 40 | |
| 1350 | 60 | 110 | -60 | 50 | |
| 1380 | -10 | 40 | -60 | -20 | |
| 1410 | -30 | 20 | -60 | -40 | |
| 1425 | 0 | 50 | -60 | -10 | |
| 1440 | 460 | 510 | -60 | 450 | diorite o/c [M-17] |
| 1450E | 10 | 60 | -60 | 0 | pond |
| **North along Otter Creek** | | | | | |
| 30N | -20 | 30 | -60 | -30 | |
| 60 | -10 | 40 | -60 | -20 | diorite o/c |
| 90 | 50 | 100 | -60 | 40 | |
| 120 | 20 | 70 | -60 | 10 | |
| 150 | -50 | 0 | -60 | -60 | |

| Station | Reading | Adjustment | Diurnal | Gammas | Notes |
|---|---|---|---|---|---|
| **Line 6 + 00N** | [Start at road] | | | | Main Base = 380 |
| 0+00 | 50 | 100 | -60 | 40 | Base 2 = 60 |
| 30E | 50 | 100 | -60 | 40 | |
| 60 | 10 | 60 | -60 | 0 | |
| 90 | 70 | 120 | -60 | 60 | |
| 120 | 30 | 80 | -60 | 20 | |
| 150 | -10 | 40 | -60 | -20 | |
| 180 | 50 | 100 | -60 | 40 | |
| 210 | 130 | 180 | -60 | 120 | |
| 240 | 40 | 90 | -60 | 30 | |
| 270 | 240 | 290 | -60 | 230 | |
| 300 | 140 | 190 | -60 | 130 | |
| 330 | 120 | 170 | -60 | 110 | |
| 360 | 100 | 150 | -60 | 90 | |
| 390 | 80 | 130 | -60 | 70 | |
| 420 | 90 | 140 | -60 | 80 | |
| 450 | 40 | 90 | -60 | 30 | |
| 480 | 10 | 60 | -60 | 0 | |
| 510 | 20 | 70 | -60 | 10 | |
| 540 | 30 | 80 | -60 | 20 | |
| 570 | 150 | 200 | -60 | 140 | |
| 600 | 160 | 210 | -60 | 150 | |
| 630 | 200 | 250 | -60 | 190 | |
| 660 | 230 | 280 | -60 | 220 | |
| 690 | 280 | 330 | -60 | 270 | |
| 720 | 200 | 250 | -60 | 190 | |
| 750 | 200 | 250 | -60 | 190 | |
| 780 | 70 | 120 | -60 | 60 | |
| 810 | 100 | 150 | -60 | 90 | |
| 840 | 80 | 130 | -60 | 70 | |
| 870 | 60 | 110 | -60 | 50 | |
| 900 | 20 | 70 | -60 | 10 | |
| 930 | -20 | 30 | -60 | -30 | |
| 960 | 30 | 80 | -60 | 20 | |
| 990 | 0 | 50 | -60 | -10 | |
| 1020 | -20 | 30 | -60 | -30 | |
| 1050 | 120 | 170 | -60 | 110 | |
| 1080 | 20 | 70 | -60 | 10 | |
| 1110 | -40 | 10 | -60 | -50 | |
| 1140 | 240 | 290 | -60 | 230 | |
| 1170 | 420 | 470 | -60 | 410 | |
| 1200 | 160 | 210 | -60 | 150 | sand |
| 1230 | -50 | 0 | -60 | -60 | |
| 1260 | 220 | 270 | -60 | 210 | |
| 1290 | 470 | 520 | -60 | 460 | |
| 1320 | 50 | 100 | -60 | 40 | |
| 1350 | 60 | 110 | -60 | 50 | |
| 1380 | -10 | 40 | -60 | -20 | |
| 1410 | -30 | 20 | -60 | -40 | |
| 1425 | 0 | 50 | -60 | -10 | |
| 1440 | 460 | 510 | -60 | 450 | diorite o/c [M-17] |
| 1450E | 10 | 60 | -60 | 0 | pond |
| **North along Otter Creek** | | | | | |
| 30N | -20 | 30 | -60 | -30 | |
| 60 | -10 | 40 | -60 | -20 | diorite o/c |
| 90 | 50 | 100 | -60 | 40 | |
| 120 | 20 | 70 | -60 | 10 | |
| 150 | -50 | 0 | -60 | -60 | |
| 180N | -40 | 10 | -60 | -50 | |

| Station | Reading | Adjustment | Diurnal | Gammas | Notes |
|---|---|---|---|---|---|
| **Line 8+ 00N** | | | | | Going west from pond |
| 0 + 00 | -80 | -30 | -60 | -90 | |
| 15W | -100 | -50 | -60 | -110 | |
| 30 | -140 | -90 | -60 | -150 | |
| 60 | -80 | -30 | -60 | -90 | |
| 90 | -40 | 10 | -60 | -50 | |
| 105 | 390 | 440 | -60 | 380 | |
| 120 | 460 | 510 | -60 | 450 | |
| 135 | 470 | 520 | -60 | 460 | |
| 150 | 30 | 80 | -60 | 20 | |
| 180 | -80 | -30 | -60 | -90 | |
| 210 | -10 | 40 | -60 | -20 | sand hills |
| 240 | 20 | 70 | -60 | 10 | I |
| 270 | 50 | 100 | -60 | 40 | I |
| 300 | 60 | 110 | -60 | 50 | I |
| 330 | 70 | 120 | -60 | 60 | I |
| 360 | 60 | 110 | -60 | 50 | I |
| 390 | 150 | 200 | -60 | 140 | I |
| 420 | 430 | 480 | -60 | 420 | I |
| 450 | 610 | 660 | -60 | 600 | sand hills |
| 480 | 190 | 240 | -60 | 180 | gravel |
| 510 | 780 | 830 | -60 | 770 | I |
| 540 | 280 | 330 | -60 | 270 | I |
| 570 | 220 | 270 | -60 | 210 | I |
| 600 | 280 | 330 | -60 | 270 | I |
| 630 | 300 | 350 | -60 | 290 | gravel |
| 660 | 360 | 410 | -60 | 350 | esker ? |
| 690 | 500 | 550 | -60 | 490 | |
| 720 | 170 | 220 | -60 | 160 | |
| 750 | 160 | 210 | -60 | 150 | |
| 780 | 200 | 250 | -60 | 190 | |
| 810 | 280 | 330 | -60 | 270 | |
| 840 | 220 | 270 | -60 | 210 | |
| 870 | 40 | 90 | -60 | 30 | |
| 900 | -80 | -30 | -60 | -90 | |
| 930 | 170 | 220 | -60 | 160 | |
| 960 | -10 | 40 | -60 | -20 | |
| 990 | 80 | 130 | -60 | 70 | |
| 1020 | 90 | 140 | -60 | 80 | |
| 1050 | 60 | 110 | -60 | 50 | |
| 1080 | 80 | 130 | -60 | 70 | |
| 1110 | 10 | 60 | -60 | 0 | |
| 1140 | 20 | 70 | -60 | 10 | |
| 1170 | 140 | 190 | -60 | 130 | |
| 1200 | 130 | 180 | -60 | 120 | |
| 1230 | 170 | 220 | -60 | 160 | |
| 1260 | 220 | 270 | -60 | 210 | |
| 1290 | 150 | 200 | -60 | 140 | |
| 1320 | 90 | 140 | -60 | 80 | |
| 1350 | 90 | 140 | -60 | 80 | |
| 1380 | 80 | 130 | -60 | 70 | |
| 1410 | 50 | 100 | -60 | 40 | |
| 1440 | 120 | 170 | -60 | 110 | |
| 1470 | 50 | 100 | -60 | 40 | |
| 1500W | 60 | 110 | -60 | 50 | Road |

| Station | Reading | Adjustment | Diurnal | Gammas | Notes |
|---|---|---|---|---|---|
| **Going south along road** | | | | | |
| 30S | 80 | 130 | -60 | 70 | |
| 60 | 40 | 90 | -60 | 30 | |
| 90 | 40 | 90 | -60 | 30 | |
| 120 | 40 | 90 | -60 | 30 | |
| 150 | 20 | 70 | -60 | 10 | |
| 180 | 40 | 90 | -60 | 30 | |
| 210 | 50 | 100 | -60 | 40 | |
| 240 | 20 | 70 | -60 | 10 | |
| 270S | 30 | 80 | -60 | 20 | Ranch road @ 280S |
| | | | | | Base 2 = 60 |
| **South along ranch road** | | | | | Base 2 = 50 |
| 0 + 00 | 50 | 100 | -50 | 50 | |
| 30S | 20 | 70 | -50 | 20 | |
| 60 | 40 | 90 | -50 | 40 | |
| 90 | 60 | 110 | -50 | 60 | |
| 120 | 60 | 110 | -50 | 60 | |
| 150S | 80 | 130 | -50 | 80 | |
| **Line 4 + 00N** | | | | | East from ranch road |
| 30E | 120 | 170 | -40 | 130 | |
| 60 | 40 | 90 | -40 | 50 | |
| 90 | 0 | 50 | -40 | 10 | |
| 120 | -10 | 40 | -40 | 0 | |
| 150 | 0 | 50 | -40 | 10 | |
| 180 | -10 | 40 | -40 | 0 | |
| 210 | 30 | 80 | -40 | 40 | |
| 240 | 160 | 210 | -40 | 170 | |
| 270 | 110 | 160 | -40 | 120 | |
| 300 | 40 | 90 | -40 | 50 | |
| 330 | 40 | 90 | -40 | 50 | |
| 360 | 20 | 70 | -40 | 30 | |
| 390 | 80 | 130 | -40 | 90 | |
| 420 | 190 | 240 | -40 | 200 | |
| 450 | 160 | 210 | -40 | 170 | |
| 480 | 190 | 240 | -40 | 200 | |
| 510 | 50 | 100 | -40 | 60 | |
| 540 | 160 | 210 | -40 | 170 | |
| 570 | 200 | 250 | -40 | 210 | |
| 600 | 100 | 150 | -40 | 110 | |
| 630 | 70 | 120 | -40 | 80 | |
| 660 | 80 | 130 | -40 | 90 | |
| 690 | 20 | 70 | -40 | 30 | |
| 720 | 140 | 190 | -40 | 150 | |
| 750 | 0 | 50 | -40 | 10 | |
| 780 | 300 | 350 | -40 | 310 | |
| 810 | -10 | 40 | -40 | 0 | |
| 840 | 20 | 70 | -40 | 30 | |
| 870 | 40 | 90 | -40 | 50 | |
| 900 | 90 | 140 | -40 | 100 | |
| 930 | 20 | 70 | -40 | 30 | |
| 960 | 140 | 190 | -40 | 150 | |
| 990 | -60 | -10 | -40 | -50 | |
| 1020 | -90 | -40 | -40 | -80 | |
| 1050 | -10 | 40 | -40 | 0 | |
| 1080 | 0 | 50 | -40 | 10 | |
| 1110E | 160 | 210 | -40 | 170 | |

| Station | Reading | Adjustment | Diurnal | Gammas | Notes |
|---|---|---|---|---|---|
| 1140 | 90 | 140 | -30 | 110 | |
| 1170 | 0 | 50 | -30 | 20 | |
| 1200 | 20 | 70 | -30 | 40 | |
| 1230 | 30 | 80 | -30 | 50 | |
| 1260 | 20 | 70 | -30 | 40 | |
| 1290 | -120 | -70 | -30 | -100 | |
| 1300 | -120 | -70 | -30 | -100 | quartz diorite o/c |
| 1320E | -80 | -30 | -30 | -60 | pond |
| **Going south along west side of Otter Creek** | | | | | |
| 30S | -70 | -20 | -20 | -40 | quartz diorite o/c [M-19] |
| 60 | -70 | -20 | -20 | -40 | |
| 75 | -150 | -100 | -20 | -120 | andesite o/c -- frac'd, v. rusty |
| 90 | -110 | -60 | -20 | -80 | |
| 105 | 0 | 50 | -20 | 30 | quartz diorite o/c |
| 120 | -180 | -130 | -20 | -150 | |
| 150 | -150 | -100 | -20 | -120 | |
| 180 | -90 | -40 | -20 | -60 | |
| 210S | -90 | -40 | -20 | -60 | |
| **Line 2 + 00N** | | | | | Going west from pond |
| 30W | -130 | -80 | -10 | -90 | |
| 60 | -90 | -40 | -10 | -50 | |
| 90 | -70 | -20 | -10 | -30 | |
| 120 | 40 | 90 | -10 | 80 | |
| 150 | 30 | 80 | -10 | 70 | |
| 180 | -30 | 20 | -10 | 10 | |
| 210 | -10 | 40 | -10 | 30 | |
| 240 | -70 | -20 | -10 | -30 | |
| 270 | -10 | 40 | -10 | 30 | |
| 300 | -10 | 40 | -10 | 30 | |
| 330 | -10 | 40 | -10 | 30 | |
| 350 | 0 | 50 | -10 | 40 | |
| 390 | 0 | 50 | -10 | 40 | |
| 420 | -10 | 40 | -10 | 30 | |
| 450 | -60 | -10 | -10 | -20 | |
| 480 | 0 | 50 | -10 | 40 | |
| 510 | 70 | 120 | -10 | 110 | |
| 540 | 0 | 50 | -10 | 40 | |
| 570 | 30 | 80 | -10 | 70 | |
| 600 | 80 | 130 | -10 | 120 | |
| 630 | -20 | 30 | -10 | 20 | |
| 660 | 60 | 110 | -10 | 100 | |
| 690 | 90 | 140 | -10 | 130 | |
| 720 | 40 | 90 | -10 | 80 | |
| 750 | 50 | 100 | -10 | 90 | |
| 780 | 110 | 160 | -10 | 150 | |
| 810 | 120 | 170 | -10 | 160 | |
| 840 | 140 | 190 | -10 | 180 | |
| 870 | 40 | 90 | -10 | 80 | |
| 900 | 50 | 100 | -10 | 90 | |
| 930 | 0 | 50 | -10 | 40 | |
| 960 | 0 | 50 | -10 | 40 | |
| 990 | 20 | 70 | -10 | 60 | |
| 1020 | -50 | 0 | -10 | -10 | |
| 1050 | 30 | 80 | -10 | 70 | |
| 1080 | 50 | 100 | -10 | 90 | |
| 1110 | 10 | 60 | -10 | 50 | |
| 1140 | 50 | 100 | -10 | 90 | |
| 1170 | 40 | 90 | -10 | 80 | |
| 1190W | 100 | 150 | -10 | 140 | Fence 40 metres north of gate |

| Station | Reading | Adjustment | Diurnal | Gammas | Notes |
|---|---|---|---|---|---|
| **Line 20 + 00N** | | | | | West from top of slope east of |
| 0+00 | 360 | 410 | -60 | 350 | Otter Creek -- East Bdy. Line |
| 15W | 250 | 300 | -60 | 240 | |
| 30 | -60 | -10 | -60 | -70 | |
| 60 | -40 | 10 | -60 | -50 | |
| 90 | -10 | 40 | -60 | -20 | |
| 120 | 0 | 50 | -60 | -10 | |
| 150 | 10 | 60 | -60 | 0 | |
| 180 | 60 | 110 | -60 | 50 | 180-220 -- small and. o/c's |
| 210 | 50 | 100 | -60 | 40 | |
| 240 | 140 | 190 | -60 | 130 | |
| 270 | 220 | 270 | -60 | 210 | 270-330 -- o/c area -- and. tf. |
| 300 | 110 | 160 | -60 | 100 | -- o/c's extend S |
| 330 | 110 | 160 | -60 | 100 | |
| 360 | 160 | 210 | -60 | 150 | |
| 390 | 80 | 130 | -60 | 70 | |
| 420 | 80 | 130 | -60 | 70 | o/c area -- andesite -- extends S |
| 450 | 170 | 220 | -60 | 160 | |
| 480 | 310 | 360 | -60 | 300 | 470-520 -- area of shallow cove |
| 510 | 100 | 150 | -60 | 90 | on andesite -- extends to S |
| 540 | 190 | 240 | -60 | 180 | |
| 570 | 110 | 160 | -60 | 100 | |
| 600 | 170 | 220 | -60 | 160 | |
| 630 | 320 | 370 | -60 | 310 | |
| 660 | 260 | 310 | -60 | 250 | |
| 690 | 150 | 200 | -60 | 140 | |
| 720 | 150 | 200 | -60 | 140 | |
| 750 | 180 | 230 | -60 | 170 | |
| 780 | 190 | 240 | -60 | 180 | |
| 810 | 190 | 240 | -60 | 180 | |
| 840 | 140 | 190 | -60 | 130 | |
| 870 | 240 | 290 | -60 | 230 | |
| 900 | 360 | 410 | -60 | 350 | |
| 930 | 300 | 350 | -60 | 290 | |
| 960 | 220 | 270 | -60 | 210 | |
| 990 | 220 | 270 | -60 | 210 | |
| 1020 | 150 | 200 | -60 | 140 | |
| 1050 | 200 | 250 | -60 | 190 | |
| 1065W | 170 | 220 | -60 | 160 | |
| **South along road** | | | | | |
| 30S | 150 | 200 | -50 | 150 | |
| 60 | 100 | 150 | -50 | 100 | |
| 90 | 140 | 190 | -50 | 140 | |
| 120 | 200 | 250 | -50 | 200 | |
| 150 | 300 | 350 | -50 | 300 | |
| 180 | 620 | 670 | -50 | 620 | |
| 195 | 430 | 480 | -50 | 430 | Main Base = 370 |
| 210S | 140 | 190 | -50 | 140 | |

| Station | Reading | Adjustment | Diurnal | Gammas | Notes |
|---|---|---|---|---|---|
| **Along ranch road north from gate** | | | | | |
| 0 + 00 | 60 | 110 | 0 | 110 | |
| 30N | 90 | 140 | 0 | 140 | |
| 60 | 100 | 150 | 0 | 150 | |
| 90 | 80 | 130 | 0 | 130 | |
| 120 | 150 | 200 | 0 | 200 | |
| 150 | 100 | 150 | 0 | 150 | |
| 180 | 120 | 170 | 0 | 170 | |
| 210 | 80 | 130 | 0 | 130 | Base 2 = 10 |
| 240N | 90 | 140 | 0 | 140 | Main Base = 310 |
| | | | | | |
| | | | | | September 18 |
| **Line 18 + 00N** | | | | | Main Base = 390 |
| 0+00 | 290 | 340 | -70 | 270 | East from road |
| 30E | 270 | 320 | -70 | 250 | |
| 60 | 200 | 250 | -70 | 180 | |
| 90 | 150 | 200 | -70 | 130 | |
| 120 | 620 | 670 | -70 | 600 | |
| 150 | 340 | 390 | -70 | 320 | |
| 180 | 360 | 410 | -70 | 340 | |
| 210 | 440 | 490 | -70 | 420 | 200-250 -- o/c area -- and'c tuff |
| 240 | 310 | 360 | -70 | 290 | -- foliation @ 0°, dip 40°E |
| 270 | 270 | 320 | -70 | 250 | [M-20, M-21, M-22] |
| 300 | 330 | 380 | -70 | 310 | |
| 330 | 280 | 330 | -70 | 260 | |
| 360 | 420 | 470 | -70 | 400 | |
| 390 | 270 | 320 | -70 | 250 | |
| 420 | 280 | 330 | -70 | 260 | |
| 450 | 200 | 250 | -70 | 180 | |
| 480 | 200 | 250 | -70 | 180 | |
| 510 | 220 | 270 | -70 | 200 | |
| 540 | 160 | 210 | -70 | 140 | |
| 570 | 140 | 190 | -70 | 120 | |
| 600 | 150 | 200 | -70 | 130 | |
| 630 | 100 | 150 | -70 | 80 | |
| 660 | 140 | 190 | -70 | 120 | |
| 690 | 150 | 200 | -70 | 130 | |
| 720 | 180 | 230 | -70 | 160 | |
| 750 | 170 | 220 | -70 | 150 | |
| 780 | 160 | 210 | -70 | 140 | |
| 810 | 150 | 200 | -70 | 130 | |
| 840 | 70 | 120 | -70 | 50 | 825 -- and. o/c, extends 20m N |
| 870 | 80 | 130 | -70 | 60 | |
| 900 | 40 | 90 | -70 | 20 | |
| 915 | 10 | 60 | -70 | -10 | andesite o/c [M-23] |
| 930 | 10 | 60 | -70 | -10 | Otter Creek |
| 950E | 20 | 70 | -70 | 0 | |
| **Going north along west side of Otter Creek** | | | | | |
| 30N | 0 | 50 | -70 | -20 | |
| 60 | 10 | 60 | -70 | -10 | |
| 90 | 20 | 70 | -70 | 0 | |
| 120 | 0 | 50 | -70 | -20 | |
| 150 | 30 | 80 | -70 | 10 | |
| 180N | 10 | 60 | -70 | -10 | |

## RADEM SURVEY -- MOLLY CLAIMS

| STATION | DIP ANGLE | FILTER | NOTES |
|---|---|---|---|
| LINE 0+00 | [Going East] | | **Dip angles recorded in the field** |
| 0 | 0 | | **as East are shown as positive** |
| 15 | 1 | | **and West dips as negative** |
| 30 | 2 | -4 | |
| 45 | 3 | -4 | |
| 60 | 4 | -4 | |
| 75 | 5 | -9 | |
| 90 | 11 | -16 | |
| 105 | 14 | 3 | |
| 120 | -1 | 41 | Power line |
| 135 | -15 | 40 | |
| 150 | -12 | 3 | |
| 165 | -7 | -19 | Road@170E |
| 180 | -1 | -13 | |
| 195 | -5 | 3 | |
| 210 | -6 | 6 | |
| 225 | -6 | 1 | |
| 240 | -6 | 0 | |
| 255 | -6 | -3 | |
| 270 | -3 | -7 | |
| 285 | -2 | -5 | |
| 300 | -2 | 1 | |
| 315 | -4 | 4 | |
| 330 | -4 | 3 | |
| 345 | -5 | 2 | |
| 360 | -5 | 2 | |
| 375 | -6 | 2 | |
| 390 | -6 | -1 | |
| 405 | -4 | -4 | |
| 420 | -4 | -2 | Felsic float |
| 435 | -4 | 1 | |
| 450 | -5 | 2 | |
| 465 | -5 | 2 | Post 2E |
| 480 | -6 | 3 | |
| 495 | -7 | -4 | |
| 510 | -7 | -6 | |
| 525 | -7 | 9 | |
| 540 | -9 | 13 | |
| 555 | -11 | 6 | |
| 570 | -11 | 1 | East-facing slope |
| 585 | -10 | -5 | Abundant felsic floats |
| 600 | -7 | -7 | |
| 615 | -7 | -7 | |
| 630 | -3 | -10 | |
| 645 | -1 | -5 | |
| 660 | -4 | 7 | |
| 675 | -7 | 7 | |
| 690 | -5 | 0 | |

| | | | |
|---|---|---|---|
| 705 | -6 | 4 | |
| 720 | -10 | 7 | |
| 735 | -8 | -2 | |
| 750 | -6 | -6 | |
| 765 | -6 | 2 | |
| 780 | -10 | 8 | |
| 795 | -10 | 3 | |
| 810 | -9 | -2 | |
| 825 | -9 | -5 | |
| 840 | -5 | -14 | |
| 855 | 1 | -20 | |
| 870 | 5 | -13 | |
| 885 | 4 | 3 | |
| 900 | -1 | 11 | |
| 915 | -1 | 4 | Post 2E |
| 930 | 0 | 3 | |
| 945 | -5 | 14 | |
| 960 | -10 | 14 | |
| 975 | -9 | 2 | |
| 990 | -8 | 3 | |
| 1005 | -14 | 5 | |
| 1020 | -8 | -7 | |
| 1035 | -7 | -9 | |
| 1050 | -6 | -4 | |
| 1065 | -5 | -5 | |
| 1080 | -3 | -8 | Top of slope W of pond |

| Line 2+00N | [Going west] | | |
|---|---|---|---|
| 0 | -9 | | Top of slope W of pond |
| 15 | -8 | | |
| 30 | -11 | 0 | Abundant felsic float |
| 45 | -6 | 8 | |
| 60 | -5 | 8 | |
| 75 | -4 | 8 | |
| 90 | 1 | 14 | |
| 105 | 4 | 4 | |
| 120 | -3 | -13 | |
| 135 | -5 | -12 | |
| 150 | -6 | -5 | |
| 165 | -7 | 0 | |
| 180 | -4 | 5 | |
| 195 | -4 | 4 | |
| 210 | -3 | -1 | |
| 225 | -6 | -7 | |
| 240 | -8 | -7 | |
| 255 | -8 | -2 | |
| 270 | -8 | -2 | |
| 285 | -10 | -2 | |
| 300 | -8 | -1 | |
| 315 | -11 | -9 | |
| 330 | -16 | -12 | |

| | | | |
|---|---|---|---|
| 345 | -15 | -2 | |
| 360 | -14 | 5 | |
| 375 | -12 | 5 | Felsic float |
| 390 | -12 | 4 | |
| 405 | -10 | 4 | |
| 420 | -10 | 3 | |
| 435 | -9 | 2 | |
| 450 | -9 | 2 | |
| 465 | -8 | 2 | |
| 480 | -8 | 2 | |
| 495 | -7 | 3 | |
| 510 | -6 | 5 | |
| 525 | -4 | 5 | |
| 540 | -4 | 2 | |
| 555 | -4 | -1 | |
| 570 | -5 | -1 | |
| 585 | -4 | 1 | |
| 600 | -4 | 1 | |
| 615 | -4 | 0 | |
| 630 | -4 | 1 | |
| 645 | -3 | 7 | |
| 660 | 2 | 9 | |
| 675 | 0 | 2 | |
| 690 | 1 | 0 | |
| 705 | 1 | 0 | |
| 720 | 0 | -2 | |
| 735 | 0 | 0 | |
| 750 | 1 | 1 | |
| 765 | 0 | -3 | |
| 780 | -2 | -3 | |
| 795 | 0 | 0 | |
| 810 | -2 | -5 | |
| 825 | -5 | -9 | |
| 840 | -6 | -4 | |
| 855 | -5 | 1 | |
| 870 | -5 | 1 | |
| 885 | -5 | -1 | |
| 900 | -6 | -4 | |
| 915 | -8 | -4 | |
| 930 | -7 | -1 | |
| 945 | -8 | -2 | |
| 960 | -9 | -4 | Claim line & fence |
| 975 | -10 | -6 | -30 m north of gate |
| 990 | -13 | -12 | |
| 1005 | -18 | -10 | |
| 1020 | -15 | 16 | |
| 1035 | 0 | 43 | Power line |
| 1050 | 10 | 37 | |
| 1065 | 12 | 12 | |
| 1080 | 10 | -6 | |
| 1095 | 6 | -13 | |

| | | | |
|---|---|---|---|
| 1110 | 3 | -13 | 10 m east of pond |
| | | | |
| LINE 4+00N | [Going east] | | |
| 0 | 0 | | Start at ranch road |
| 15 | | | |
| 30 | -2 | | |
| 45 | | | |
| 60 | -7 | | |
| 75 | | | |
| 90 | -8 | | |
| 105 | | | |
| 120 | -7 | | Claim line |
| 135 | | | |
| 150 | -7 | | |
| 165 | | | |
| 180 | -2 | | |
| 195 | | | |
| 210 | -1 | | |
| 225 | | | |
| 240 | -7 | | |
| 255 | | | |
| 270 | -7 | | |
| 285 | | | |
| 300 | -7 | | |
| 315 | -6 | | |
| 330 | -5 | -4 | Valley |
| 345 | -4 | -5 | |
| 360 | -2 | -7 | |
| 375 | 0 | -11 | |
| 390 | 5 | -18 | |
| 405 | 11 | -21 | Valley |
| 420 | 15 | -11 | |
| 435 | 12 | 4 | Ranch road |
| 450 | 10 | 9 | |
| 465 | 8 | 8 | |
| 480 | 6 | 9 | |
| 495 | 3 | 9 | |
| 510 | 2 | 5 | |
| 525 | 2 | 0 | |
| 540 | 3 | -3 | |
| 555 | 4 | -4 | |
| 570 | 5 | -1 | |
| 585 | 3 | 6 | |
| 600 | 0 | 12 | |
| 615 | -4 | 13 | |
| 630 | -6 | 10 | |
| 645 | -8 | 4 | |
| 660 | -6 | -2 | |
| 675 | -6 | -1 | |
| 690 | -7 | 3 | |
| 705 | -8 | 4 | |

| | | | |
|---|---|---|---|
| 720 | -9 | | |
| 735 | | | |
| 750 | -10 | | |
| 765 | | | |
| 780 | -9 | | |
| 795 | | | |
| 810 | -9 | | |
| 825 | | | |
| 840 | -13 | | |
| 855 | | | |
| 870 | -13 | | |
| 885 | | | |
| 900 | -13 | | |
| 915 | | | |
| 930 | -9 | | |
| 945 | | | |
| 960 | -6 | | |
| 975 | | | |
| 990 | -6 | | |
| 1005 | | | |
| 1020 | -4 | | |
| 1035 | | | |
| 1050 | -3 | | |
| 1065 | | | |
| 1080 | -2 | | |
| 1095 | -3 | | |
| 1110 | -5 | 4 | |
| 1125 | -4 | -2 | |
| 1140 | -2 | 0 | |
| 1155 | -7 | 12 | |
| 1170 | -11 | 15 | |
| 1185 | -13 | 9 | |
| 1200 | -14 | 2 | |
| 1215 | -12 | -4 | |
| 1230 | -11 | -5 | |
| 1245 | -10 | -3 | |
| 1260 | -10 | -11 | |
| 1275 | | | |
| 1290 | -7 | | |
| 1305 | | | |
| 1320 | -5 | | |
| 1335 | | | |
| 1350 | -7 | | Pond @ 1360m |

| LINE 8+00N | [Going west] | |
|---|---|---|
| 0 | 0 | Start 20m west of pond |
| 15 | | -felsic tuff - rusty - py+ |
| 30 | -7 | |
| 45 | | |
| 60 | -5 | |
| 75 | | |

| | | |
|---|---|---|
| 90 | -4 | |
| 105 | | |
| 120 | -10 | |
| 135 | | |
| 150 | -8 | |
| 165 | | |
| 180 | -7 | |
| 195 | | |
| 210 | -8 | |
| 225 | | |
| 240 | -7 | |
| 255 | -7 | |
| 270 | -7 | 1 |
| 285 | -6 | 3 |
| 300 | -5 | 4 |
| 315 | -4 | 6 |
| 330 | -1 | 8 |
| 345 | 0 | 5 |
| 360 | 0 | 0 |
| 375 | -1 | -2 |
| 390 | -1 | |
| 405 | | |
| 420 | 1 | |
| 435 | | |
| 450 | -1 | |
| 465 | | |
| 480 | -5 | |
| 495 | | |
| 510 | -8 | |
| 525 | | |
| 540 | -6 | |
| 555 | | |
| 570 | -7 | |
| 585 | | |
| 600 | -7 | |
| 615 | | |
| 630 | -5 | |
| 645 | -6 | |
| 660 | -7 | -2 |
| 675 | -6 | 3 |
| 690 | -4 | 7 |
| 705 | -2 | 8 |
| 720 | 0 | 5 |
| 735 | -1 | -3 |
| 750 | -4 | -9 |
| 765 | -6 | |
| 780 | -8 | |
| 795 | | |
| 810 | -4 | |
| 825 | | |
| 840 | -5 | |

| | | | |
|---|---|---|---|
| 855 | | | |
| 870 | -7 | | |
| 885 | | | |
| 900 | -9 | | |
| 915 | | | |
| 930 | -8 | | |
| 945 | | | |
| 960 | -8 | | |
| 975 | | | |
| 990 | -7 | | |
| 1005 | | | |
| 1020 | -11 | | |
| 1035 | | | |
| 1050 | -9 | | |
| 1065 | | | |
| 1080 | -8 | | |
| 1095 | | | |
| 1110 | -10 | | |
| 1125 | | | |
| 1140 | -11 | | |
| 1155 | -10 | | |
| 1170 | -10 | 4 | |
| 1185 | -7 | 7 | |
| 1200 | -6 | 6 | |
| 1215 | -5 | 6 | |
| 1230 | -2 | 9 | |
| 1245 | 0 | 10 | |
| 1260 | 3 | 11 | |
| 1275 | 6 | 13 | |
| 1290 | 10 | 12 | |
| 1305 | 11 | 4 | |
| 1320 | 9 | -5 | |
| 1335 | 7 | | |
| 1350 | 4 | | |
| 1365 | | | |
| 1380 | 0 | | Small pond |

| LINE 11+00N | [Going east} | | |
|---|---|---|---|
| 0 | 12 | | Start @ claim line |
| 15 | 6 | | |
| 30 | 3 | 15 | |
| 45 | 0 | 10 | |
| 60 | -1 | 4 | |
| 75 | 0 | -1 | |
| 90 | 0 | -2 | |
| 105 | 1 | -2 | |
| 120 | 1 | 0 | |
| 135 | 0 | 3 | |
| 150 | -1 | 4 | |
| 165 | -2 | 4 | |
| 180 | -3 | 5 | |

| | | | |
|---|---|---|---|
| 195 | -5 | 7 | |
| 210 | -7 | 7 | |
| 225 | -8 | 6 | |
| 240 | -10 | 8 | |
| 255 | -13 | 10 | |
| 270 | -15 | 8 | Top of v. steep slope [E] |
| 285 | -16 | 5 | |
| 300 | -17 | 0 | |
| 315 | -14 | | |
| 330 | -12 | | |
| 345 | | | |
| 360 | -7 | | |
| 375 | | | |
| 390 | 3 | | |
| 405 | | | |
| 420 | 2 | | |
| 435 | 1 | | |
| 450 | 1 | 2 | |
| 465 | 0 | 2 | |
| 480 | 0 | 4 | |
| 495 | -3 | 10 | |
| 510 | -7 | 12 | |
| 525 | -8 | 8 | |
| 540 | -10 | 5 | |
| 555 | -10 | 2 | |
| 570 | -10 | 1 | |
| 585 | -11 | 3 | |
| 600 | -12 | 3 | |
| 615 | -12 | 2 | |
| 630 | -13 | 3 | |
| 645 | -14 | 2 | |
| 660 | -13 | -2 | |
| 675 | -12 | -5 | |
| 690 | -10 | -5 | |
| 705 | -10 | | |
| 720 | -10 | | |
| 735 | | | |
| 750 | -10 | | |
| 765 | | | |
| 780 | -9 | | |
| 795 | | | |
| 810 | -8 | | |
| 825 | | | |
| 840 | -5 | | |
| 855 | | | |
| 870 | 0 | | |
| 885 | 1 | | |
| 900 | 0 | 3 | |
| 915 | -2 | 10 | |
| 930 | -7 | 12 | |
| 945 | -7 | 5 | |

| | | | |
|---|---|---|---|
| 960 | -7 | 3 | |
| 975 | -10 | 8 | |
| 990 | -12 | 9 | |
| 1005 | -14 | 3 | |
| 1020 | -11 | -5 | |
| 1035 | -10 | -5 | |
| 1050 | -10 | | |
| 1065 | | | |
| 1080 | -3 | | |
| 1095 | | | |
| 1110 | -3 | | |
| 1125 | | | |
| 1140 | 0 | | |
| 1155 | | | |
| 1170 | -3 | | |
| 1185 | | | |
| 1200 | 0 | | Pond @ 1270E |

| LINE 14+00N | [Going west] | |
|---|---|---|
| 0 | -7 | Start ca. 30m W of pond |
| 15 | | - andesite -- py ++ |
| 30 | -5 | |
| 45 | | |
| 60 | -5 | |
| 75 | | |
| 90 | -5 | |
| 105 | | |
| 120 | -3 | |
| 135 | | |
| 150 | -1 | |
| 165 | | |
| 180 | -3 | |
| 195 | | |
| 210 | -6 | |
| 225 | | |
| 240 | -7 | |
| 255 | | |
| 270 | -9 | |
| 285 | | |
| 300 | -9 | |
| 315 | | |
| 330 | -11 | |
| 345 | | |
| 360 | -13 | |
| 375 | | |
| 390 | -13 | |
| 405 | | |
| 420 | -15 | |
| 435 | | |
| 450 | -13 | |
| 465 | | |

| | | | |
|---|---|---|---|
| 480 | -13 | | |
| 495 | | | |
| 510 | -11 | | |
| 525 | | | |
| 540 | -12 | | |
| 555 | | | |
| 570 | -15 | | |
| 585 | | | |
| 600 | -15 | | |
| 615 | | | |
| 630 | -15 | | |
| 645 | | | |
| 660 | -12 | | |
| 675 | | | |
| 690 | -7 | | |
| 705 | | | |
| 720 | -5 | | |
| 735 | | | |
| 750 | -5 | | |
| 765 | | | |
| 780 | -4 | | |
| 795 | -4 | | |
| 810 | -3 | 5 | |
| 825 | 0 | 10 | |
| 840 | 3 | 9 | |
| 855 | 3 | 4 | |
| 870 | 4 | 3 | |
| 885 | 5 | 3 | |
| 900 | 5 | 2 | |
| 915 | 6 | 3 | |
| 930 | 7 | 5 | |
| 945 | 9 | 6 | |
| 960 | 10 | 3 | |
| 975 | 9 | | |
| 990 | 7 | | Trail @ bottom of draw |

**BRIEF DESCRIPTIONS OF ROCK SAMPLES -- MOLLY PROJECT,1998**

[**m** = magnetic; **n** = non-magnetic]

[Molly Claim]

M-1 -- highly weathered -- limonitic material in felsic groundmass **n**

M-3 -- f.g. weathered -- dark gray-green -- possibly sandy andesitic tuff

M-4 -- andesitic lapilli tuff -- mainly lithic fragments, some biotite phenos -- **m** in part

M-6 -- c.g.sandy andesitic tuff **n**

M-7 -- andesitic lapilli tuff slightly **m**

M-8 -- pale gray felsic tuff **n**

M-9 -- felsic lapilli tuff **n**

M-11 -- felsic tuff **N**

M-16 -- weathered and altered andesitic grystal-lithic tuff -- minor diss. py **n**

M-17 -- diorite **m**

M-18 -- altered andesitic lapilli tuff -- highly fractured **n**

M-19 -- diorite -- slightly altered **n**

M-20 -- altered andesitic tuff **n**

M-21 -- altered andesitic tuff **m**

M-22 -- epiditized andesitic tuff **n**

M-23 -- f.g. andesitic tuff -- laminated **m**

M-24 -- andesitic lapilli in fine-grained matrix -- basaltic in part -- leucoxene + **strongly m**

M-25 -- quartz diorite **m**

M-26 -- andesitic tuff **m**

M-27 -- leucocratic quartz diorite **n**

M-28 -- andesitic tuff -- extensive qtz/calcite veining **n**

M-29 -- fractured and altered andesitic tuff wealkly **m**

M-30 -- leuco quartz diorite **n**

M-31 -- andesitic tuff **n**

M-32 -- "crowded" felsic lapilli tuff -- biotite in interstices **n**

M-33 -- weathered felsic tuff -- limonite + **n**

M-34 -- "crowded" felsic lapilli tuff **n**

M-35 -- felsic lapilli tuff -- py +++ **n**

M-36 -- "crowded" felsic lapilli tuff -- qtz eyes ++ **n**

M-37 -- leucocratic diorite **n**

M-38 -- similar to M-37 weakly **m**

[Chris Claim]
C-1 -- felsic lapilli tuff **n**

C-2 -- pale gray-green andesitic(?) tuff **n**

C-5 -- highly fractured f.g. felsic tuff -- limonite ++ **n**

C-6 -- felsic lapilli tuff **n**

C-7 -- felsic tuff **n**

C-8 -- felsic tuff -- limonite + **n**

C-9 -- "crowded" felsic lapilli tuff -- limonite + **n**

C-10 -- similar to C-9 **n**

C-11 -- similar to C-9 **n**

[Graham Claim]
G-1 -- f.g. quartz diorite **n**

G-2 -- felsic crystal tuff -- mainly fp w/qtz eyes and minor biotite **n**

Core samples (PAR Claims)

A -- pale green lapilli (stretched ?) + qtz eyes in pale gray matrix
-- py stringers sub-parallel to weak foliation

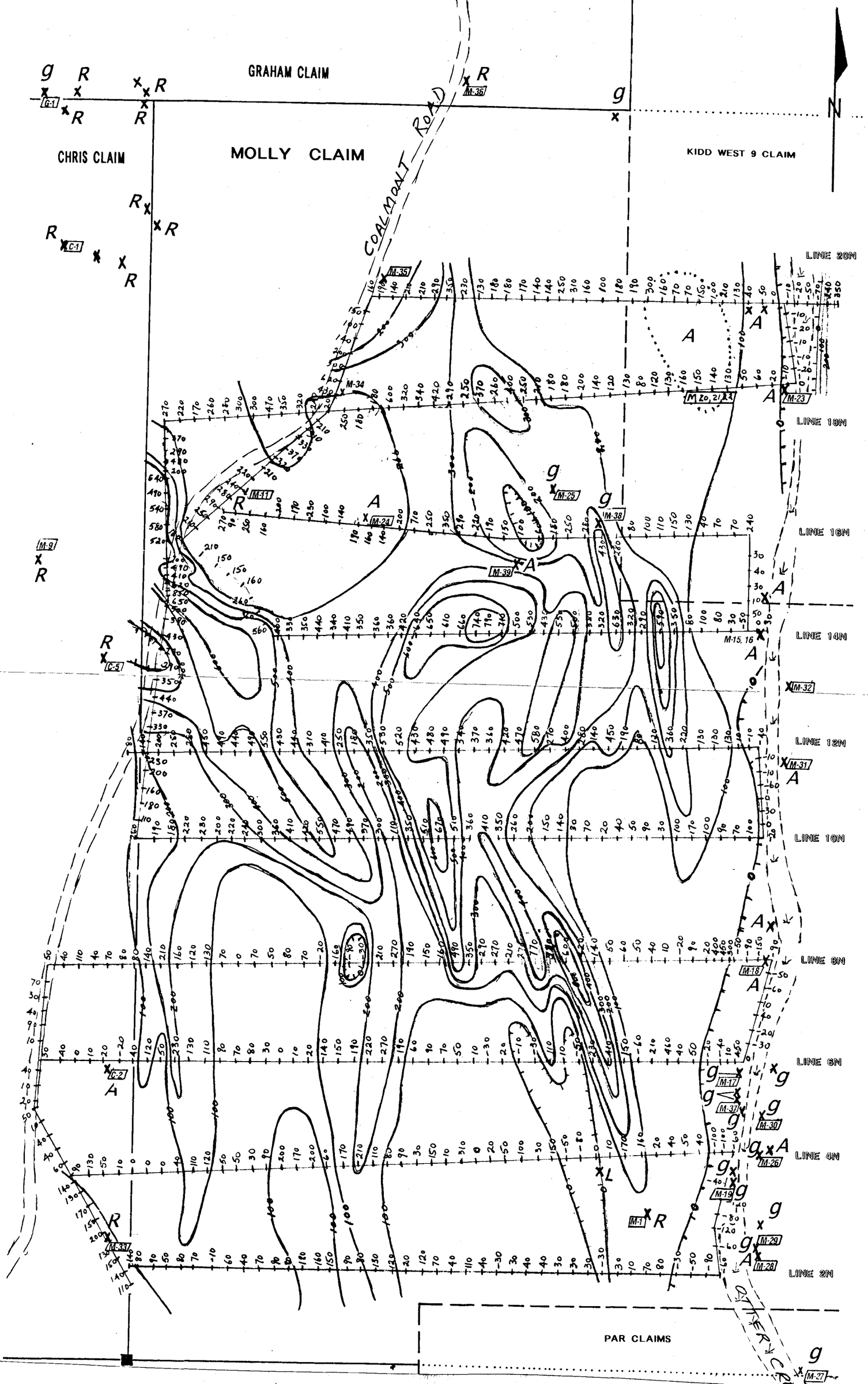
B -- qtz-fp crystal tuff
-- qtz eyes 1-4 mm; fp av.2 mm

C -- similar to B but fp crystal outlines much less well defined

D -- feldspathic crystal-lithic tuff

E -- crystal tuff -- similar to C -- qtz eyes 1-2 mm

**[Note: all core samples are non-magnetic]**




# GEOLOGICAL & MAGNETIC SURVEYS

# MOLLY PROPERTY

NICOLA MINING DIVISION, BRITISH COLUMBIA

SCALE 1 : 5000

0 100 200 300 400 500

Metres

## EXPLANATION

+380 +320 +630 — Relative Total Magnetic Field in gammas [56,000 subtracted]

200 — Isomagnetic contours [interval 100 gammas]

X — Small outcrop

Outcrop area

*g* — Granitic intrusive rocks

*A* — Andesitic volcanic rocks

*R* — Felsic volcanic rocks

*L* — Calcareous rocks

*FIGURE 3*

*To Accompany "REPORT ON GEOLOGICAL & GEOPHYSICAL SURVEYS"*
*By W.R.Bergey, P.Eng.*


# VLF - ELECTROMAGNETIC SURVEY

# MOLLY PROPERTY

## NICOLA MINING DIVISION, BRITISH COLUMBIA

*SCALE 1 : 5000*

0 100 200 300 400 500

Metres

**EXPLANATION**

Positive Fraser-Filter values [Actual readings shown in text]

Power line

**VLF STATION (SEATTLE)**

*FIGURE 4*

To accompany "REPORT ON GEOLOGICAL & GEOPHYSICAL SURVEYS" by W.R.Bergey, P.Eng.