

MAP NO. 115 0 9 ASSESSMENT REPORT X PROSPECTUS CONFIDENTIAL X OPEN FILE DOCUMENT NO.: 092531 MINING DISTRICT: DAWSON TYPE OF WORK: GEOLOGICAL MAPPING & GEOPHYSICAL SURVEY

REPORT FILED UNDER: Marshall Earth Resources

DATE PERFORMED: October 7-14, 1987 DATE FILED: April 12, 1988

LOCATION: LAT.: 63° 42' N AREA: Mt. Burnham
LONG.: ^{138 75}~~130~~ 07' W VALUE \$: 32,300.00

CLAIM NAME & NO.: HAM 1-10 Y84724-733; 11-22 YA85053- 064; 23-24 YA85065-076
35-45 YA84758-768; 46-136 YA84769-859; 165-166 YA84888-889;
195-305 YA84918-028; 305-319 YA85029-040; 320-331 YA85077-088;

WORK DONE BY: Ron Espell; R. Allan Doherty

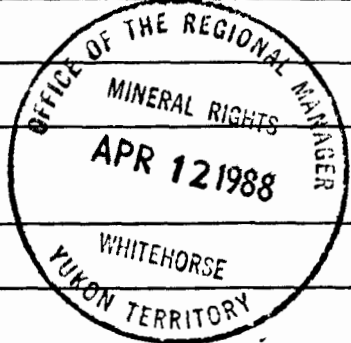
WORK DONE FOR: Marshall Earth Resources

| DATE TO GOOD STANDING | REMARKS: |
|-----------------------|----------|
| | # 95 HAM |
| | |
| | |
| | |



M.R. file no. *Quartz Reclaim PA4733*
 R.M.M.R. file no.
 Date forwarded
8 April 88

TRANSMITTAL FORM



From Mining Recorder at: *Dawson*

To Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

NEW APPLICATION FOR PLACER LEASE TO PROSPECT Name

RENEWAL APPLICATION PLACER LEASE TO PROSPECT Name Lease no.

AFFIDAVIT OF EXPENDITURE ON PLACER LEASE Name Lease no.

SECURITY DEPOSIT

FINANCIAL ABILITY

ASSIGNMENT OF PLACER LEASE NO. From To

GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT. Owner

DIAMOND DRILL LOGS Claims Claim sheet no.

QUARTZ ASSESSMENT REPORT Claims *HAM 1-305 YA84724 etc.* Claim sheet no. *11509*

Type of report *Geological Map. Geophysical survey* Submitted by *Aurum Geological Cons.*

Cls. work performed on *HAM 1-136, 165-160, 195-305, 308-331* \$ req. for ren. application *32,300.00*

Signature *[Signature]*

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Date returned
3 Oct. 88

REPLY ACTION

Approved for amount required following receipt of air photos and interpretation.

#95 HAM

Signature *[Signature]*

GEOLOGICAL MAPPING & GEOPHYSICAL SURVEY

On The

HAM CLAIMS

Dawson Mining District

Yukon Territory



Claims

HAM 1-136, 165-166, 195-305, 308-331

Location

1. Australia Mountain Area (Mt. Burnham)
2. NTS 115 0-9
3. Latitude $63^{\circ} 42'N$

Longitude ~~113~~ $07'W$
138 15

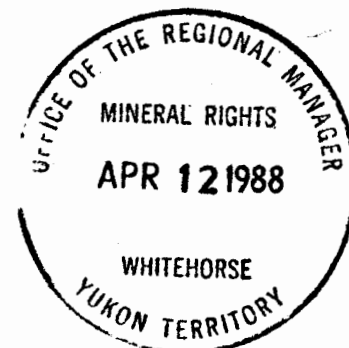
For

Mr. Hugh Roy Marshall
MARSHALL EARTH RESOURCES, INC.
720 Willow Street
Reno, Nevada 89502

By

Ron Espell, B.Sc.
MARSHALL EARTH RESOURCES, INC.
720 Willow Street
Reno, Nevada 89502

R. Allan Doherty, B.Sc.
AURUM GEOLOGICAL CONSULTANTS, INC.
P. O. Box 5179
Whitehorse, Yukon, Canada Y1A4S3



October 7-14, 1987

092531

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 32,809.00.

for 
Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.



SUMMARY

The Ham claim group consists of 273 contiguous mineral claims in the Dawson Mining District, Yukon. The claims are bounded to the West by historic lode prospects and by numerous placer workings.

The current work program has consisted of geologic mapping, aerial photography and interpretation and a magnetometer geophysical survey. The goal of the exploration program was to; identify the nature of the contact between Yukon group Paleozoic schists and a Paleozoic megacrystic granodiorite, identify any potentially mineralized Northwest trending thrust faults crossing the property and to identify the mineralization potential associated with either the intrusive event or subsequent deformation events.

Based on these results, a follow-up exploration program consisting of trenching, detailed geologic mapping and geochemical sampling is warranted and recommended.

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INTRODUCTION AND ACCESS

This report was prepared for Marshall Earth Resources, Inc. Its purpose is to summarize the exploration work done on the Ham 1-136, 165-166, 195-305 and 308-331 mineral claims during 1987.

The claims are located approximately 70 kilometers South-east of Dawson, Yukon. Access is generally by helicopter. The closest road access is to the Dominion area, West of the claim group.

Exploration work completed in October 1987 consisted of geologic mapping, aerial photo interpretation, a geophysical program using a GSM-8 proton magnetometer and report preparation. Geologic work was done by Ron Espell of Marshall Earth Resources, Inc., and R. Allan Doherty of Aurum Geological Consultants, Inc.

LOCATION

The Ham property is a contiguous group of 273 quartz claims located on and about Mt. Burnham, approximately 15 kilometers Northwest of Australia Mountain. The center of the claim block is at 63°42' North latitude and ~~113°07'~~ West longitude.

PROPERTY

The property consists of the following 273 claims (Figure 2) staked in accordance with the Yukon Quartz Mining Act. The claims are shown on NTS Map Sheet 115 O-9.

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| <u>Claim Name</u> | <u>Grant #</u> | <u>Mining District</u> | <u>Recording Date</u> | <u>Expiry Date*</u> |
|-------------------|----------------|------------------------|-----------------------|---------------------|
| Ham 1-10 | YA 84724-733 | Dawson | 06 Nov 84 | 06 Nov 87 |
| Ham 11-22 | YA 85053-064 | Dawson | 15 Nov 84 | 15 Nov 87 |
| Ham 23-34 | YA 85065-076 | Dawson | 15 Nov 84 | 15 Nov 87 |
| Ham 35-45 | YA 84758-768 | Dawson | 06 Nov 84 | 06 Nov 87 |
| Ham 46-136 | YA 84769-859 | Dawson | 06 Nov 84 | 06 Nov 87 |
| Ham 165,166 | YA 84888-889 | Dawson | 06 Nov 84 | 06 Nov 87 |
| Ham 195-305 | YA 84918-028 | Dawson | 06 Nov 84 | 06 Nov 87 |
| Ham 308-319 | YA 85029-040 | Dawson | 06 Nov 84 | 06 Nov 87 |
| Ham 320-331 | YA 85077-088 | Dawson | 15 Nov 84 | 15 Nov 87 |

* Prior to recording assessment work described herein.

The claims are owned 100% by Marshall Earth Resources, Inc. When encountered during the 1987 exploration program, claim posts were observed to be properly flagged and very well staked.

CLIMATE, TOPOGRAPHY & VEGETATION

The climate in the area of the Ham claim group is variable with moderate dry Summers and long, cold Winters. Precipitation is light (40 centimeters annually), with moderate snowfalls during the Winter months. The exploration season extends from mid-May through September-October.

Topography tends to be moderate and is characterized by well developed dendritic drainages separated by relatively broad ridges of moderate relief.

Vegetation is typically thick brush, mostly willow, alder and buck brush, with alpine grasses.

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GEOLOGY

The Ham claim group is underlain by a foliated, megacrystic granodiorite which is in intrusive contact with well foliated Yukon group Pelitic metasediments (Figure 3). It is the purpose of this geologic evaluation to determine; the nature of the contact between the granitic rocks and the overlying Yukon group schists (intrusive or thrust fault), the mineralization potential at the contact, if mineralization in the overlying schists had occurred following the intrusive event and if regional Northwest thrust faulting (which is present to the West of the claim group) cross-cuts the claim group. The Northwest thrust faults are often a conduit for silicification in the area.

The oldest rocks exposed on the claim group are the foliated quartzofeldspathic schists. These rocks are generally assigned to the Yukon group and are pre-late Mississippian in age (Debicki, R.L., 1985). The schists observed tend to be fine to medium grained, granoblastic to porphyroblastic with porphyroblasts consisting of quartz, muscovite, alkali feldspar and minor garnet. Quartz veinlets are common as thin, discontinuous veins along foliation planes. Contacts with the quartz are generally sharp with occasional epidote concentration along the contact. Pyrite is commonly associated with silicification.

The granitic rocks which form Mt. Burnham are moderately foliated, megacrystic granodiorite. The granodiorite appears to be in intrusive contact with the overlying schists and is probably Late Mississippian in age (Debicki, R.L., 1985). Subsequent deformation and metamorphism of the granodiorite was contemporaneous with that of the overlying Yukon group as foliation and dimensional orientation of strain features

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are parallel to that of the overlying schists. The granodiorite is moderately foliated with weak schistosity developed. Common secondary metamorphic minerals present are biotite and muscovite with tourmaline present in pegmatitic zones.

Thick quaternary alluvium is present over nearly all the property as the area has escaped glaciation.

GEOPHYSICS

Two geophysical lines were laid across the claim group (Figure 4). Line 1 was laid perpendicular to the contact between the granodiorite and the schist to determine any anomolous responses at the contact which would indicate mineralization about the contact. Line 2 was laid perpendicular to Line 1 and was completely within the granodiorite unit.

The magnetometer survey results were drift corrected and compiled using Lotus 1-2-3. The data indicated a mag high at the contact between the Yukon group schists and the granodiorite. Elsewhere the results were less encouraging.

AERIAL PHOTOGRAPHY INTERPRETATION

In conjunction with the magnetometer survey, six color aerial photo flight lines were flown in September 1987 covering the MERI Ham claims block region.

It was our intent to determine the existence and extent within the Ham claim block of: (1) Northwest trending regional thrust faulting with possible subsequent mineralization, and (2) The nature of the contact between the felsic intrusive and the quartzofeldspathic schistose units in the vicinity of Mt. Burnham.

In summary, our airphoto interpretation suggests an intrusive rather than fault contact between the felsic intrusive and quartzofeldspathic schistose units. In addition, there does not appear to be any significant structures parallel to regional structure trends within the Ham claims block as hoped.

STRUCTURE

Although there was no visible indication either on the ground or on the aerial photos of Northwest trending structures crossing the claim group, the trend of deformation features present in all the rocks exposed were parallel to regional structure. Deformation of the granodiorite appears to have been very ductile as many of the megacrysts are stretched along the plane of foliation.

CONCLUSIONS AND RECOMMENDATIONS

The Ham claim group is underlain by a series of quartzofeldspathic schists which have been intruded by a Paleozoic megacrystic granodiorite. The entire group has subsequently undergone various degrees of both deformation and metamorphism.

Through a magnetometer survey, geologic mapping and aerial photography, we have determined; the intrusive nature of the schist/granodiorite contact, structural attitudes of deformation planes parallel to that of regional structure, and pyritic silicification along foliation.

Recommendations for future exploration work on the property would include extensive stream sediment and contour geochemistry and a trenching program about the granodiorite/schist contact. With the extensive brush cover present, a biogeochemistry program should be considered as well.

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REFERENCES

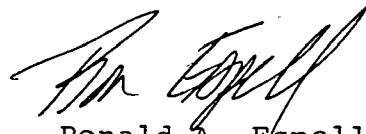
Debicki, R.L., 1985. Bedrock Geology and Mineralization of the Klondike Area (East), 115 O/9, 10, 11, 14, 15, 16 and 116 B/Z. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada. Open file. 1:50,000 scale map with marginal notes.

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STATEMENT OF QUALIFICATIONS

I, RONALD A. ESPELL, hereby certify that:

1. I am the Senior Geologist with Marshall Earth Resources, Inc., 720 Willow Street, Reno, Nevada.
2. I am a graduate of the California State University at Hayward (B.S. 1984). I have been involved in mineral exploration programs in Nevada, California, Arizona, British Columbia and the Yukon Territory.
3. The only interest I may have in these claims is strictly that of an employee of Marshall Earth Resources, Inc. I have no ownership in these claims or any owned by Marshall Earth Resources, Inc.
4. I am the author of the geologic report and aerial photograph interpretation and participated in the field work described in this report.



Ronald A. Espell, B.Sc.
March 23, 1988

092531

STATEMENT OF QUALIFICATIONS

I, R. Allan Doherty, hereby certify that:

1. I am a geologist with AURUM GEOLOGICAL CONSULTANTS INC of 604-675 West Hastings Street, Vancouver, B.C.
2. I am a graduate of the University of New Brunswick with a degree in Geology (Honours B.Sc. 1977) and have completed three years of graduate studies at Memorial University. I have been involved in mineral exploration and Government Survey mapping in the Yukon, British Columbia, Northwest Territories and Newfoundland & Labrador between 1975 and 1987.
3. I have no interest or ownership in the claims discussed in this report nor do I expect to obtain any.
4. I am the author of this report [REDACTED] and I participated in the field work described in this report.



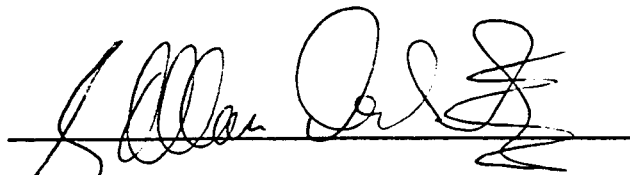
R. Allan Doherty, B.Sc.
November 9, 1987

092531

STATEMENT OF COSTS

1987 Assessment Valuation; HAM 1-331 claims, Dawson Mining District.

| | | |
|--|----------------------|------------------|
| 1. Labour | | |
| R.Allan Doherty, | 5 days @ \$300/day | \$1500.00 |
| R. Espell, | 4 days @ \$150/day | \$ 600.00 |
| T. Ballantyne | 1.5 days @ \$150/day | \$ 225.00 |
| T. Daley | 11 days @ \$175/day | \$1925.00 |
| 2. Aerial Photography, colour 1:20,000 scale | | \$9678.00 |
| 3. Grid Line-cutting, 25 line Km. | | \$8225.00 |
| 4. Helicopter, Capital Helicopters | | |
| 13 hrs @ \$630/hr | | \$8190.00 |
| 5. Magnetometer Rental + shipping | | \$ 934.00 |
| 6. Airfare Whitehorse to Dawson x3 | | \$ 615.00 |
| 7. Truck Rental | | \$ 594.00 |
| 8. Hotel, meals, Groceries | | <u>\$ 715.00</u> |
| | Total | \$33,201.00 |



R. Allan Doherty,
Aurum Geological Consultants Inc.

032531

A U R U M G E O L O G I C A L C O N S U L T A N T S I N C .

Client: Marshall Earth Resources Inc.

Claims: Ham #1; Mt. Burnham Area, Dawson M.D., Yukon

Instrument: Gem Systems GSM 8 Proton Magnetometer

North is +; South is -.

| ===== | | | | | | | | |
|-------|------|-------|------|-------|------|-------|------|-------|
| Line | | | | | | | | |
| | LOW | Value | L1W | Value | L2W | Value | L3W | Value |
| | 250 | 57749 | 250 | 57731 | 250 | 57776 | 250 | 57793 |
| | 225 | 57760 | 225 | 57731 | 225 | 57789 | 225 | 57788 |
| | 200 | 57748 | 200 | 57720 | 200 | 57791 | 200 | 57792 |
| | 175 | 57746 | 175 | 57724 | 175 | 57842 | 175 | 57788 |
| | 150 | 57749 | 150 | 57713 | 150 | 57795 | 150 | 57782 |
| | 125 | 57760 | 125 | 57700 | 125 | 57775 | 125 | 57920 |
| | 100 | 57751 | 100 | 57688 | 100 | 57764 | 100 | 57707 |
| | 75 | 57744 | 75 | 57693 | 75 | 57762 | 75 | 57795 |
| | 50 | 57738 | 50 | 57674 | 50 | 57771 | 50 | 57814 |
| | 25 | 57761 | 25 | 57676 | 25 | 57783 | 25 | 57806 |
| | 0 | 57822 | 0 | 57774 | 0 | 57807 | 0 | 57817 |
| | -25 | 57760 | -25 | 57677 | -25 | 57749 | -25 | 57802 |
| | -50 | 57759 | -50 | 57711 | -50 | 57786 | -50 | 57793 |
| | -75 | 57768 | -75 | 57704 | -75 | 57781 | -75 | 57800 |
| | -100 | 57864 | -100 | 57695 | -100 | 57780 | -100 | 57791 |
| | -125 | 57778 | -125 | 57768 | -125 | 57773 | -125 | 57801 |
| | -150 | 57769 | -150 | 57759 | -150 | 57777 | -150 | 57806 |
| | -175 | 57773 | -175 | 57736 | -175 | 57797 | -175 | 57803 |
| | -200 | 57769 | -200 | 57725 | -200 | 57793 | -200 | 57791 |
| | -225 | 57760 | -225 | 57730 | -225 | 57782 | -225 | 57818 |
| | -250 | 57751 | -250 | 57740 | -250 | 57804 | -250 | 57801 |
| ----- | | | | | | | | |
| | L4W | Value | L5W | Value | L6W | Value | L7W | Value |
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| | 225 | 57819 | 225 | 57831 | 225 | 57851 | 225 | 57833 |
| | 200 | 57822 | 200 | 57856 | 200 | 57900 | 200 | 57834 |
| | 175 | 57815 | 175 | 57821 | 175 | 57967 | 175 | 57851 |
| | 150 | 57817 | 150 | 57823 | 150 | 57853 | 150 | 57848 |
| | 125 | 57807 | 125 | 57820 | 125 | 57837 | 125 | 57841 |
| | 100 | 57810 | 100 | 57823 | 100 | 57840 | 100 | 57970 |
| | 75 | 57808 | 75 | 57821 | 75 | 57837 | 75 | 57842 |
| | 50 | 57813 | 50 | 57817 | 50 | 57845 | 50 | 57832 |
| | 25 | 57833 | 25 | 57809 | 25 | 57835 | 25 | 57865 |
| | 0 | 57829 | 0 | 57826 | 0 | 57830 | 0 | 57876 |
| | -25 | 57791 | -25 | 57820 | -25 | 57817 | -25 | 57859 |
| | -50 | 57784 | -50 | 57818 | -50 | 57819 | -50 | 57859 |
| | -75 | 57814 | -75 | 57824 | -75 | 57815 | -75 | 57843 |
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| | -125 | 57832 | -125 | 57823 | -125 | 57821 | -125 | 57846 |
| | -150 | 57811 | -150 | 57834 | -150 | 57833 | -150 | 57829 |
| | -175 | 57815 | -175 | 57820 | -175 | 57823 | -175 | 57839 |
| | -200 | 57804 | -200 | 57810 | -200 | 57829 | -200 | 57831 |
| | -225 | 57825 | -225 | 57749 | -225 | 57826 | -225 | 57832 |
| | -250 | 57810 | -250 | 57834 | -250 | 57830 | -250 | 57825 |
| ----- | | | | | | | | |
| | L8W | Value | L9W | Value | L10W | Value | L11W | Value |
| | 250 | 57780 | 250 | 57806 | 250 | 57820 | 250 | 57890 |

AURUM GEOLOGICAL CONSULTANTS INC.

Client: Marshall Earth Resources Inc.

Claims: Ham #1; Mt. Burnham Area, Dawson M.D., Yukon

Instrument: Gem Systems GSM B Proton Magnetometer

North is +; South is -.

| | | | | | | | |
|-------|-------|------|-------|------|-------|------|-------|
| 225 | 57802 | 225 | 57791 | 225 | 57823 | 225 | 57899 |
| 200 | 57811 | 200 | 57796 | 200 | 57821 | 200 | 57892 |
| 175 | 57822 | 175 | 57791 | 175 | 57829 | 175 | 57881 |
| 150 | 57819 | 150 | 57815 | 150 | 57805 | 150 | 57867 |
| 125 | 57823 | 125 | 57810 | 125 | 57782 | 125 | 57854 |
| 100 | 57833 | 100 | 57816 | 100 | 57791 | 100 | 57852 |
| 75 | 57829 | 75 | 57811 | 75 | 57791 | 75 | 57896 |
| 50 | 57822 | 50 | 57830 | 50 | 57800 | 50 | 57847 |
| 25 | 57849 | 25 | 57815 | 25 | 57805 | 25 | 57846 |
| 0 | 57836 | 0 | 57834 | 0 | 57803 | 0 | 57810 |
| -25 | 57831 | -25 | 57835 | -25 | 57811 | -25 | 57837 |
| -50 | 57839 | -50 | 57834 | -50 | 57808 | -50 | 57842 |
| -75 | 57841 | -75 | 57848 | -75 | 57823 | -75 | 57834 |
| -100 | 57847 | -100 | 57805 | -100 | 57826 | -100 | 57848 |
| -125 | 57846 | -125 | 57800 | -125 | 57818 | -125 | 57832 |
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| 225 | 57909 | 225 | 58340 | 225 | 57903 | 225 | 57900 |
| 200 | 57894 | 200 | 57930 | 200 | 57902 | 200 | 57870 |
| 175 | 57871 | 175 | 57877 | 175 | 57934 | 175 | 57893 |
| 150 | 57873 | 150 | 57872 | 150 | 58010 | 150 | 57893 |
| 125 | 57869 | 125 | 57870 | 125 | 58183 | 125 | 57910 |
| 100 | 57878 | 100 | 57871 | 100 | 57985 | 100 | 57935 |
| 75 | 57830 | 75 | 57869 | 75 | 57920 | 75 | 58024 |
| 50 | 57850 | 50 | 57838 | 50 | 57862 | 50 | 58800 |
| 25 | 57874 | 25 | 57837 | 25 | 57854 | 25 | 57968 |
| 0 | 57894 | 0 | 57832 | 0 | 57854 | 0 | 57914 |
| -25 | 57835 | -25 | 57845 | -25 | 57824 | -25 | 57865 |
| -50 | 57824 | -50 | 57821 | -50 | 57863 | -50 | 57921 |
| -75 | 57830 | -75 | 57897 | -75 | 57873 | -75 | 57884 |
| -100 | 57818 | -100 | 57816 | -100 | 57819 | -100 | 57871 |
| -125 | 57843 | -125 | 57811 | -125 | 57829 | -125 | 57891 |
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| -200 | 57858 | -200 | 57831 | -200 | 57820 | -200 | 57860 |
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| ----- | | | | | | | |
| L16W | Value | L17W | Value | L18W | Value | L19W | Value |
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| 225 | 57891 | 225 | 57933 | 225 | 57920 | 225 | 57855 |
| 200 | 57883 | 200 | 57892 | 200 | 57929 | 200 | 57899 |
| 175 | 57880 | 175 | 57902 | 175 | 57990 | 175 | 57914 |

092531

AURUM GEOLOGICAL CONSULTANTS INC.

Client: Marshall Earth Resources Inc.

Claims: Ham #1; Mt. Burnham Area, Dawson M.D., Yukon

Instrument: Gem Systems GSM B Proton Magnetometer

North is +; South is -.

| | | | | | | | |
|------|-------|------|-------|------|-------|------|-------|
| 150 | 57878 | 150 | 57921 | 150 | 57917 | 150 | 57898 |
| 125 | 57882 | 125 | 57936 | 125 | 57924 | 125 | 57950 |
| 100 | 57903 | 100 | 57912 | 100 | 57950 | 100 | 57956 |
| 75 | 57932 | 75 | 57911 | 75 | 57945 | 75 | 58076 |
| 50 | 57907 | 50 | 57901 | 50 | 57956 | 50 | 57952 |
| 25 | 57928 | 25 | 57927 | 25 | 57972 | 25 | 58001 |
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| -50 | 57989 | -50 | 58000 | -50 | 57936 | -50 | 57936 |
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| L20W | Value |
|------|-------|
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| 200 | 57818 |
| 175 | 57825 |
| 150 | 57813 |
| 125 | 57832 |
| 100 | 57829 |
| 75 | 57864 |
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| -25 | 57897 |
| -50 | 57898 |
| -75 | 58005 |
| -100 | 57994 |
| -125 | 57930 |
| -150 | 57912 |
| -175 | 57908 |
| -200 | 57992 |
| -225 | 57898 |
| -250 | 57870 |

Baseline

| BL | Value | BL | Value | BL | Value | BL | Value |
|-----|-------|-----|-------|------|-------|------|-------|
| 0 | 57822 | 525 | 57804 | 1050 | 57775 | 1575 | 58242 |
| 25 | 57798 | 550 | 57815 | 1075 | 57775 | 1600 | 57937 |
| 50 | 57795 | 575 | 57803 | 1100 | 57810 | 1625 | 57937 |
| 75 | 57795 | 600 | 57830 | 1125 | 57796 | 1650 | 57964 |
| 100 | 57774 | 625 | 57811 | 1150 | 57787 | 1675 | 57968 |
| 125 | 57795 | 650 | 57830 | 1175 | 57784 | 1700 | 57946 |

AURUM GEOLOGICAL CONSULTANTS INC.

Client: Marshall Earth Resources Inc.

Claims: Ham #1; Mt. Burnham Area, Dawson M.D., Yukon

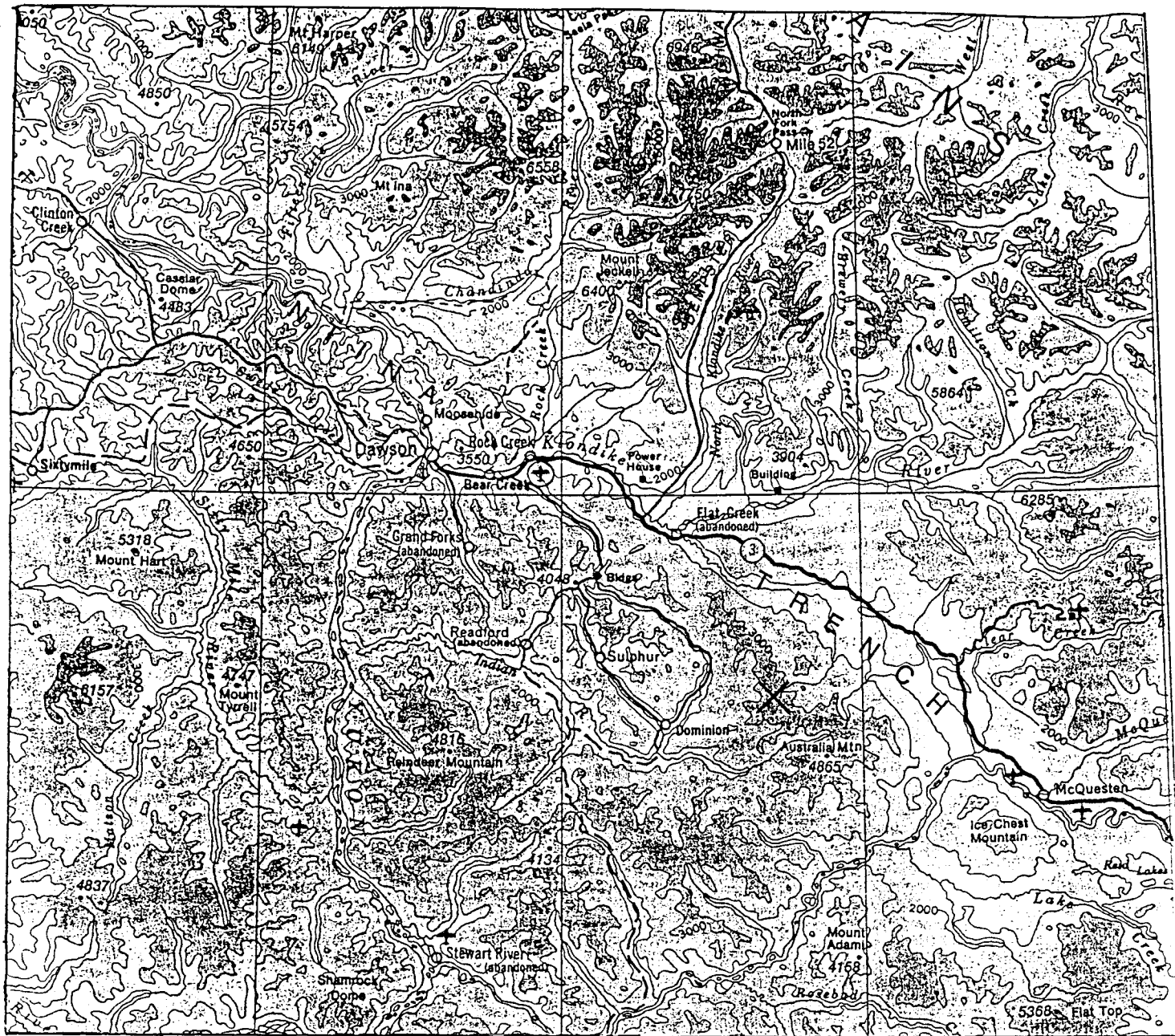
Instrument: Gem Systems GSM 8 Proton Magnetometer

North is +; South is -.

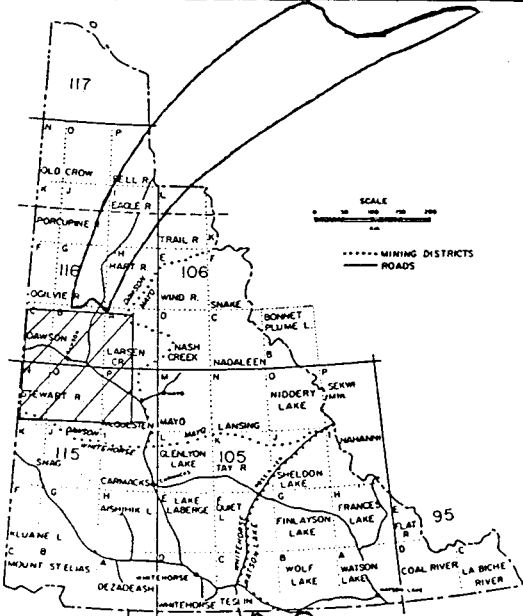
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| | | | | | | | |
|-----|-------|------|-------|------|-------|------|-------|
| 150 | 57801 | 675 | 57820 | 1200 | 57894 | 1725 | |
| 175 | 57806 | 700 | 57876 | 1225 | 57818 | 1750 | |
| 200 | 57807 | 725 | 57835 | 1250 | 57810 | 1775 | |
| 225 | 57812 | 750 | 57826 | 1275 | 57807 | 1800 | 57953 |
| 250 | 57813 | 775 | 57813 | 1300 | 57832 | 1825 | |
| 275 | 57830 | 800 | 57836 | 1325 | 57821 | 1850 | |
| 300 | 57817 | 825 | 57837 | 1350 | 57820 | 1875 | |
| 325 | 57803 | 850 | 57830 | 1375 | 57825 | 1900 | 58036 |
| 350 | 57805 | 875 | 57821 | 1400 | 57854 | 1925 | |
| 375 | 57797 | 900 | 57834 | 1425 | 57817 | 1950 | |
| 400 | 57829 | 925 | 57796 | 1450 | 57883 | 1975 | |
| 425 | 57867 | 950 | 57795 | 1475 | 57928 | 2000 | 57908 |
| 450 | 57799 | 975 | 57795 | 1500 | 57914 | | |
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| 500 | 57826 | 1025 | 57787 | 1550 | 57928 | | |

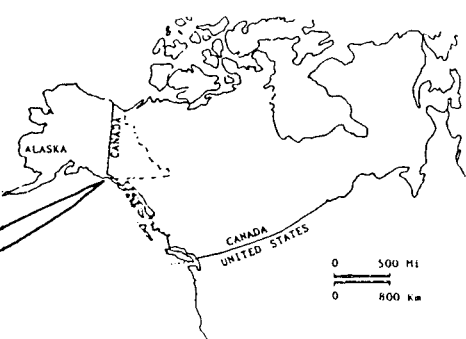
092531



Kilometres 10 5 0 10 20 30 40 50 60 70 80 90 100 110

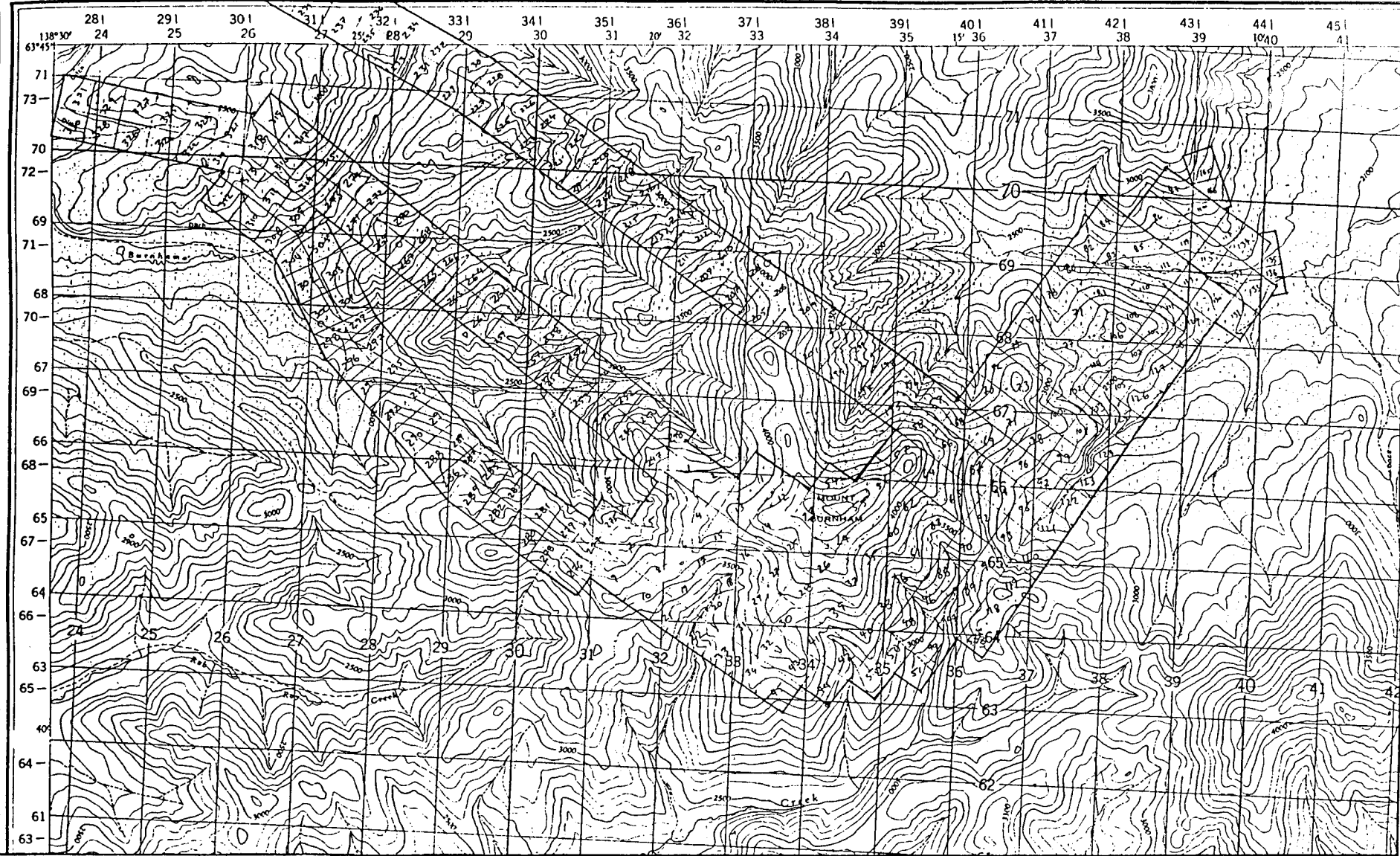


| | | |
|---------------------------------------|--------------------------|-----------------------------------|
| <h1>LOCATION MAP</h1> | | |
| SCALE: 1:1,000,000 | APPROVED BY RE | DRAWN BY <i>MV</i> |
| DATE: 3/23/88 | | |
| MARSHALL EARTH RESOURCES, INC. | | |
| HAM CLAIMS REPORT | | DRAWING NUMBER <i>Figure 1</i> |



0 500 MI
0 800 KM

9501



CLAIM MAP

SCALE:

DATE: 3/23/88

APPROVED BY

RE

DRAWN BY MV

MARSHALL EARTH RESOURCES, INC.

HAM CLAIMS REPORT

DRAWING NUMBER

Fig 2

115 0/9

PROVISIONAL MAP

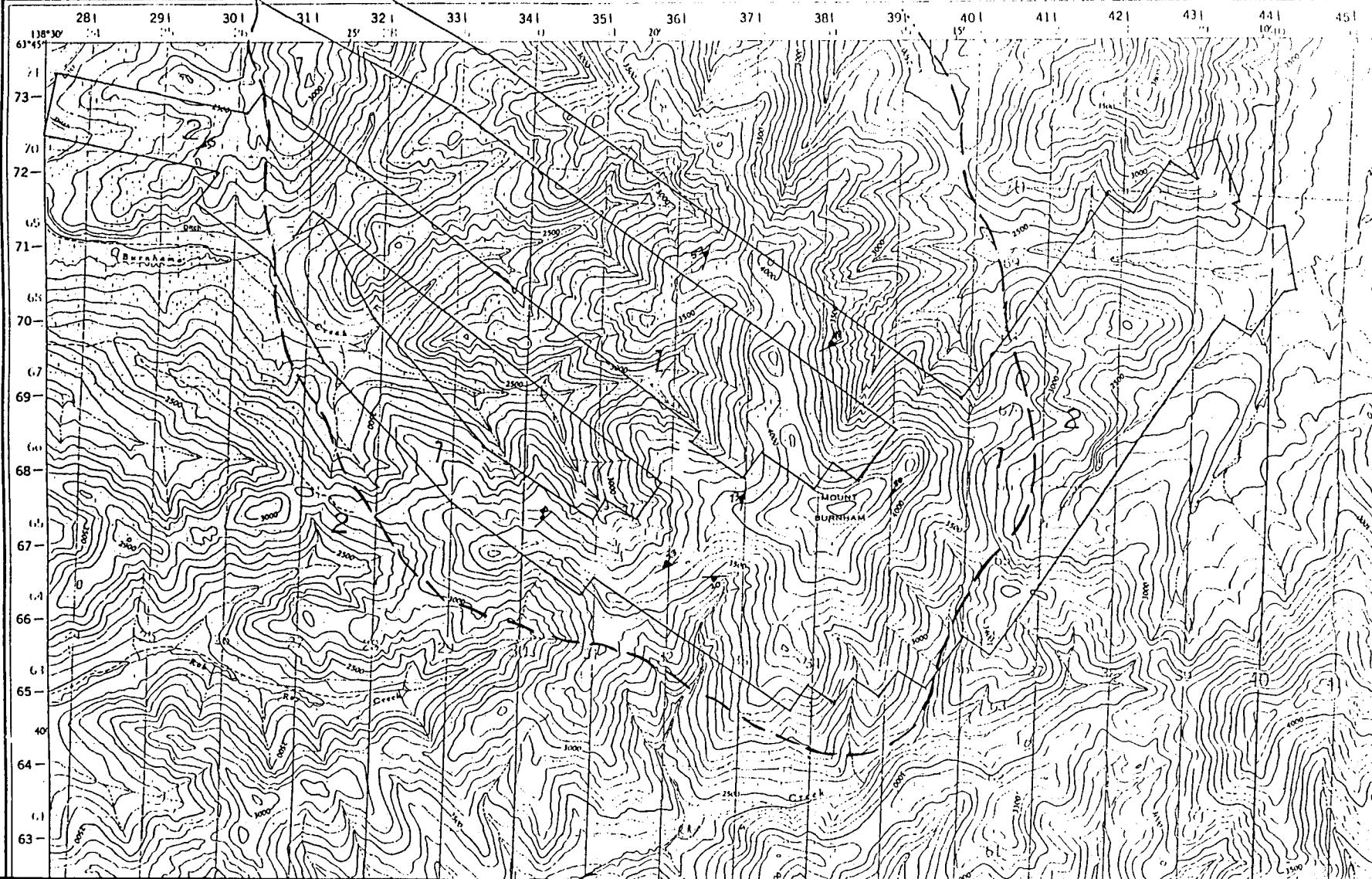
115 O/9

1:50,000

CANADA

Refer to
this map as

115 O-9
EDITION 1 ASST
SERIES A 722



Metres 1000 500 0 1000 2000 3000 4000 Metres

ROCK TYPES

- ① PALEOZOIC
MEGACRYSTIC GRANODIORITE
- ② QUARTZOFELDSPATHIC
SCHISTS

LEGEND

- Claim Boundary
- - - Geological Contact
- ↘ Strike and Dip of Foliation
- ↘ Strike and Dip of Jointing

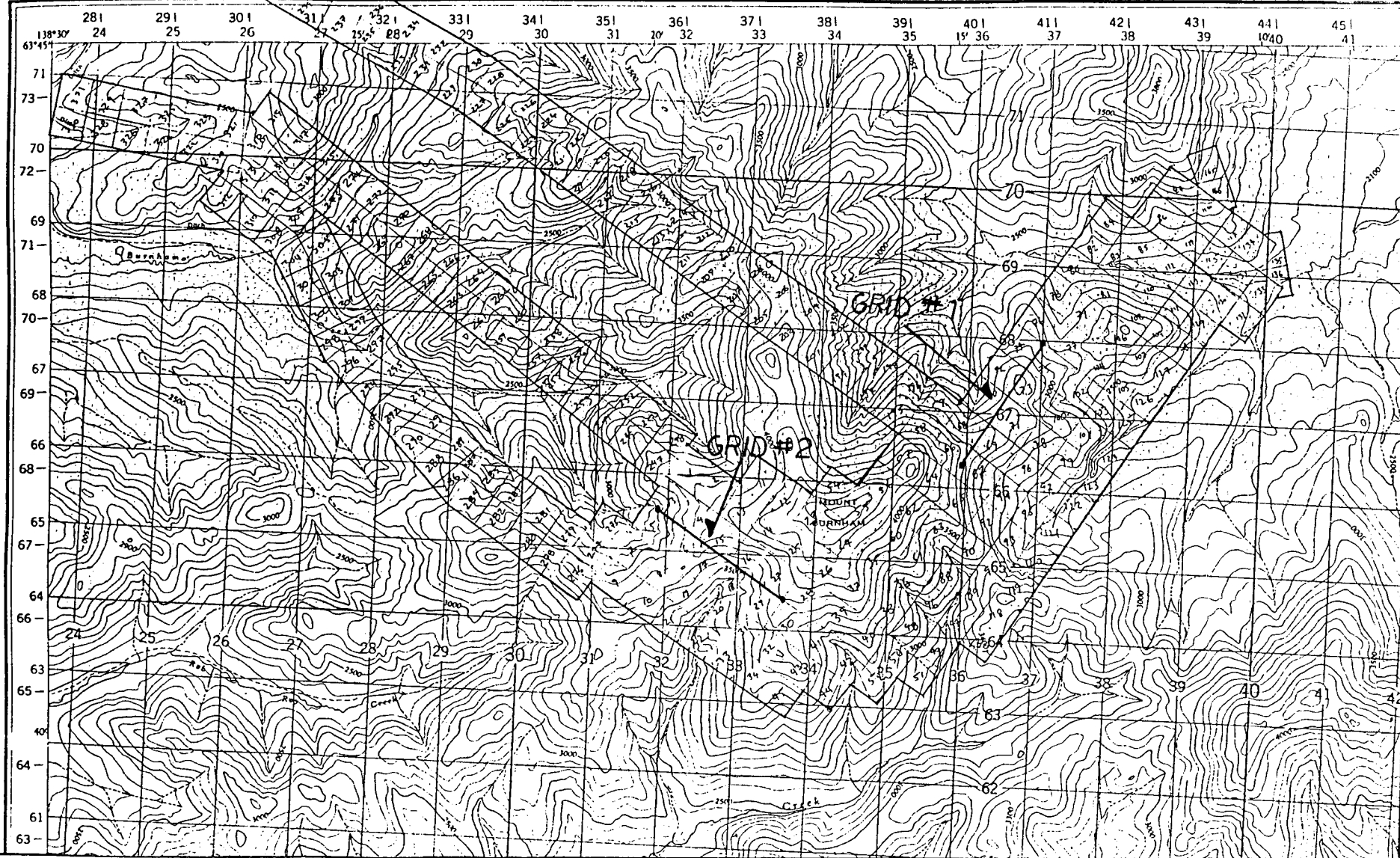
GEOLOGIC MAP

| | | |
|---------------|-------------------|----------------|
| SCALE: | APPROVED BY RE | DRAWN BY MV |
| DATE: 3/23/88 | | |

MARSHALL EARTH RESOURCES, INC.

LAM CLAIM REPORT DRAWING NUMBER
F. 3

115 O/9



LOCATION MAP OF GEOPHYSICAL LINES

SCALE:

DATE: 3/23/88

APPROVED BY

RE

DRAWN BY MV

MARSHALL EARTH RESOURCES, INC.

HAM CLAIMS REPORT

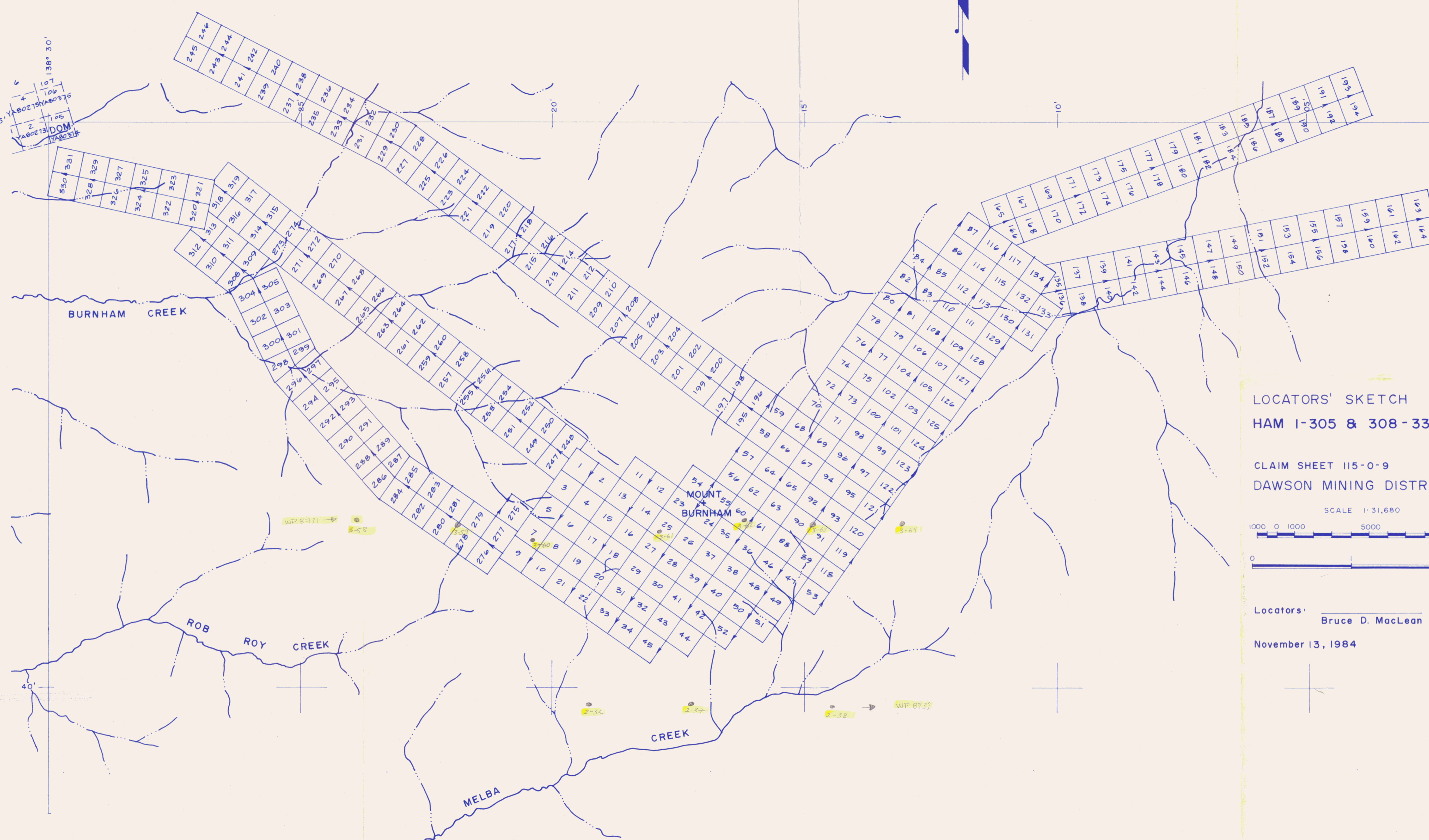
DRAWING NUMBER

igu

02591

63° 45' 138° 30'

63° 45' 138° 00'



LOCATORS' SKETCH
 HAM I-305 & 308-331 QUARTZ CLAIMS

CLAIM SHEET 115-0-9
 DAWSON MINING DISTRICT

SCALE 1:31,680
 0 1000 2000 5000 10000 FEET

0 1 2 MILE

677

Locators: Bruce D. MacLean Kelvin A. Lanigan

November 13, 1984

Underhill & Underhill
 Engineers & Surveyors
 Vancouver, B.C.
 Whitehorse, Y.T.
 Hay River, N.W.T.

092531



AURUM GEOLOGICAL CONSULTANTS INC.

Head Office: 604 - 675 West Hastings Street, Vancouver, B.C., Canada V6B 1N2
Yukon Office: P.O. Box 5179, Whitehorse, Yukon, Canada Y1A 4S3

Telephone (604) 683-9656
Telephone (403) 667-4168

September 28, 1988
Whitehorse, Yukon

Notes on Airphoto Interpretation, HAM Claims, Dawson Mining District.

The 1: 20,000 scale colour airphotos have good resolution and clarity however the area of interest has heavy vegetation cover and geological structures and contacts are obscured.

The higher ridges about Mount Burnham are underlain by resistive weathering outcrops of coarse grained granitic gneiss and these outcrop areas are visible on the photos. The contact areas of the intrusives are not visible.

A number of north, northeast and northwest linears are visible as weak depressions, vegetation changes or as strong rectilinear drainage patterns.

The depth of overburden on high ground appears to be relatively shallow. In the valleys, vegetation cover precludes any accurate estimate.

Aurum Geological Consultants Inc.

A handwritten signature in black ink, appearing to read 'R. Allan Doherty', is written over the typed name.

R. Allan Doherty

5667

WP8731-2-36



5.6.6.8



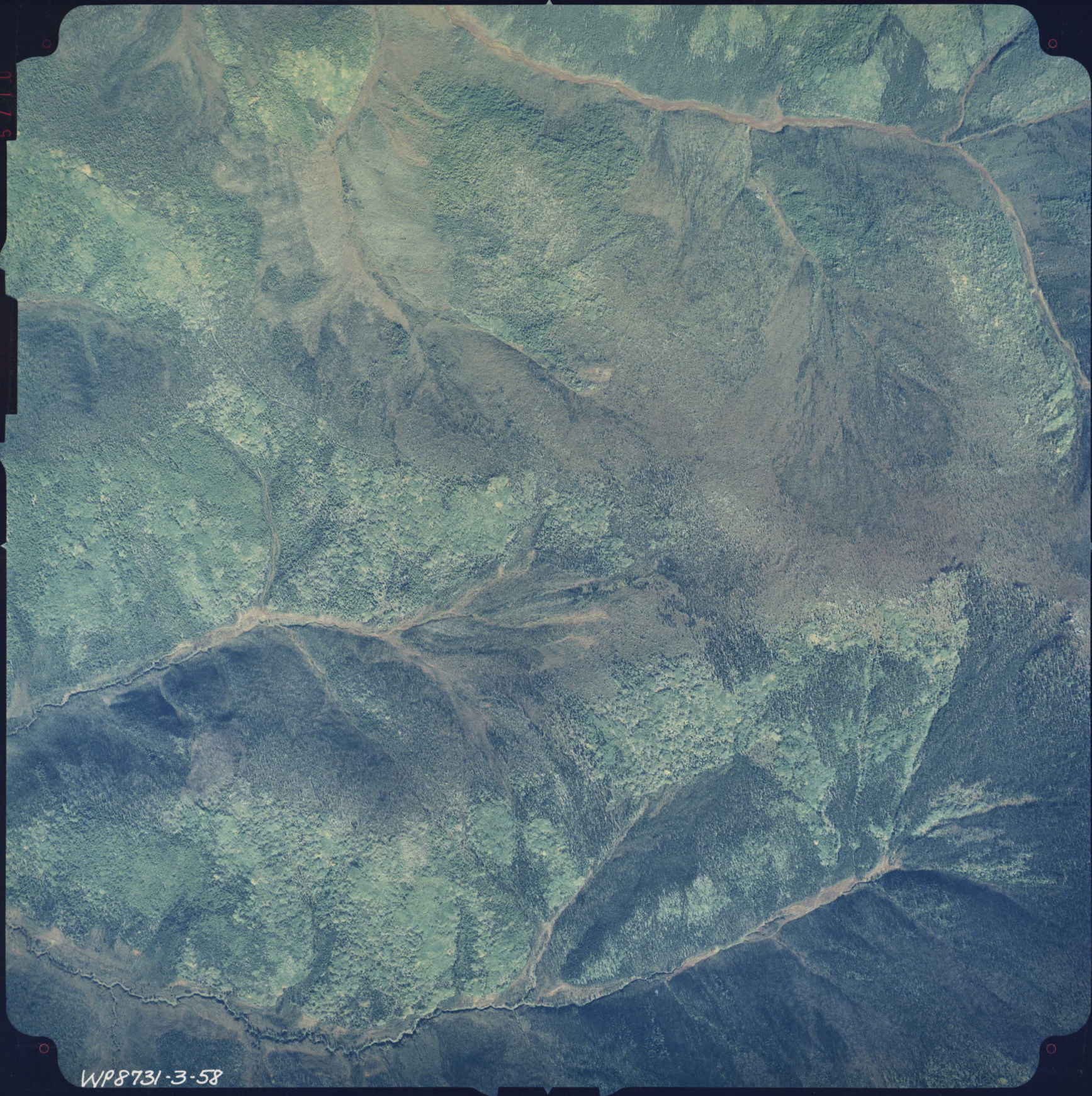
WP8731-2-37

5.6.6.9



WP 8731-2.38

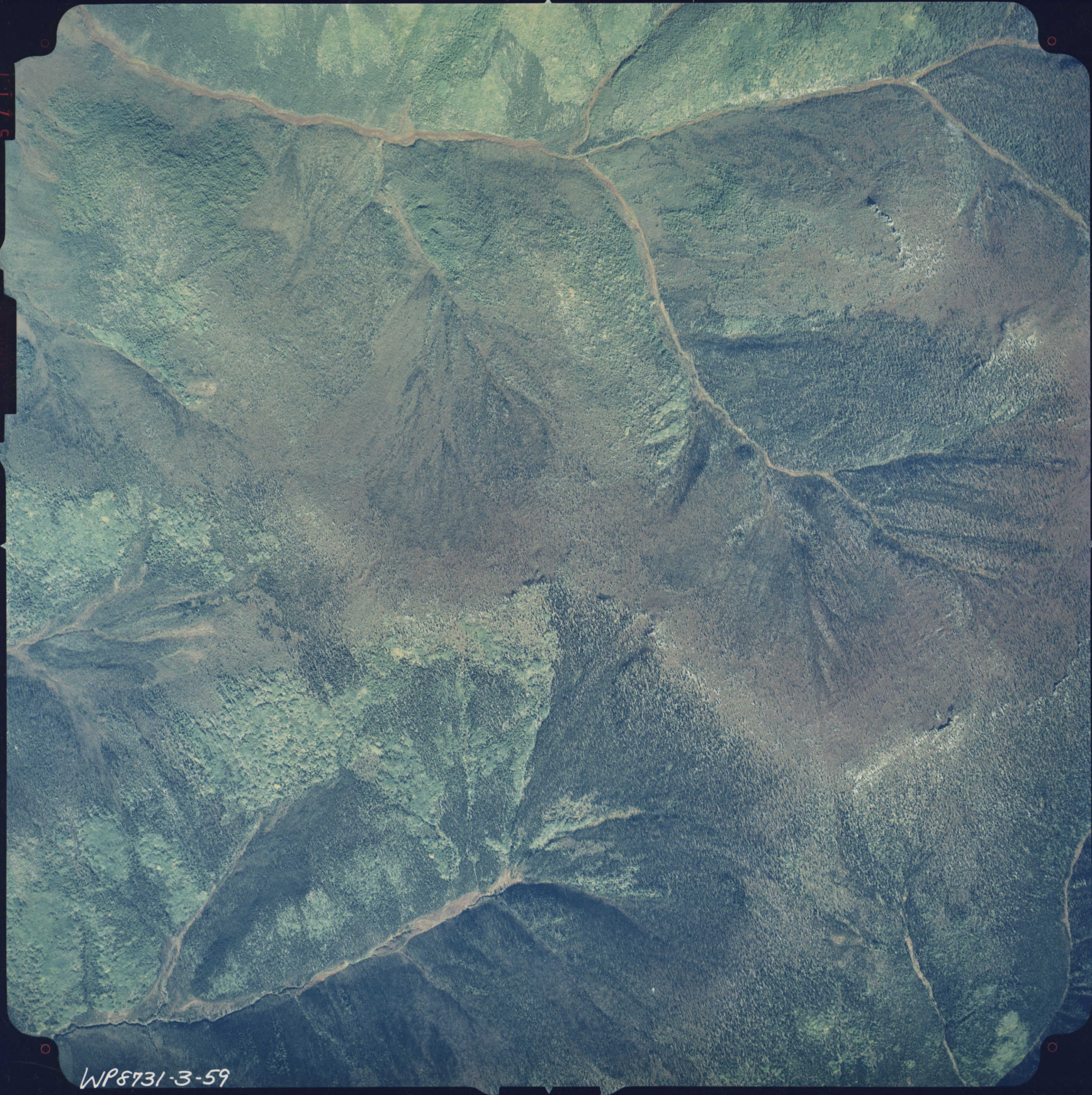
5710



WP8731-3-58



5711



WP8731-3-59



5712



WP8731-3-60

5713

WP8731-3-61



5714

WP8731-3-62



5715

WP8731-3-63



5716

WP8731-3-64



183

