

ARIS SUMMARY SHEET

District Geologist, Nelson

Off Confidential: 91.10.09

ASSESSMENT REPORT 20357

MINING DIVISION: Nelson

PROPERTY: Brandy No. 2
LOCATION: LAT 49 12 45 LONG 117 24 40
UTM 11 5450941 470057
NTS 082F03W
CAMP: 004 Ymir - Nelson Area
CLAIM(S): Brandy 2
OPERATOR(S): Anderson, D.W.
AUTHOR(S): Anderson, D.W.
REPORT YEAR: 1990, 19 Pages
COMMODITIES
SEARCHED FOR: Lead, Zinc, Silver
KEYWORDS: Jurassic, Elise Formation, Andesites, Tuffs
WORK
DONE: Geophysical, Geochemical, Prospecting
PROS 15.0 ha

LOG NO: 10-12	RD.
ACTION:	
FILE NO:	

REPORT ON THE BRANDY 2 MINERAL CLAIM

ERIE MOUNTAIN

NELSON MINING DIVISION

BRITISH COLUMBIA

COVERING: RECORD NO. 4891(11)

LOCATED: LATITUDE: 49 DEG. 12 MIN. 50 SEC.
LONGITUDE: 117 DEG. 24 MIN. 40 SEC.

OWNED BY: D.W. ANDERSON

DATE SUBMITTED: OCT. 9, 1990

PREPARED BY: D.W. ANDERSON

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,357

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A. INTRODUCTION

1. The Brandy 2 claims are situated in the Erie Creek mining area. They can be reached by driving south from Salmo, along Highway 3A to the Trail-Castlegar junction. Proceed towards Castlegar for approximately 2 KM then proceed up the Benton Creek logging road for 2.5 KM. Turn towards Erie Mountain and continue for 500 meters. Brandy 2 initial post is at headwaters of Benton Creek. The geographic location of this claim is Latitude 49deg 12min 50sec and longitude 117deg 24min 40sec.
2. The property consists of one claim 500 meters x 1500 meters. Most of the property is covered with overburden, therefore, the VLF-EM was used to explore and isolate potential mineralized zones. The claims according to the Geology map 1145A, Salmo, lie mostly in the Volcanic Elise Formation and the Nelson Plutonics. A Monzonite outcrop running south-west from Erie Mountain gave strong and variable local attraction of the compass needle which would indicate mineralization. (Walker, 1934, Memoirs 172) A magnetic low is situated immediately north of the Erie Mountain peak which could also indicate possible mineralized zones.
3. The people involved in the program on the claims:
 - a) John R. Landis, has been involved in prospecting, mining, diamond drilling, and geophysical surveys. He has taken geology courses at Selkirk College, and prospecting courses at the Chamber of Mines in Nelson. He was responsible for the VLF-EM Sabre 27 surveys.
 - b) Wayne Anderson, has taken geology courses at Selkirk College and a prospecting course at the Chamber of Mines in Nelson. He has been interested and involved in prospecting for the past few years.
4. Brief History:

Most of the activity in the Erie Creek area was on the Eastern slopes with past producing mines such as the Arlington and

Second Relief. On the west slopes of Erie Creek, in the headwaters of Skillet Creek, Mackay Creek and Benton Creek, there is evidence of early activity with shallow workings. There are good lead and zinc showings, which appear to run in a north-south direction. Because of similar geological structures on both sides of the creek it is feasible that mineralization could also be found on the west side.

B. Summary of work done:

The geophysical survey was done to locate any possible anomalies or changes in the geological structures under the overburden. Lines and surveys were established along the north side of the claim. Various other miscellaneous areas were also surveyed. The Hawaii station was used and readings were at 25 meter intervals. Soil samples were collected every 50 meters.

C. Technical data:

This VLF-EM survey was done to locate the extent of anomalies indicated on a previous survey along the south boundary of this claim. A fault line running diagonally through this property also required further scrutiny. Readings and graphs are attached.

D. Authors Qualifications:

- 1) Qualifications of major participant J.R.Landis.
- 2) Qualifications of author D.W.Anderson.

E) References:

- 1) Walker, J.F.. Geology and Mineral Deposits of Salmo Map Area, British Columbia; Geological Survey, Canada, Memoir 172.
- 2) Map 1145A, Geology, Salmo. B.C.. 1964.

F. Itemized Cost Statement:

1. Vehicles: four wheel drive fuel & maintenance		
	3 x \$40/day	\$120
2. Geophysical Operator		
	2 x 200/day	\$400
Field Assistant		
	2 x 150/day	\$300
3. Equipment & Field Supplies		
Flagging, Sample bags, etc.		\$20
VLF-EM	2 x 50/day	\$100
4. Soil Samples		
Prospector	1 x 150/day	\$150
Assistant	1 x 100/day	\$100
5. Food	6 x 10/day	\$60
6. Report Preparation		\$100

	TOTAL	\$1350

CERTIFICATE OF QUALIFICATIONS

I, D.WAYNE ANDERSON, certify that I have assisted in Geophysical surveys of mining properties.

This involved survey work, staking, VLF Electromagnetic method, and the self potential method.

I have taken a Secondary School Geology 12 Correspondence course, a geology course from Leslie Anderton at Selkirk College, and a prospectors course at the Chamber of Mines, Nelson, B.C.

Until recently, I was employed as an Engineering technologist. I have some knowledge and experience in the exploration of mining properties and I plan to pursue my interests in this field.

DATED AT CASTLEGAR, B.C. THIS 16th DAY OF AUGUST, 1990.

D.W. Anderson

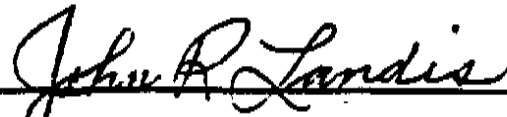
D.W. ANDERSON

CERTIFICATE OF QUALIFICATIONS

I, JOHN R. LANDIS, of the City of Castlegar, certify that:

1. I successfully completed the Prospector's Course in Nelson, B. C., sponsored by the Chamber of Mines and presented by George Addie, District Geologist and other specialists in the mining field.
2. I am a member of the Chamber of Mines, B. C.
3. I took a geology course from Leslie Anderton at Selkirk College.
4. I have worked as a diamond driller for T. Connors in the early 50's.
5. I have a Bachelor of Education degree from the University of British Columbia, Vancouver, B. C. 1964 and obtained a Masters of Education degree from Eastern Washington University in 1970. I also hold a Masters of Arts degree in Psychology and Counselling from International College, Los Angeles, U.S.A.
6. Although I have been in the teaching profession for the past 32 years as a teacher, principal and now psychometrician, I have also spent part of my life in the mining field in Salmo, B. C., Part Radium, N.W.T., and Paulson, B.C., so have some knowledge and experience in the mining industry.

DATED AT CASTLEGAR, B. C. this fourteenth day of November 1988.



JOHN R. LANDIS, B.Ed, M.Ed., M.A.
Prospector

BRANDY NO.2 - 100190 - AUGUST 29, 1990
 VLF NORTH LINE *from LEGAL CORNER S 1 - E 3. DIN 740. STATION-HAWAII
 OBTAINED SOIL SAMPLES EVERY 50 METERS
 START 8:00 AM, FINISHED 5:00 PM
 PRESENT - J. LANDIS, W. ANDERSON
 PROCEEDED EAST FOR 1500 METERS - BLAZED TRAIL - VLF EVERY 25 METERS

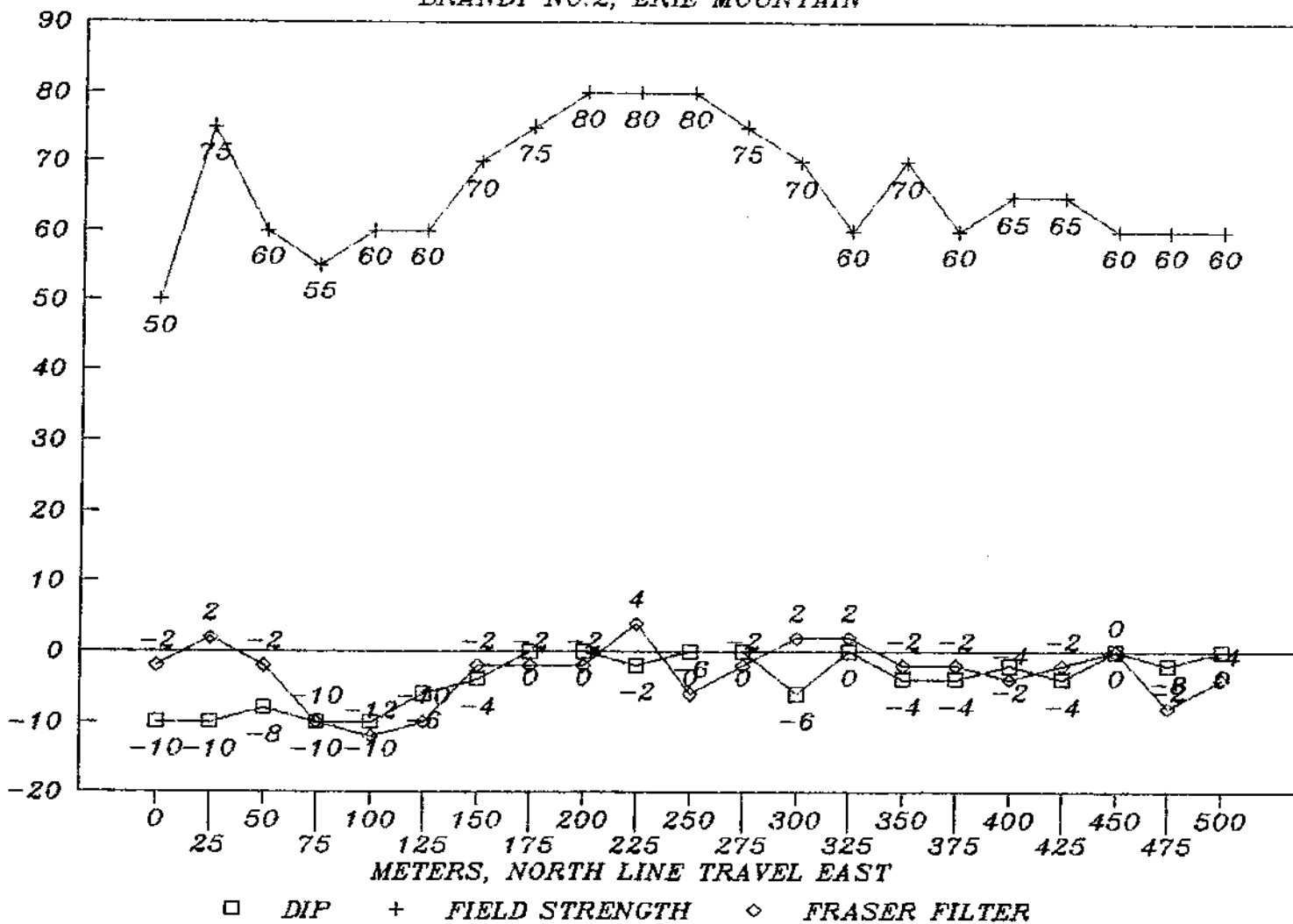
DIST	DIP	FIELD STRENGTH	FRASER FILTER	COMMENTS
0	-10	50	-2	EL 3750
25	-10	75	2	MACHINE ERATIC
50	-8	60	-2	
75	-10	55	-10	CROSS ROAD
100	-10	60	-12	
125	-6	60	-10	
150	-4	70	-2	CROSS ROAD
175	0	75	-2	
200	0	80	-2	
225	-2	80	4	
250	0	80	-6	
275	0	75	-2	MANY EXPLORTAION HOLES
300	-6	70	2	
325	0	60	2	
350	-4	70	-2	
375	-4	60	-2	
400	-2	65	-4	
425	-4	65	-2	
450	0	60	0	
475	-2	60	-8	
500	0	60	-4	EL 4100
525	2	60	0	
550	4	60	-6	DIGGING
575	2	50	-12	
600	4	70	-8	
625	8	70	-4	OLD DIGGING
650	10	70	0	LOGGING
675	10	80	0	
700	12	80	-6	
725	8	80	-4	
750	14	65	-8	IN OLD WORKING
775	12	80	-4	
800	14	80	14	SLASH, MACHINE ERATIC
825	20	100	14	MACHINE ERATIC
850	10	100	8	
875	10	100	6	
900	6	100	4	
925	6	100	2	
950	4	100	2	
975	4	100	+6	
1000	4	100	10	
1025	2	100	14	OLD WORKING
1050	0	100	12	
1075	-4	100	10	

1100	-6	100	-12	
1125	-10	90	-22	
1150	-10	80	+8	
1175	6	90	+14	
1200	-4	85	-8	
1225	-8	80	-12	
1250	-4	60	0	RAVINE-EL 4750
1275	0	60	+6	
1300	0	60	4	
1325	-4	70	10	
1350	-2	60	8	
1375	-6	60	-8	
1400	-10	60	-12	
1425	-6	80	-2	
1450	-2	75	0	
1475	-2	80	-6	
1500	-4	100	-4	

VLF-EM SURVEY

BRANDY NO. 2, ERIE MOUNTAIN

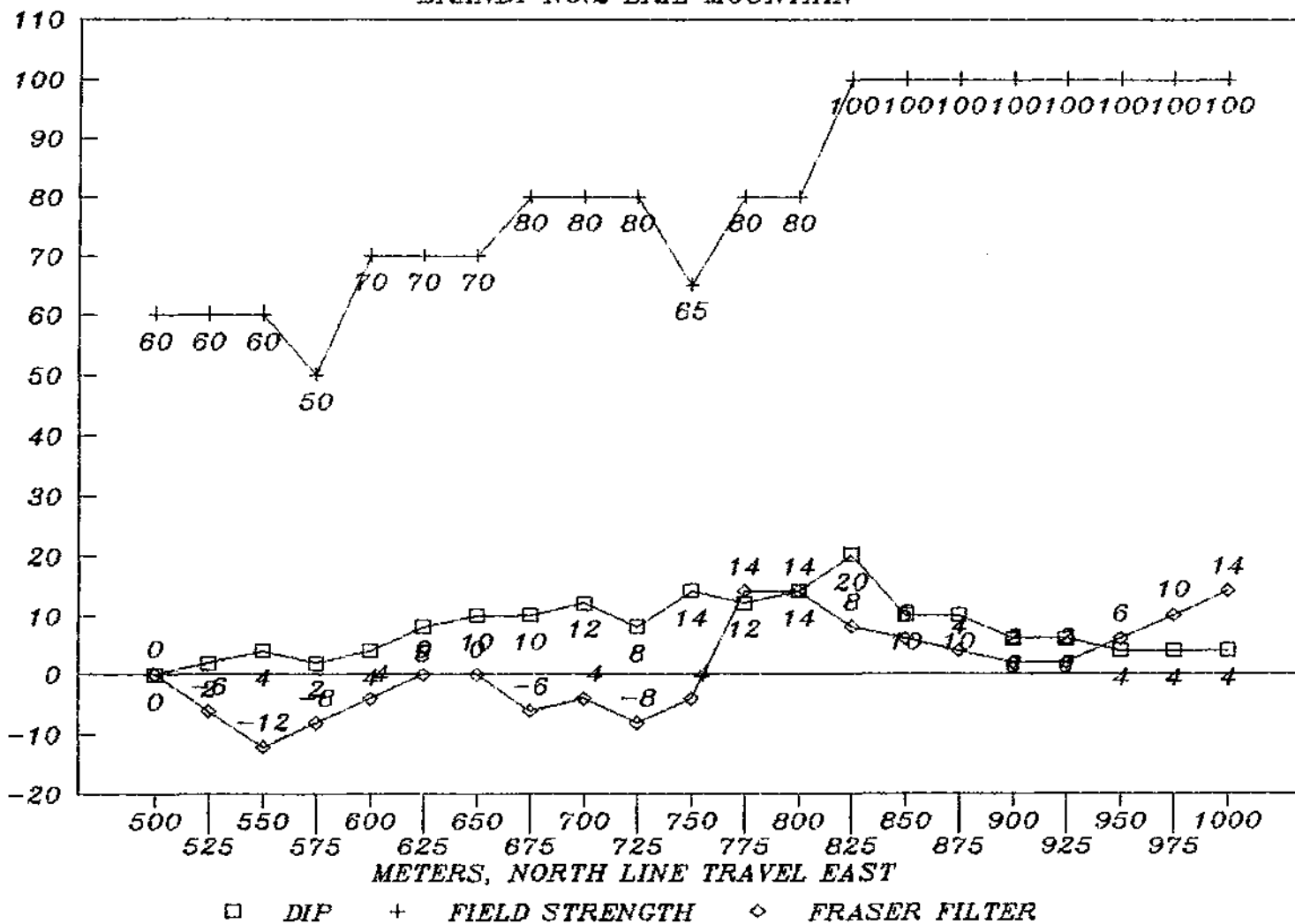
HAWAII



VLF-EM SURVEY

BRANDY NO.2 ERIE MOUNTAIN

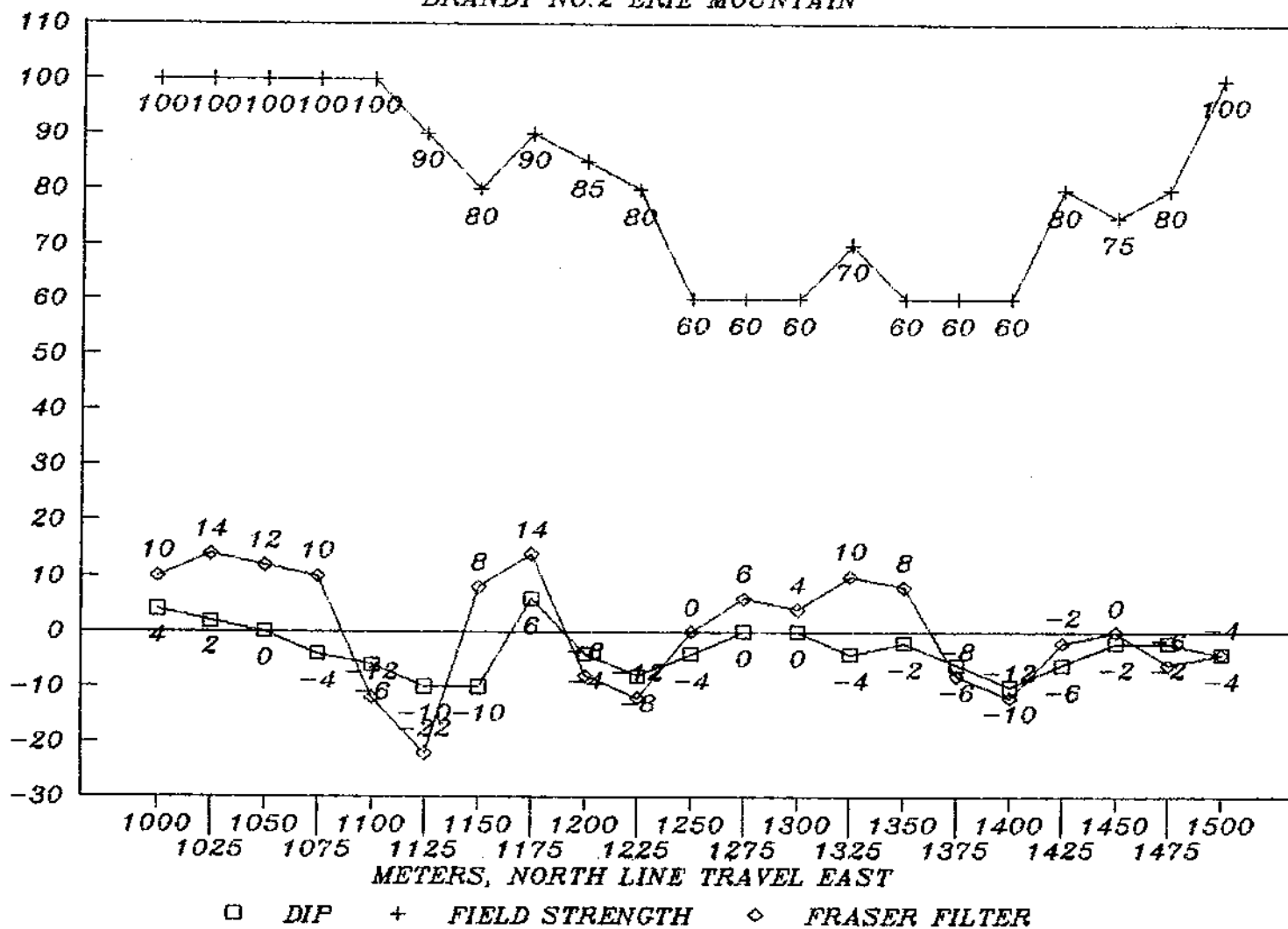
HAWAII

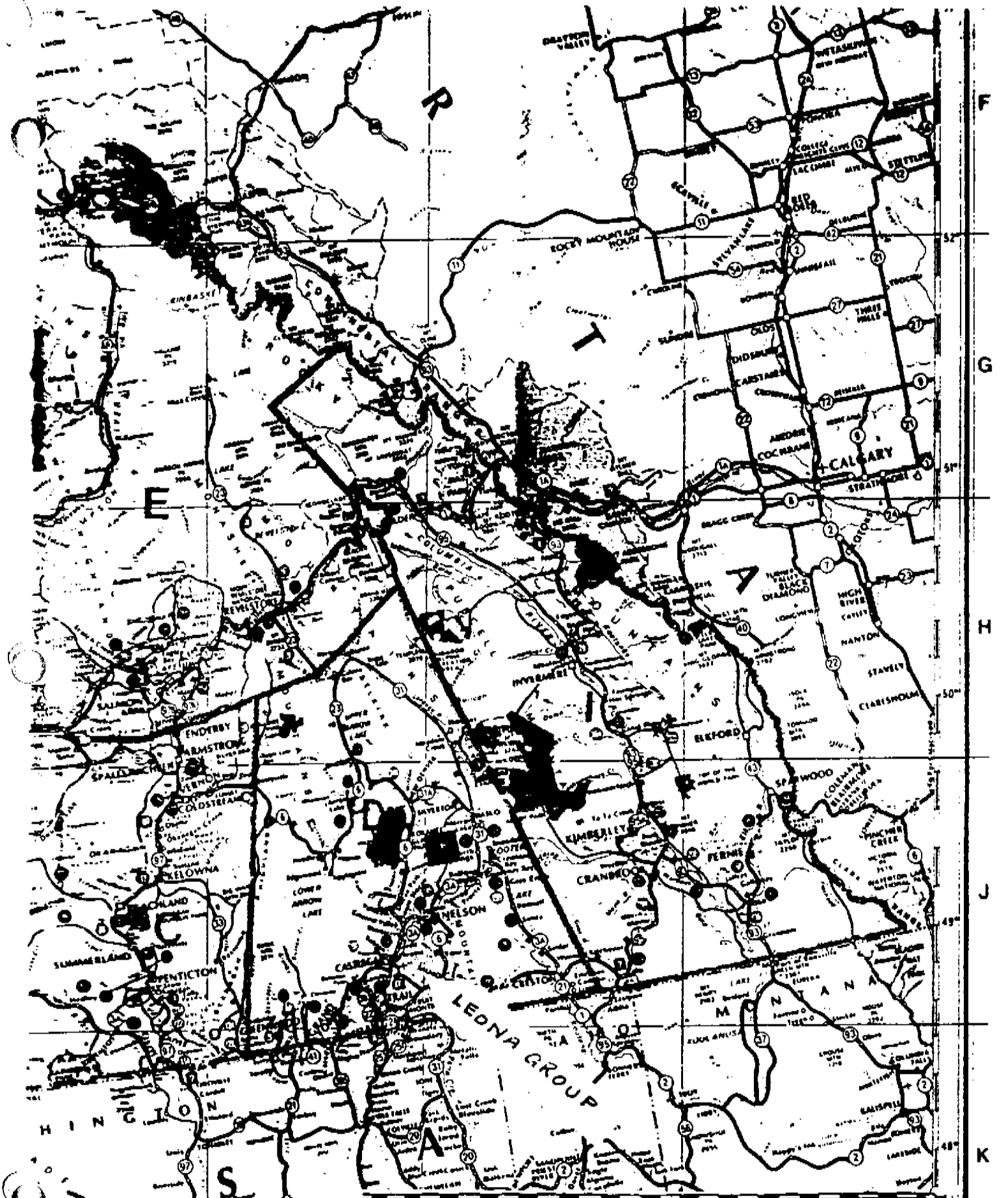


VLF-EM SURVEY

BRANDY NO.2 ERIE MOUNTAIN

HAWAII





BRITISH COLUMBIA

Road Map and Parks Guide

SCALE 1:250,000

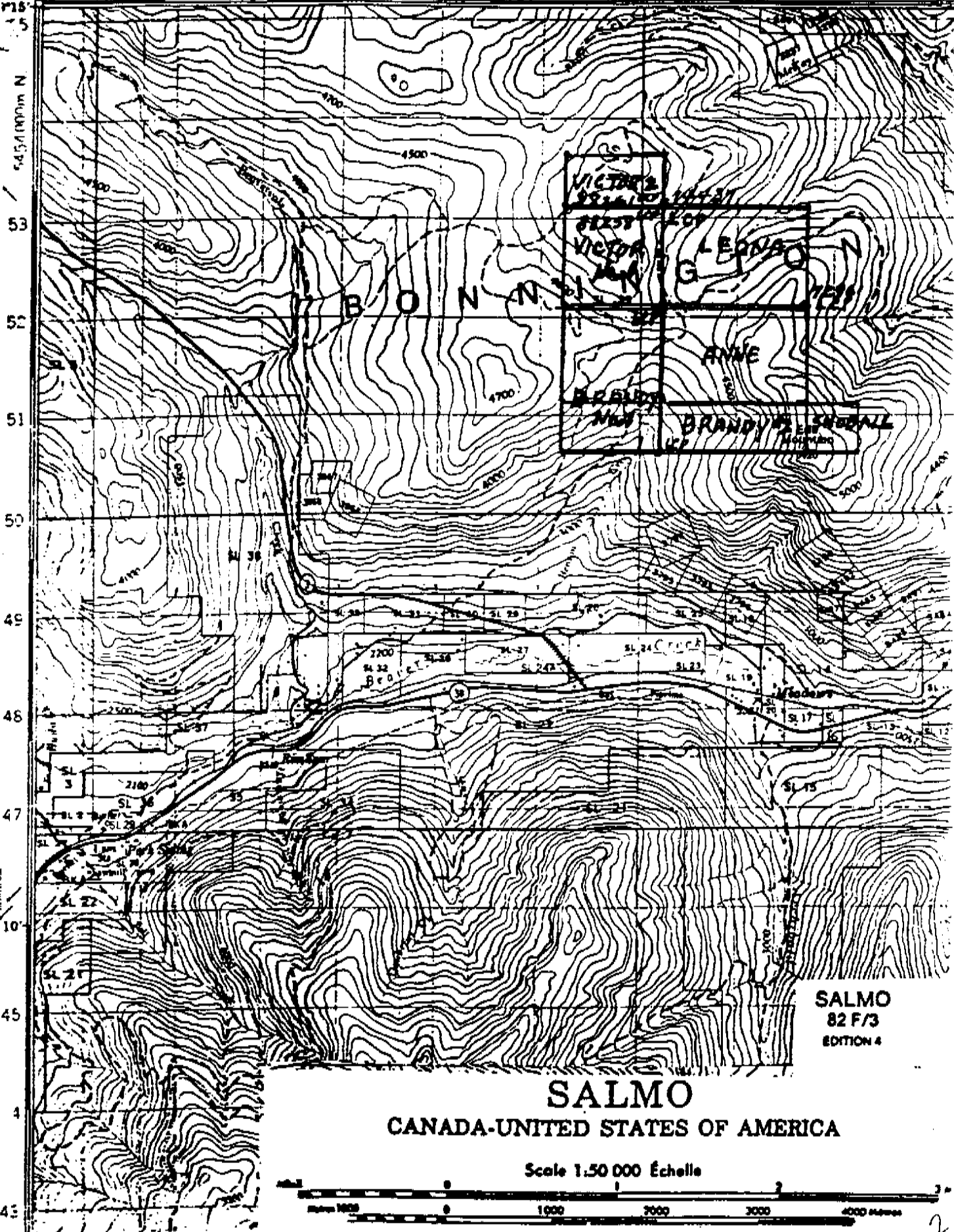
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

F/3

1:50 000

LEONA GROUP

117° 64 465000m. E. 66 67 68 69 70 71 72 73

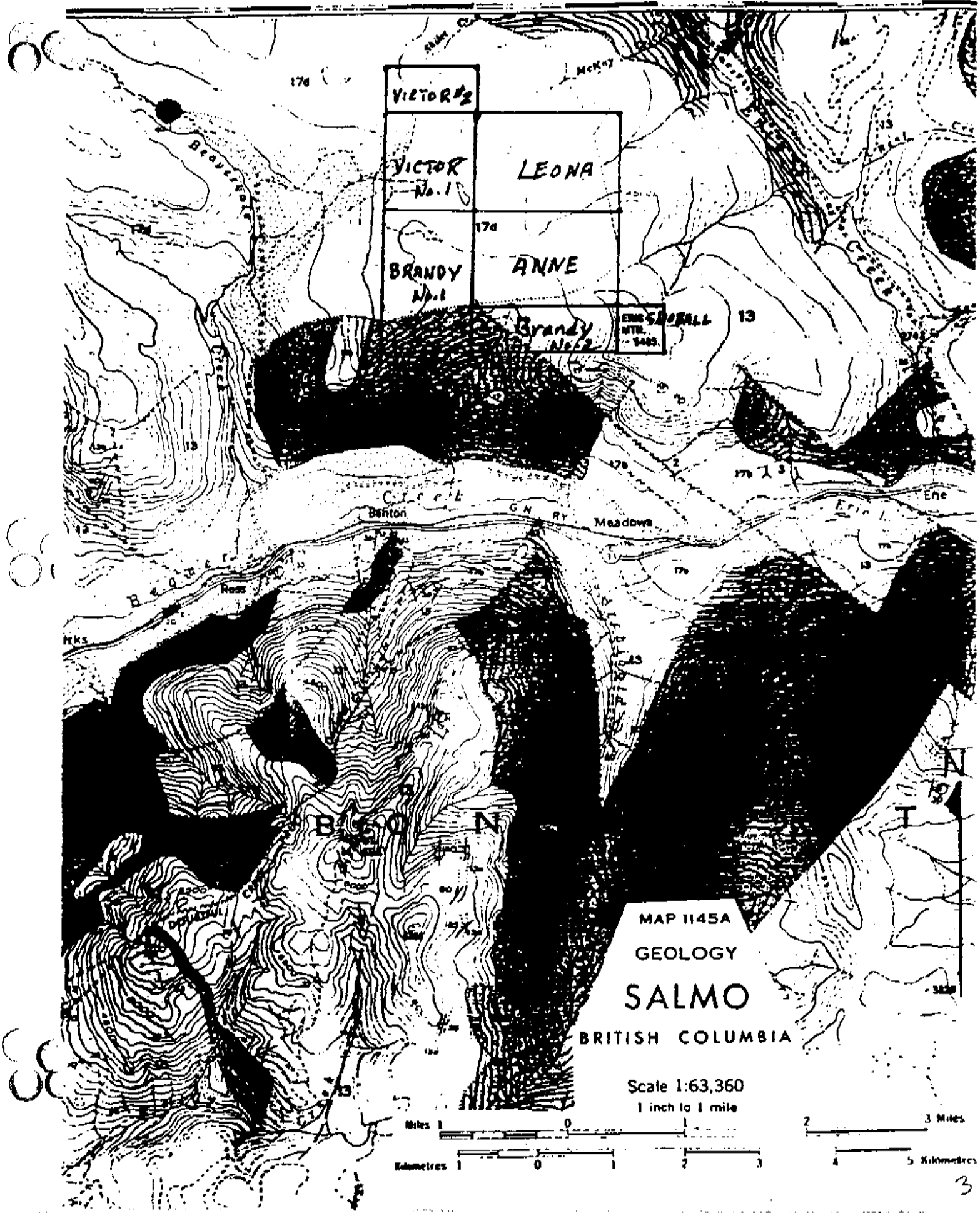


SALMO
82 F/3
EDITION 4

SALMO CANADA-UNITED STATES OF AMERICA

Scale 1:50 000 Échelle





VICTOR No. 2

VICTOR No. 1

LEONA

BRANDY No. 1

ANNE

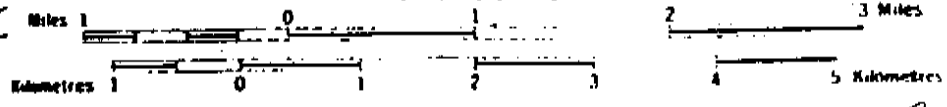
BRANDY No. 2

ERIC'S FALLS

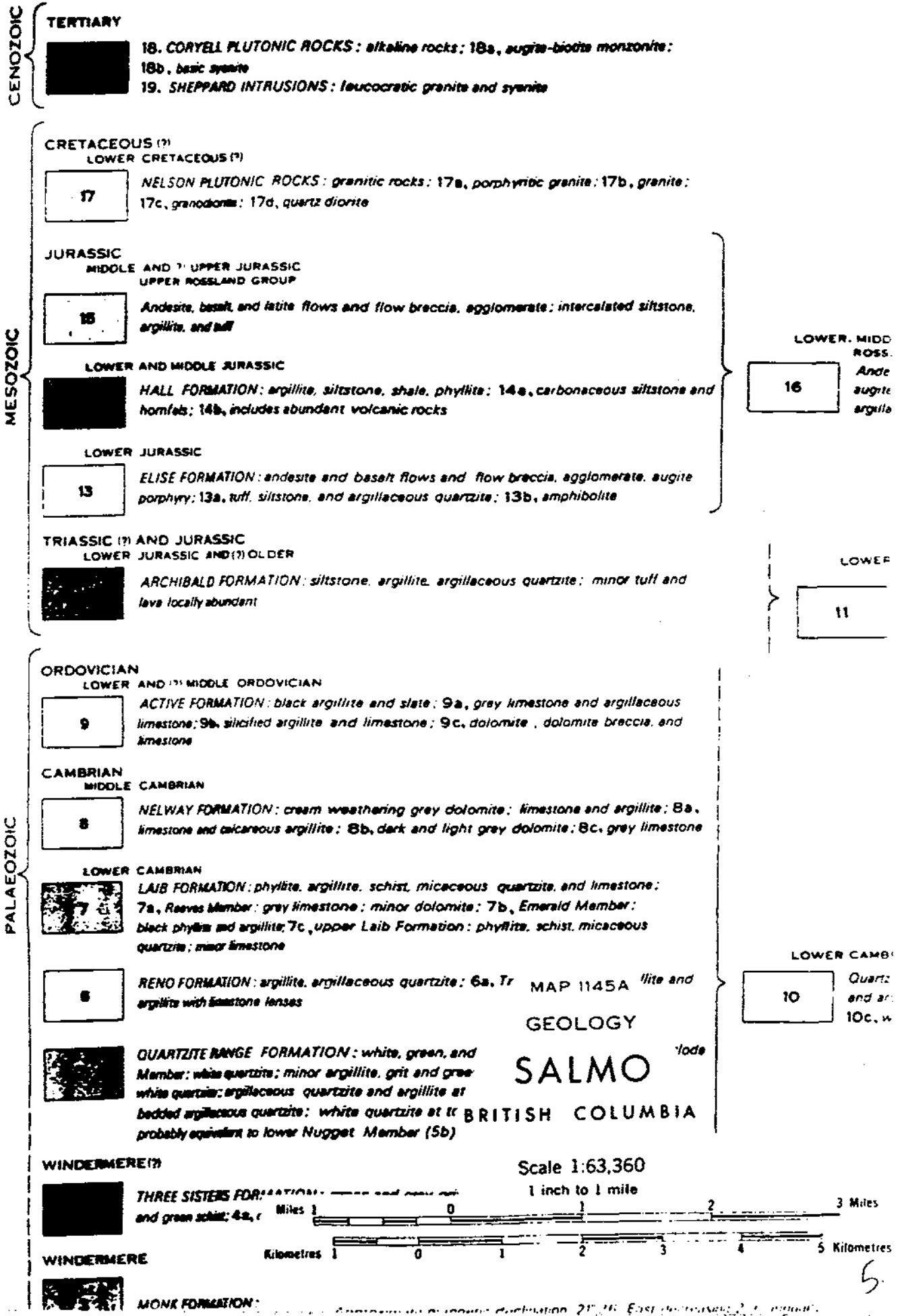
13

MAP 1145A
GEOLOGY
SALMO
BRITISH COLUMBIA

Scale 1:63,360
1 inch to 1 mile



LEGEND



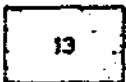
MESOZOIC

LOWER AND MIDDLE JURASSIC



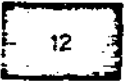
HALL FORMATION: argillite, siltstone, shale, phyllite; 14a, calcareous siltstone and hornfels; 14b, includes abundant volcanic rocks

LOWER JURASSIC

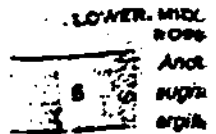


ELISE FORMATION: andesite and basalt flows and flow breccia, agglomerate, augite porphyry; 13a, tuff, siltstone, and argillaceous quartzite; 13b, amphibolite

TRIASSIC (?) AND JURASSIC
LOWER JURASSIC AND (?) OLDER



ARCHIBALD FORMATION: siltstone, argillite, argillaceous quartzite; minor tuff and lava locally abundant



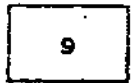
LOWER



PALAEOZOIC

ORDOVICIAN

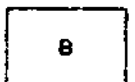
LOWER AND (?) MIDDLE ORDOVICIAN



ACTIVE FORMATION: black argillite and slate; 9a, grey limestone and argillaceous limestone; 9b, silicified argillite and limestone; 9c, dolomite, dolomite breccia, and limestone

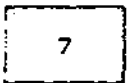
CAMBRIAN

MIDDLE CAMBRIAN

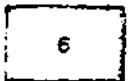


NELWAY FORMATION: cream weathering grey dolomite; limestone and argillite; 8a, limestone and calcareous argillite; 8b, dark and light grey dolomite; 8c, grey limestone

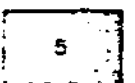
LOWER CAMBRIAN



LAIB FORMATION: phyllite, argillite, schist, micaceous quartzite, and limestone; 7a, Reeves Member: grey limestone; minor dolomite; 7b, Emerald Member: black phyllite and argillite; 7c, upper Laib Formation: phyllite, schist, micaceous quartzite; minor limestone



RENO FORMATION: argillite, argillaceous quartzite; 6a, Truman Member: phyllite and argillite with limestone lenses



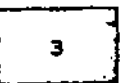
QUARTZITE RANGE FORMATION: white, green, and pinkish quartzite; 5a, Motherlode Member: white quartzite; minor argillite, grit and green schist; 5b, Nugget Member: white quartzite; argillaceous quartzite and argillite at base; 5c, Nevada Member: thin bedded argillaceous quartzite; white quartzite at top; 5d, argillaceous quartzite, probably equivalent to lower Nugget Member (5b)

WINDERMERE (?)

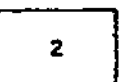


THREE SISTERS FORMATION: green and grey grit and quartzite; minor conglomerate and green schist; 4a, conglomerate; 4b, chlorite schist; 4c, brown micaceous schist

WINDERMERE



MONK FORMATION: green argillite and phyllite; 3a, conglomerate; 3b, limestone



IRENE VOLCANIC F.

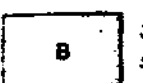


TOBY FORMATION:

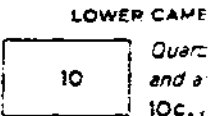
PROTEROZOIC



Metamorphic sediments



Sedimentary rocks: P slate, and phyllite; B2



LOWER CAME

Quartz and a 10c.

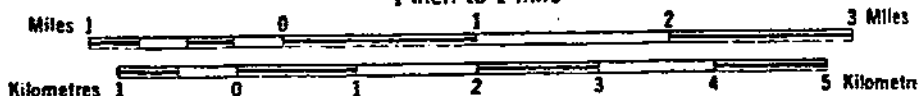
MAP 1145A

GEOLOGY

SALMO

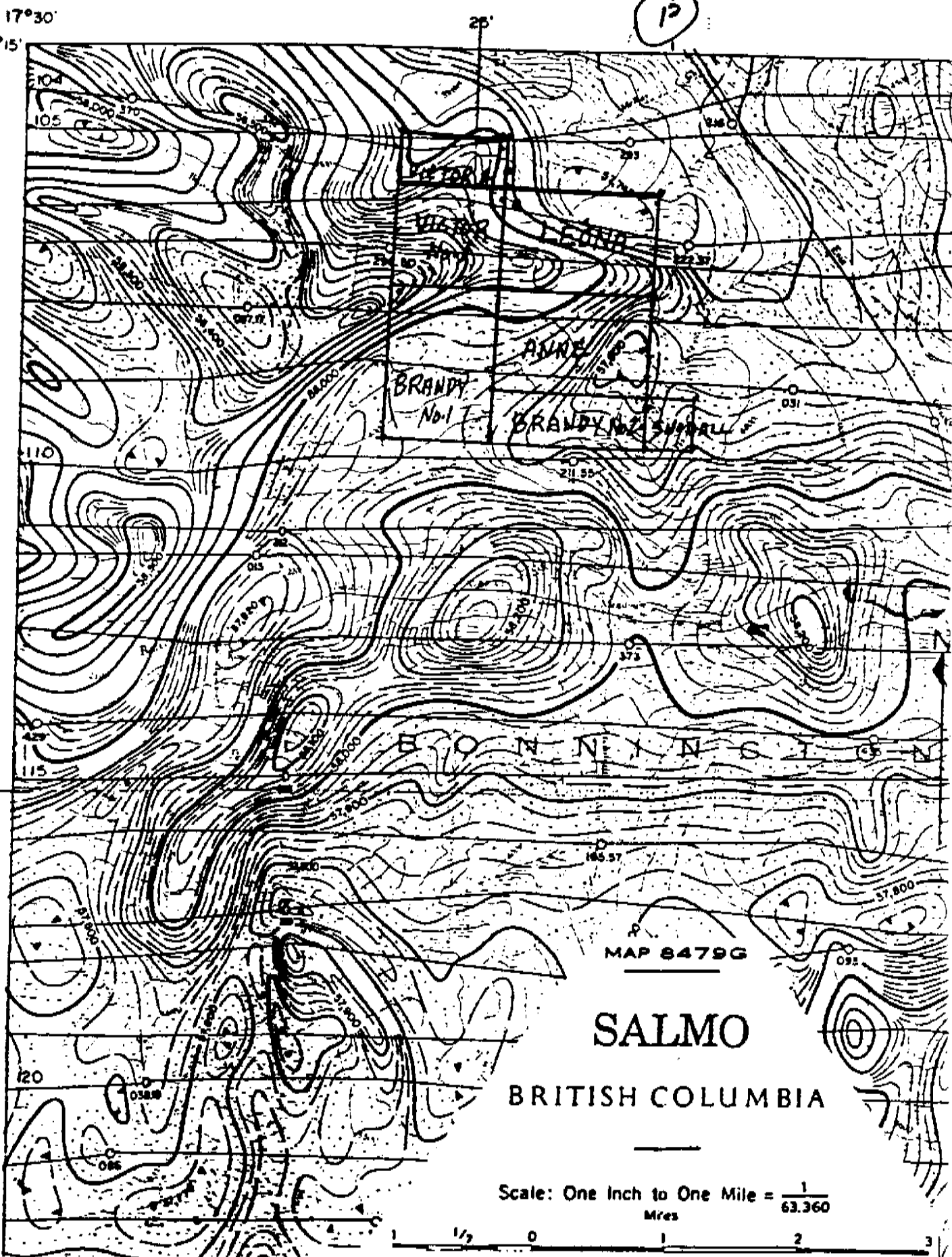
BRITISH COLUMBIA

Scale 1:63,360
1 inch to 1 mile

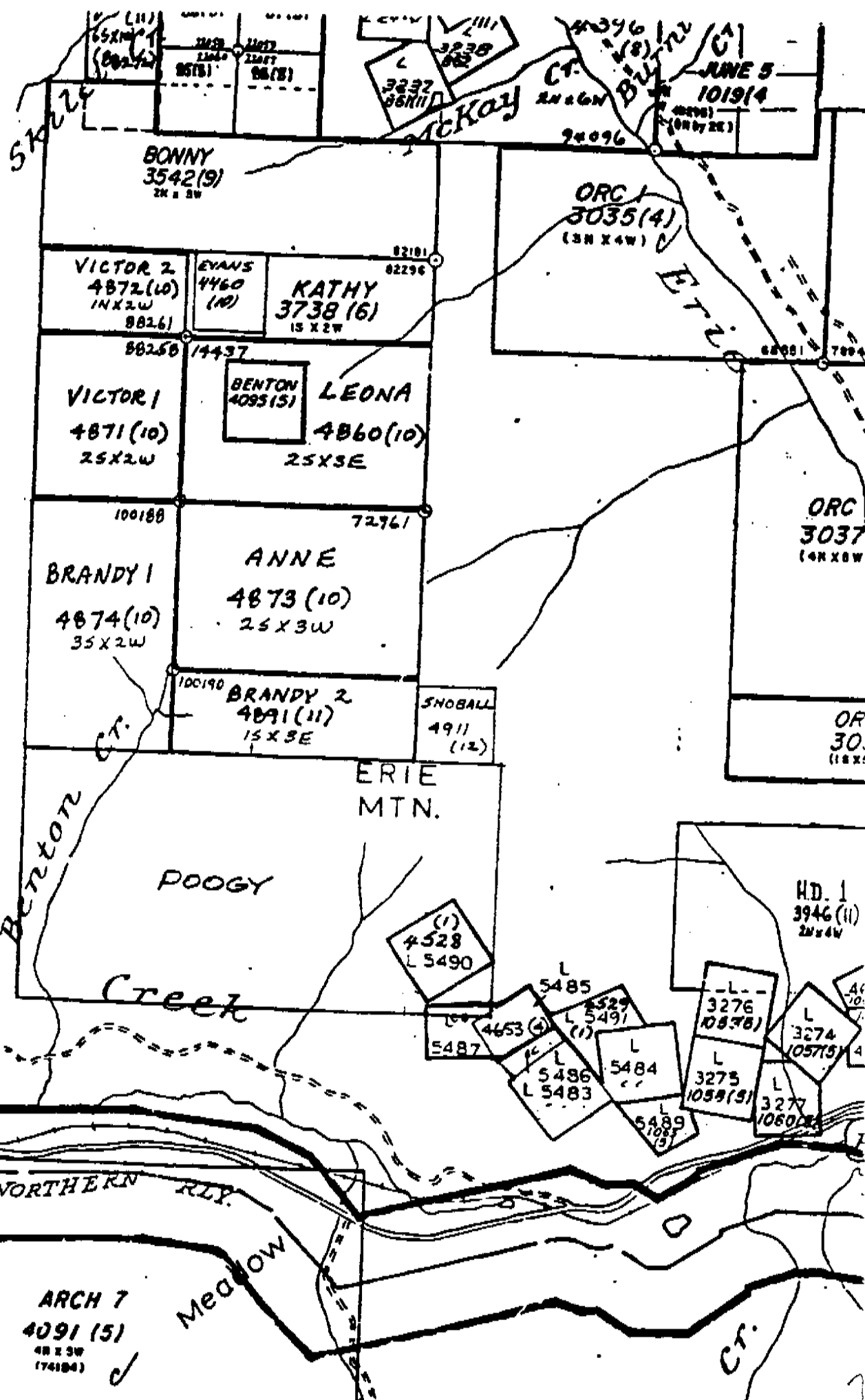


Approximate magnetic declination, 21° 26' East decreasing 2.9' annually

GEOPHYSICAL SERIES (Aeromagnetic)



NO 6 Moss - Trail



BONNY
3542(9)
2K X 3W

VICTOR 2
4872(10)
1N X 2W
88261

EVANS
4460
(10)

KATHY
3738(6)
15 X 2W

ORC 1
3035(4)
(3N X 4W)

VICTOR 1
4871(10)
25 X 2W

BENTON
4093(5)

LEONA
4860(10)
25 X 3E

BRANDY 1
4874(10)
35 X 2W

ANNE
4873(10)
25 X 3W

ORC
3037
(4N X 6W)

BRANDY 2
4891(11)
15 X 3E

SNOBALL
4911
(12)

OR
30
(18 X 2)

RELY 5
3376(8)
38 X 2E
(54445)

ERIE
MTN.

POOGY

Creek

H.D. 1
3946(11)
2W X 4W

(1)
4528
L 5490

5485
L 5491

L 3276
1087(8)

L 3274
1057(5)

4653(6)
L 5487

L 5486
L 5483

L 3275
1059(9)

L 3277
1060(8)

GREAT NORTHERN RLY.

ARCH
8
4092
(5)
4N X 2E

ARCH 7
4091(5)
4N X 3W
(74184)

Meadow

CT.