

3927

REPORT ON
GEOCHEMICAL AND MAGNETIC SURVEY

Mc GROUP : Mc 1-4 Mineral Claims
NINE LAKE GROUP : NINE LAKE 1-4, 6, 8, 10-12, 25-26, 28,
30, 32, 34-38, 41-46, 49-51, 61-68, 70,
74, 76 and 78 Mineral Claims

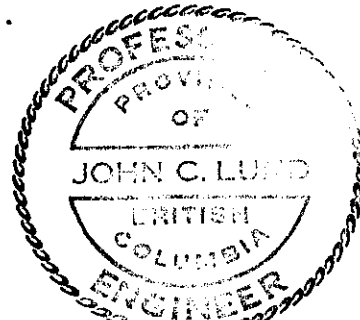
Fort Steele Mining Division
49°58.9' Lat. - 116°12.5' Long

WORK PERIOD : June 29 - August 22, 1972

OWNERS : Kerr Addison Mines Limited,
405-112 West Pender Street,
Vancouver 1, B.C.

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT

NO. 3927 MAP



by J. C. Lund, P. Eng.

2 October, 1972

TABLE OF CONTENTS

	<u>Page No.</u>
1. Introduction	1
2. Schedule of Claims covered by Report	2-3
3. Statutory Declaration of Costs	4
4. Survey Grid Lines	5
5a. Magnetic Survey - Mc Group	5-6
5b. Interpretation	6
6a. Geochemical Soil Survey - Mc Group	6-8
6b. Interpretation	8
7. Attachments:	
Qualifications of Geophysical Operator	9
Qualifications of Geochemical Samplers	10
8. Schedule of Accompanying Maps	11
#1 Location map	
#2 Claim map	
#3 Magnetic survey	
#4 Geochemical Soil Survey - copper	
#5 " " " zinc	
#6 " " " lead	

INTRODUCTION

The Mc Nos. 1-4 Mineral Claims were staked on August 5, 1971 and their ownership transferred to Kerr Addison Mines Limited. The Nine Lake Nos. 1-4, 6, 8, 10-12, 25-26, 28, 30, 32, 34-38, 41-46, 49-51, 61-68, 70, 74, 76 and 78, were staked during August 23-29, 1971, and their ownership transferred to Kerr Addison Mines Limited.

The Mc and Nine Lake claim groups are adjacent to one another, located approximately 2.5 miles northwest of Greenland Creek mouth in the Fort Steele Mining Division.

Access to the property from Cranbrook, B.C. is via Hwy 95 north 27 miles to the pulpmill road cut-off, thence by helicopter over a distance of about 20 miles. An old logging road leads from the cut-off and follows Skookumchuck Creek upstream to Greenland Creek mouth, a total distance of approximately 30 miles. This road is now impassable due to recent washouts and landslides.

Kerr Addison Mines began investigation of the Mc Claims on August 5 and 6, 1971 then continued work during July 3-8, 1972. Preliminary geochemical soil sampling and trenching was done immediately after staking. Work completed in 1972 included 5,900 feet of survey grid lines followed by 5,900 feet each of magnetometer and soil sampling survey.

Exploration work on the Nine Lake claims was started immediately after staking, involving preliminary soil and rock geochemistry plus mapping during the period between August 23 - September 8, 1971. Work completed in 1972 included 30 line miles of survey grid lines followed by 30 line miles of soil geochemical survey during the period between June 29 - August 22, 1972.

Five sites were selected for operation bases and the camps were moved by helicopter. This plan was necessary for efficient coverage of the large area, and desirable to minimize unproductive walking time.

SCHEDULE OF CLAIMS

<u>Group Name</u>	<u>Claim Name</u>	<u>Tag No.</u>	<u>Date Staked</u>	<u>Record No.</u>	<u>Date Recorded</u>
Mc	Mc # 1	254401	Aug 5/71	17271	Aug 19/71
	2	254402	Aug 5/71	17272	Aug 19/71
	3	254403	Aug 5/71	17273	Aug 19/71
	4	254404	Aug 5/71	17274	Aug 19/71
Nine Lake	Nine Lake				
	# 1	254458	Aug 25/71	17405	Sept 7/71
	2	254457	Aug 25/71	17406	Sept 7/71
	3	254459	Aug 25/71	17407	Sept 7/71
	4	254460	Aug 25/71	17408	Sept 7/71
	6	254406	Aug 23/71	17410	Sept 7/71
	8	254408	Aug 23/71	17412	Sept 7/71
	10	254410	Aug 23/71	17414	Sept 7/71
	11	254411	Aug 23/71	17415	Sept 7/71
	12	254412	Aug 23/71	17416	Sept 7/71
	25	25443	Aug 25/71	17364	Sept 2/71
	26	25444	Aug 25/71	17365	Sept 2/71
	28	25446	Aug 27/71	17367	Sept 2/71
	30	25448	Aug 26/71	17369	Sept 2/71
	32	254450	Aug 26/71	17371	Sept 2/71
	34	254452	Aug 26/71	17373	Sept 2/71
	35	254453	Aug 27/71	17374	Sept 2/71
	36	254454	Aug 27/71	17375	Sept 2/71
	37	254455	Aug 27/71	17376	Sept 2/71
	38	254456	Aug 27/71	17377	Sept 2/71
	41	254461	Aug 25/71	17417	Sept 7/71
	42	254462	Aug 25/71	17418	Sept 7/71
	43	254463	Aug 25/71	17419	Sept 7/71
	44	254464	Aug 25/71	17420	Sept 7/71
	45	254465	Aug 25/71	17421	Sept 7/71
	46	254466	Aug 25/71	17422	Sept 7/71
	49	254469	Aug 26/71	17425	Sept 7/71

SCHEDULE OF CLAIMS

<u>Group Name</u>	<u>Claim Name</u>	<u>Tag No.</u>	<u>Date Staked</u>	<u>Record No.</u>	<u>Date Recorded</u>
Nine Lake	Nine Lake				
	#50	254470	Aug. 26/71	17426	Sept 7/71
	51	254471	Aug. 26/71	17427	Sept 7/71
	61	254477	Aug. 27/71	17433	Sept 7/71
	62	254478	Aug. 27/71	17434	Sept 7/71
	63	254479	Aug. 27/71	17435	Sept 7/71
	64	254480	Aug. 27/71	17436	Sept 7/71
	65	254481	Aug. 29/71	17437	Sept 7/71
	66	254482	Aug 29/71	17438	Sept 7/71
	67	254483	Aug. 28/71	17439	Sept 7/71
	68	254484	Aug. 28/71	17440	Sept. 7/71
	70	254488	Aug. 28/71	17442	Sept. 7/71
	74	254490	Aug. 29/71	17446	Sept. 7/71
	76	254492	Aug. 29/71	17448	Sept. 7/71
	78	254494	Aug. 29/71	17450	Sept. 7/71

DOMINION OF CANADA:
 PROVINCE OF BRITISH COLUMBIA.

To Wit:

In the Matter of

Magnetic & Soil Geochemical Survey of Mc Nos. 1-4 Mineral Claims and Soil Geochemical Survey of Nine Lake Nos. 1-4, 6, 8, 10-12, 25-26, 28, 30, 32, 34-38, 41-46, 49-51, 61-68, 70, 74, 76 and 78 Mineral Claims.

I, John C. Lund

of 405 - 1112 West Pender Street, Vancouver 1, B.C.

in the Province of British Columbia, do solemnly declare that the following is a true and accurate statement of costs involved in the survey :

COST STATEMENTS

Mc GROUP

<u>Name</u>	<u>Job</u>	<u>Dates Worked</u>	<u>Total Days</u>	<u>Total Pay</u>
A.T. LaRose	Geophy. Op'tr	July 3, 8-9/72	3	\$ 84.00
D. Wright	" Ass't	"	3	\$ 51.00
G. Gruenwald	Line Cutter	"	3	\$ 42.00
F. Chow	Project Eng.	July 3 & 8/72	2	\$ 88.00
			11	\$265.00

Total Wages	=	\$265.00
Camp Operation	= 11 man-days @ \$12.67	= \$139.37
Assaying	= 58 samples @ \$ 2.20	= \$127.60
Magnetometer Rental	= 2 days @ \$ 8.60	= \$ 17.20
<u>Total Costs for MC Group</u>	=	<u>\$549.17</u>

NINE LAKE GROUP

A.T. LaRose	Line Cutter	June 29-30, July 2, 11-16, 23-28, Aug.5-8, 11-12, & 14-17.	26	\$ 728.00
D. Wright	" "	As above	26	\$ 442.00
G. Gruenwald	Line Cutter & Sampler	June 29-30, July 2,7,11-18, 23-28,Aug.5-8, 11-12, & 14-17.	29	\$ 406.00
F. Chow	Proj.Eng. Line Cutter & Sampler	June 29-30, July 2,4-7,9-21, 24-29,Aug.1-2,&4.	30	\$1320.00
W. Gruenwald	Line Cutter & Sampler	Aug.5-13, 15-22	17	\$ 476.00
			128	\$3372.00 *

And I make this solemn declaration conscientiously believing it to be true, and knowing that it is of

the same force and effect as if made under oath and by virtue of the "Canada Evidence Act."

Declared before me at the

of

City
Vancouver, in the

Province of British Columbia, this

19

day of

October 1972, A.D.

John C. Lund

Jill Turner
 A Commissioner for taking Affidavits within British Columbia or
 A Notary Public in and for the Province of British Columbia.

★

Sub-Mining Recorder

* NOTE: Continued on page 2 of 2

Total Wages	=	\$3372.00
Camp Operation	= 128 man-days @ \$12.67	= 1621.76
Assaying	= 500 samples @ \$ 2.20	= <u>1100.00</u>
Total Costs for Nine Lake Group	=	<u>\$6093.76</u>

APPORTIONMENT OF TOTAL COSTS TO CLAIMS INVOLVED

These costs are intended to cover assessment work for one year on the Mc Group (4 claims) and on the Nine Lake Group (40 claims).

SURVEY GRID LINES

Mc GROUP

A north-south base line 1200 feet long was established along the centre of the claim block. Cross-lines on 200-foot centres were laid out. The base line and the cross-lines were established by the use of a Brunton compass, chained and marked with coloured flagging at 100-foot intervals.

NINE LAKE GROUP

Five base lines were established for grid control. They are; three NW-SE base lines bearing $S70^{\circ}E$ following claim location lines and totalling 33,300 feet; one SE-NE base line bearing $N50^{\circ}E$ for a distance of 2,700 feet; and one base line bearing $N20^{\circ}E$ for 8,200 feet to tie in the first three base lines. Cross-lines on 400-foot centres were laid out. This grid layout was chosen so as to traverse the rock formation at near right angles.

The base line and the cross lines were established by the use of a Brunton compass, chained, blazed, and marked with coloured flagging at 100-foot intervals. Slashing of underbrush and limbing of overhanging branches were done where necessary. This gave good control of sample sites, with minimum expenditure and negligible change in the ecology. A base map with scale $1'' = 400'$ was used in plotting the sample results.

MAGNETIC SURVEY

Mc GROUP

MAGNETOMETER SURVEY

A magnetic survey was performed on the Mc Group grid using a McPhar MF-1 Magnetometer, Model 321 with a sensitivity of 20 gammas per scale division. Approximately 5,600 feet of traversing was completed on lines 200 feet apart and a further 800 feet was surveyed on lines 100 feet apart. Readings were taken at 100-foot intervals, also at 50-foot and 25-foot stations where extra readings were desired. The readings obtained are variations in the intensity of the vertical magnetic field.

Diurnal variations and instrument drift were obtained by re-reading established stations along the base lines.

INTERPRETATION

The Magnetic Survey outlines (see Map 3) two, strong (900 - 1600~~00~~) magnetic anomalies located about 300 - 400 feet SE and NW of the Initial Posts of the claims. They exhibit narrow (100' wide) linear features (300 - 600 ft long) which strike in a north-south direction. Both anomalies appear to terminate abruptly along a NW-SE line (indicated by an assumed fault on the enclosed magnetic map), suggesting a 700-foot horizontal displacement of a single structural feature.

No evidence of a fault was found. The area is covered mainly by overburden with scattered outcrops of quartzite. Examination of outcrops over the magnetic anomalies did not show evidence of any magnetic minerals. The interpretation is that the magnetic anomalies are hidden bodies containing magnetite or pyrrhotite.

GEOCHEMICAL SOIL SURVEY (Mc GROUP AND NINE LAKES GROUP)

SOIL SAMPLE COLLECTION

The samples were taken at 200-foot intervals along the grid lines. Greater intervals were used where terrain dictated - such as talus slopes, rock outcrops and swampy ground.

The soil samples were taken from the top of the "B" (rusty) horizon. Exceptions to this occurred in swampy areas where the "B" horizon is non-existent or deeply buried. Profile sampling was conducted on selected locations to evaluate and compare the metal contents of each soil horizon.

The samples were collected by digging a small hole with a shovel and/or pick. By this means it was possible to see the top of the "B" horizon and observe the composition of the other zones. The soil samples were then taken with a small trowel or spoon and

and placed in high, wet-strength $3\frac{1}{2}$ " x $6\frac{1}{2}$ " Kraft paper bags, on which sample numbers had been marked. Samples were collected from depths ranging from 3" to 16", with the average at about 6".

Notes were entered into a field book, recording the grid line location, the sample numbers, the depth to the top of the "B" horizon, the direction of drainage and the soil type.

SAMPLE PREPARATION IN THE FIELD

The samples were oven-dried at 100° - 150° or sun-dried on a clothes line. They were then shipped to and analysed by Vangeochem Lab Ltd. in North Vancouver, B.C.

ANALYSIS

Vangeochem Lab used the following analytical procedure to determine acid soluble Cu, Zn and Pb in geochemical samples.

1. Sample Preparation

- a) The samples were dried in a ventilated oven.
- b) The dried soil silt samples were sifted by using a shaking machine using a 80-mesh stainless steel sieve. The plus 80-mesh fraction was rejected and the minus 80-mesh fraction was transferred into a new bag for analysis later.

2. Methods of Digestion

- a) 0.5 gram of the minus 80-mesh samples were used. Samples were weighed out by using a top-loading balance.
- b) Samples were heated in a sand bath with nitric and perchloric acids (15% to 85% by volume of the concentrated acids respectively)
- c) The digested samples were diluted with demineralized water to a fixed volume and shaken.

3. Method of Analysis

Analyses were determined by using a Tecktron Atomic Absorption Spectrophotometer Model AA4 or Model AA5 with their respective hollow cathode lamps. The digested samples are aspirated directly into an air and acetylene flame. The results, in parts per million, were calculated by comparing a set of standards to calibrate the

atomic absorption unit.

The analyses were supervised or determined by Mr. Conway Chun or Mr. Laurie Nicol and their laboratory staff.

All the samples were analysed for total metal content in copper, zinc and lead; a group was analysed for tungsten and a selected number of samples were tested for arsenic. The assays expressed in parts per million are plotted on the geochemical plan, then a separate contour map was made to show the dispersion of each element. The results for copper, zinc and lead are shown on Map nos. 4A, 4B and 4C.

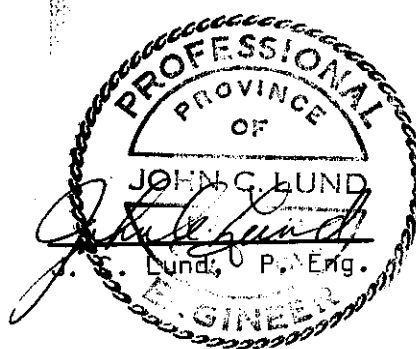
INTERPRETATION

Over most of the area a representative sample of the "B" horizon was obtained. It seems likely that soil geochemistry is a reliable technique for prospecting the property.

Areas which are considered to be background values are uncoloured on the maps (see Maps 4A, 4B and 4C for copper, zinc and lead respectively). Weakly anomalous areas are coloured light blue. These levels are 201 - 300 ppm for copper, 301 - 400 ppm for zinc, and 101 - 200 ppm for lead. Moderately anomalous areas are coloured dark blue. These values are 301 - 400 ppm for copper, 401 - 500 ppm for zinc and 201 - 300 ppm for lead. Definitely anomalous values are coloured purple, orange and increasingly deeper tones of red.

The various geochemical anomalies were often found to be associated with minor occurrences of chalcopyrite, sphalerite, and/or galena in scattered quartz veinlets. The results of the soil survey indicate that substantial amounts of zinc and moderate amounts of copper and lead are dispersed in the soils wherever there is a small showing of mineralization.

Vancouver 1, B.C.
October 2, 1972



QUALIFICATIONS OF THE GEOPHYSICAL OPERATOR

The geophysical work was performed by Mr. A. T. LaRose whose qualifications are as follows :-

Frobex Exploration Ltd

Two years as Field Supervisor for airborne radiometric surveys, follow-up ground prospecting and staking, and drill supervision.

Area Mines Ltd

Seven years as geophysical party leader for electromagnetic, magnetic and gravity surveys.

Kerr Addison Mines Ltd

Four and a half years as party leader on electromagnetic, magnetic, and I.P. surveys; drill supervision and geochemical sampling.

QUALIFICATIONS OF THE GEOCHEMICAL SAMPLERS

The geochemical sampling was done by Mr. Fred Chow and Mr. Werner Gruenwald whose qualifications are as follows :-

Qualifications of F. Chow

Sunshine Lardeau Mines Ltd

Two and a half years as resident engineer and geologist performing engineering, mapping, surveying, sampling, assaying, and exploration work.

Newkirk Mining Corporation

Two years as exploration geologist for property examination, mapping and sampling properties, diamond drilling programmes.

Bateman Bay Mining Co

One and a half years as resident engineer and geologist for underground development programme and surface exploration.

Faraday Uranium Mines Ltd

Four and a half years as underground geologist.

Kerr Addison Mines Ltd

Seven and a half years as project chief on mineral exploration involving geophysical and geochemical means of prospecting.

Qualifications of W. Gruenwald

Atlas Exploration Ltd

Four months as field assistant in mapping of geology and geochemical sampling.

Kerr Addison Mines Ltd

Four months as field assistant on I.P. magnetic and electro-magnetic surveys, plus geological and geochemical surveys.

Four months as party leader on exploration programme conducting geological and geochemical surveys.

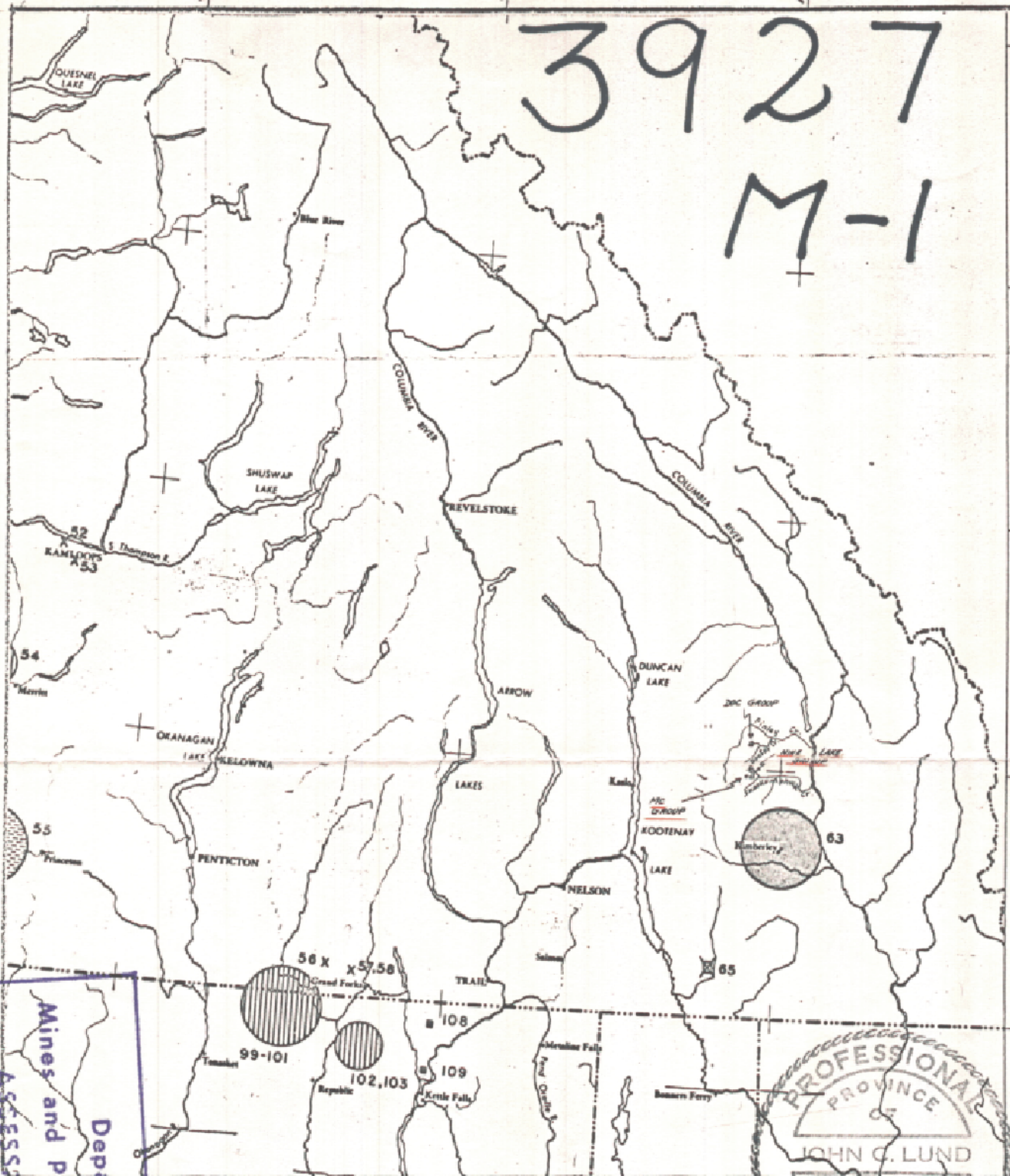
Three months as field assistant on property examinations.

B.Sc. Geology, U.B.C. 1972

SCHEDULE OF ACCOMPANYING MAPS

- | | |
|---|-------------------------|
| 1. Key Map | 1" = 40 miles |
| 2. Claim Map | 1" = $\frac{1}{2}$ mile |
| 3. Magnetic Survey Map - Mc Group | 1" = 200 ft |
| 4A. Geochemical Soil Survey
Copper, Mc and Nine Lake Group | 1" = 400 ft |
| 4B. Geochemical Soil Survey
Zinc, Mc and Nine Lake Group | 1" = 400 ft |
| 4C. Geochemical Soil Survey
Lead, Mc and Nine Lake Group | 1" = 400 ft |

3927
M-1



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT

NO. 3927
M.P. #1

This map to accompany the
Geophysical and Geochemical report
by J. C. Lund, P. Eng. on
the Mc and Nine Lake Groups
on Greenland Creek, Fort Steele M.D.,
dated 2 October, 1972

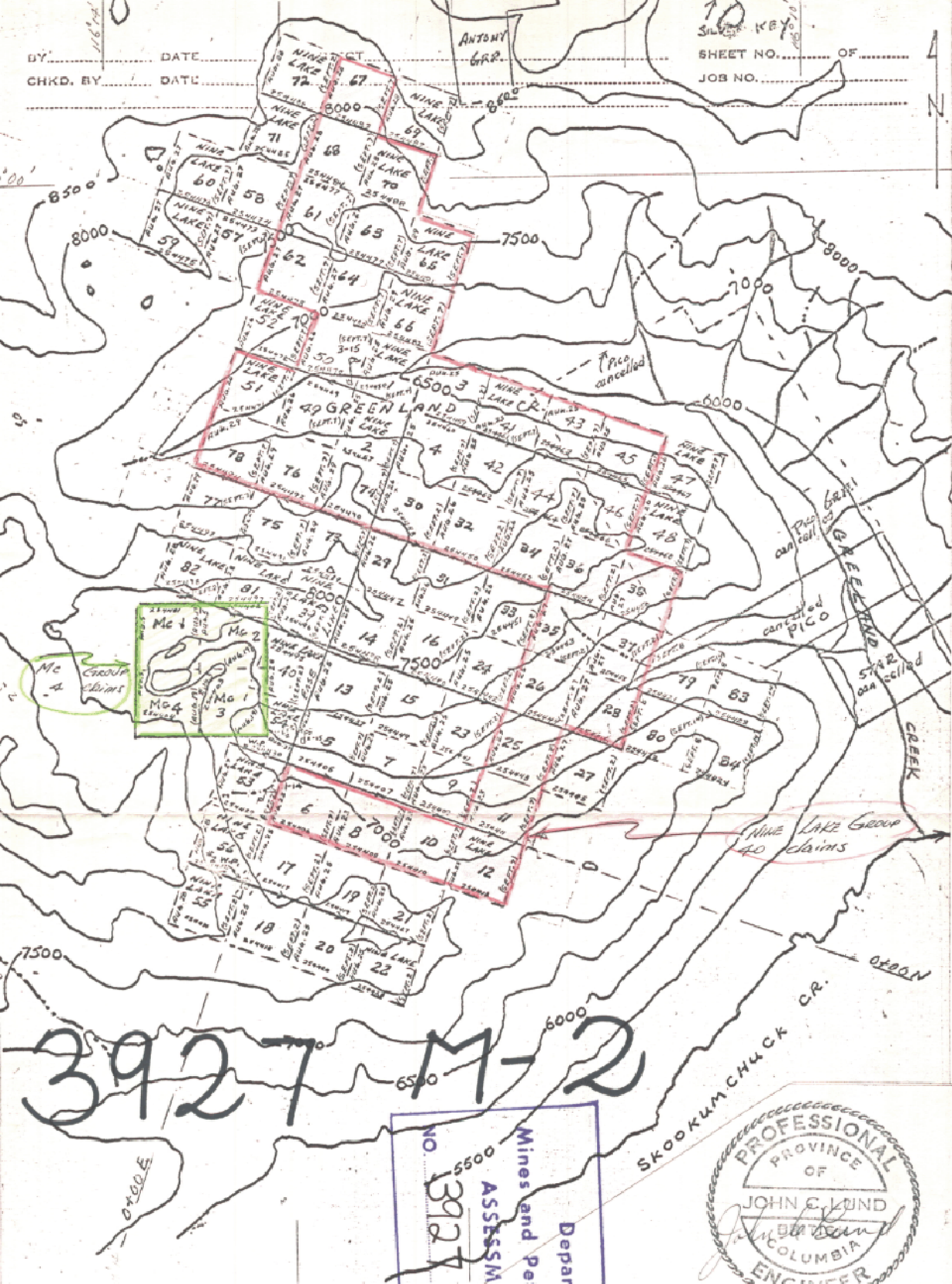
KERR ADDISON & SONS LIMITED
KEY MAP OF
MC AND NINE LAKE
MINERAL CLAIMS
FORT STEELE MINING DIVISION

SCALE: 1" = 40"

MAP No. 1
NTS.
DRAWN BY: J. C. Lund
DATE: Sept. 27, 1972

BY: DATE
CHKD. BY: DATE

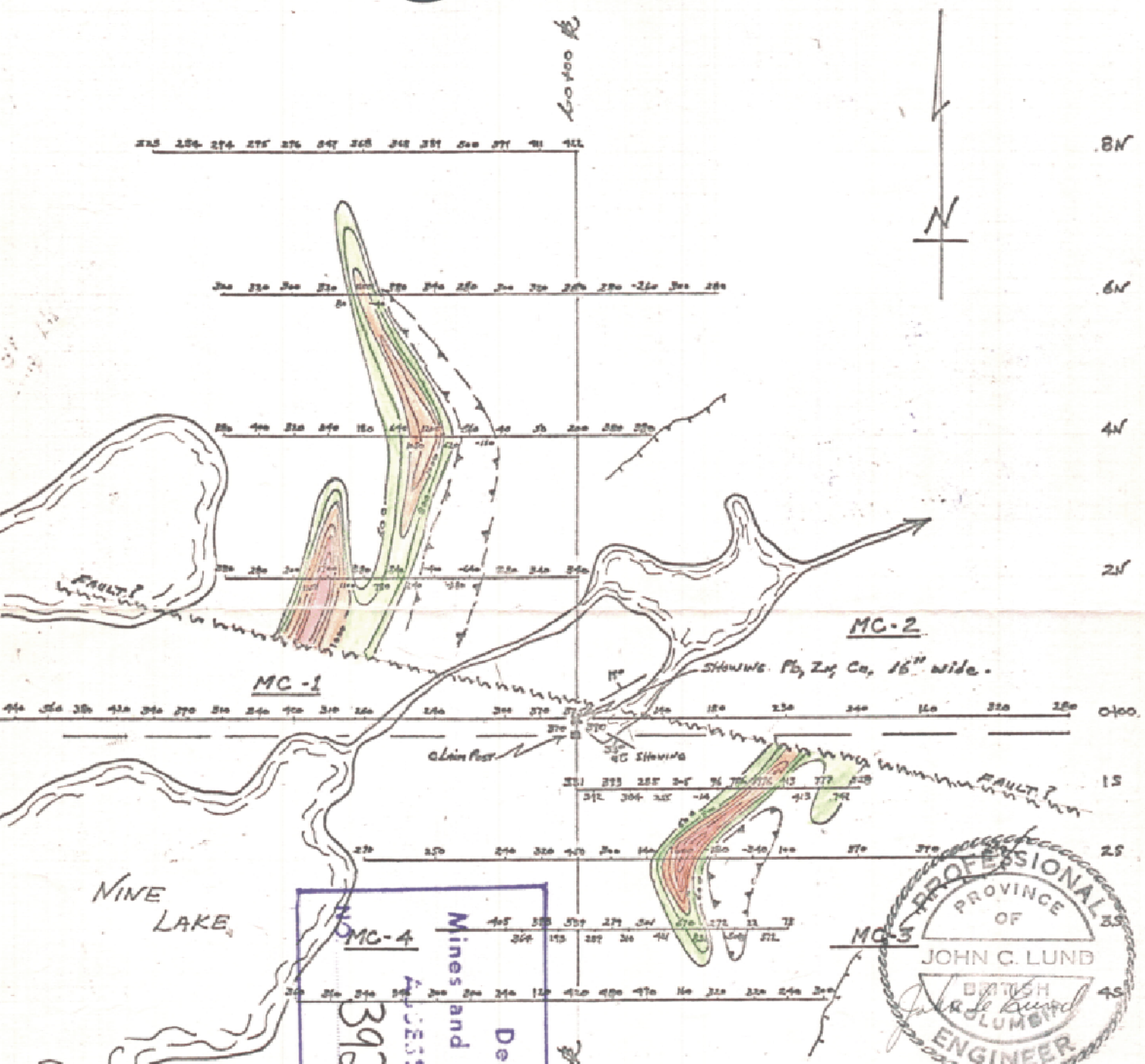
10 KEY
SHEET NO. OF
JOB NO.



CLAIM NAME	RECORD No.	ANNIVERSARY DATE
Mc 1-4	17271-17374	19 Aug. 1973
Nine Lake 1-8	17403-17418	7 Sept. 1973
6	17419	"
8	17420	"
10-12	17414-17416	"
25-26	17364-17365	2 Sept. "
28	17367	"
30	17369	"
32	17370	"
34-38	17373-17377	"
41-46	17417-17422	7 Sept. "
49-51	17425-17427	"
51-68	17433-17440	"
70	17442	"
74	17446	"
76	17448	"
78	17450	"

Department of Petroleum Resources ASSESSMENT REPORT	KERR ADDISON MINES LIMITED		
	Mc GROUP AND NINE LAKE GROUP		
	CLAIM MAP		
	This map to accompany the geophysical and geochemical report by J. C. Lund, P. Eng. on the Mc and Nine Lake Group, on Greenland Creek, Fort Steele M.D., dated 2 October, 1972		
Map No. 2	SCALE: 1" = 1/2 MI.	NTS 82F-16	
Rev. J.C. Lund		Sept. 27, 1972	

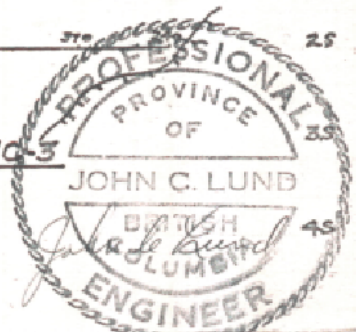
3927 M-3



LEGEND

- Magnetic intensity in gammas and station location
- Magnetic contours
- 600-1000 gammas
- 1000-1400 gammas
- 71400 gammas
- rock bluff

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
3927
#3



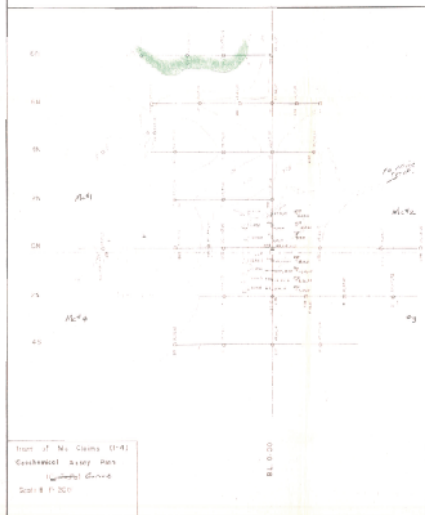
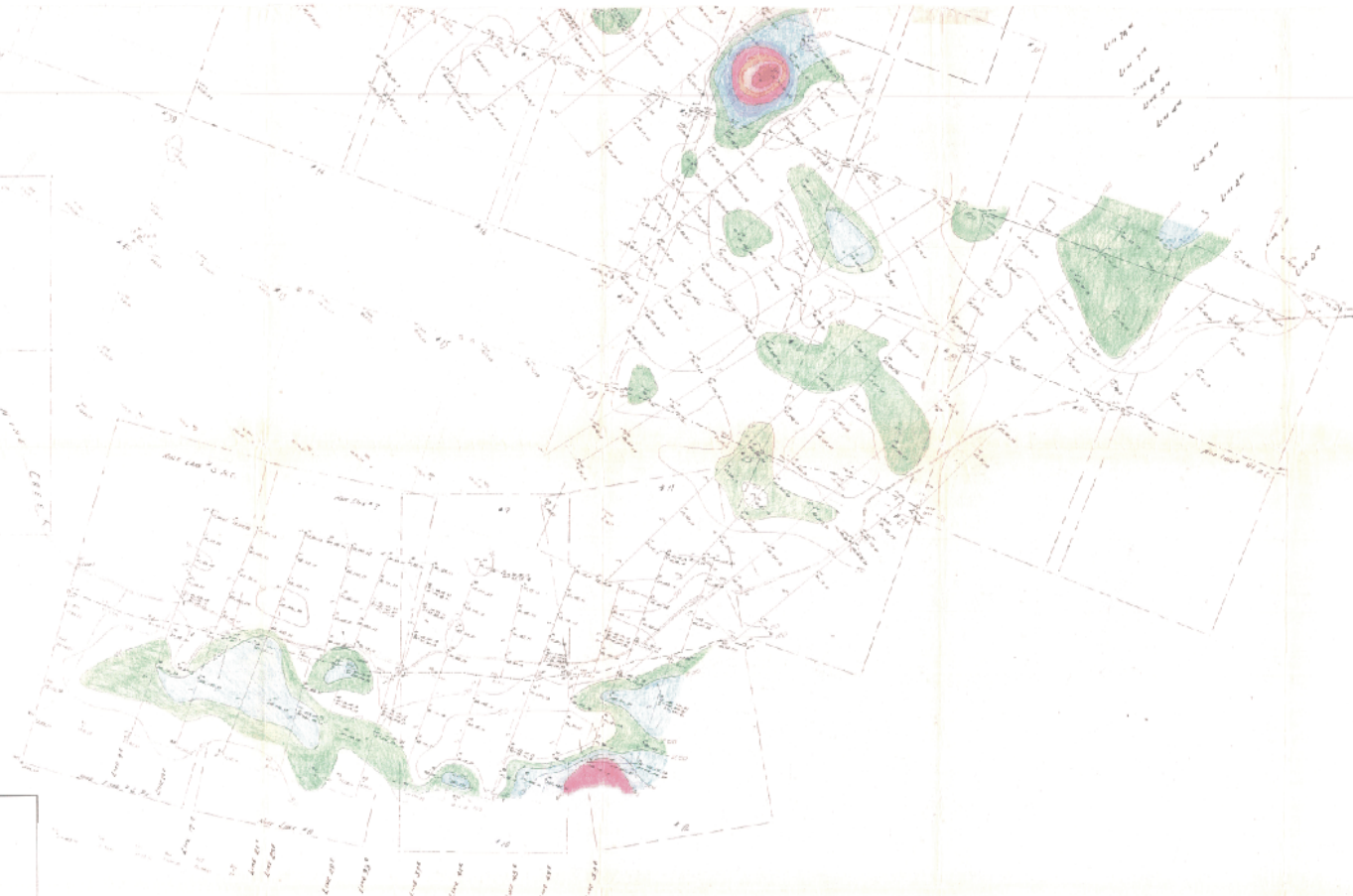
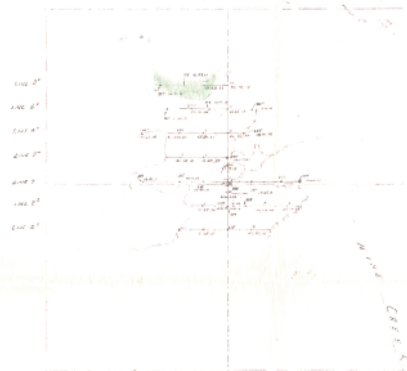
KERR ADDISON MINES LIMITED		
MC GROUP MINERAL CLAIMS MAGNETIC SURVEY		
This map to accompany the geophysical and geochemical report by J. C. Lund, P. Eng. on the Mc and Nine Lake Groups, on Greenland Creek, Fort St. John, B.C., dated 2 October, 1972		
MAP No. 3	SCALE: 1"=200'	NTS - 82F-16
SURVEYED By: A. Ted LaFleur	INSTR: Nuclear MF-1, Model 321	SKETCHED: 20°/scale div.
DRAWN BY: A. J. LaFleur	SURVEYED: July 3-9, 1972	

N

LEGEND

- Contour Line
- Contour Boundary
- Soil Sample Site
- Property Marker
- Camp Location
- Geoph. Plot
- Transverse Assy (C, N, P, K, etc.)
- 1 in parts per 1000
- Soil Sample Site
- (all others are SOIL SAMPLES)

Color No.	Cu ppm.	Zn ppm.	Pb ppm.	Mg ppm.	As ppm.
94	0-50	0-100	0-20	0-20	0-2
95	51-100	101-200	21-40	21-40	3-8
96	101-200	201-400	41-80	41-80	9-14
97	201-400	401-800	81-160	81-160	15-20
98	401-800	801-1600	161-320	161-320	21-28
99	801-1600	1601-3200	321-640	321-640	29-38
100	1601-3200	3201-6400	641-1280	641-1280	39-52
101	3201-6400	6401-12800	1281-2560	1281-2560	53-70
102	6401-12800	12801-25600	2561-5120	2561-5120	71-94
103	12801-25600	25601-51200	5121-10240	5121-10240	95-128
104	25601-51200	51201-102400	10241-20480	10241-20480	129-176
105	51201-102400	102401-204800	20481-40960	20481-40960	177-240
106	102401-204800	204801-409600	40961-81920	40961-81920	241-320
107	204801-409600	409601-819200	81921-163840	81921-163840	321-432
108	409601-819200	819201-1638400	163841-327680	163841-327680	433-576
109	819201-1638400	1638401-3276800	327681-655360	327681-655360	577-768
110	1638401-3276800	3276801-6553600	655361-1310720	655361-1310720	769-1024
111	3276801-6553600	6553601-13107200	1310721-2621440	1310721-2621440	1025-1344
112	6553601-13107200	13107201-26214400	2621441-5242880	2621441-5242880	1345-1792
113	13107201-26214400	26214401-52428800	5242881-10485760	5242881-10485760	1793-2400
114	26214401-52428800	52428801-104857600	10485761-20971520	10485761-20971520	2401-3200
115	52428801-104857600	104857601-209715200	20971521-41943040	20971521-41943040	3201-4300
116	104857601-209715200	209715201-419430400	41943041-83886080	41943041-83886080	4301-5700
117	209715201-419430400	419430401-838860800	83886081-167772160	83886081-167772160	5701-7600
118	419430401-838860800	838860801-1677721600	167772161-335544320	167772161-335544320	7601-10200
119	838860801-1677721600	1677721601-3355443200	335544321-671088640	335544321-671088640	10201-13600
120	1677721601-3355443200	3355443201-6710886400	671088641-1342177280	671088641-1342177280	13601-18400
121	3355443201-6710886400	6710886401-13421772800	1342177281-2684354560	1342177281-2684354560	18401-24800
122	6710886401-13421772800	13421772801-26843545600	2684354561-5368709120	2684354561-5368709120	24801-33200
123	13421772801-26843545600	26843545601-53687091200	5368709121-10737418240	5368709121-10737418240	33201-44000
124	26843545601-53687091200	53687091201-107374182400	10737418241-21474836480	10737418241-21474836480	44001-59200
125	53687091201-107374182400	107374182401-214748364800	21474836481-42949672960	21474836481-42949672960	59201-79200
126	107374182401-214748364800	214748364801-429496729600	42949672961-85899345920	42949672961-85899345920	79201-105600
127	214748364801-429496729600	429496729601-858993459200	85899345921-171798691840	85899345921-171798691840	105601-140800
128	429496729601-858993459200	858993459201-1717986918400	171798691841-343597383680	171798691841-343597383680	140801-188000
129	858993459201-1717986918400	1717986918401-3435973836800	343597383681-687194767360	343597383681-687194767360	188001-251200
130	1717986918401-3435973836800	3435973836801-6871947673600	687194767361-1374389534720	687194767361-1374389534720	251201-332800
131	3435973836801-6871947673600	6871947673601-13743895347200	1374389534721-2748779069440	1374389534721-2748779069440	332801-441600
132	6871947673601-13743895347200	13743895347201-27487790694400	2748779069441-5497558138880	2748779069441-5497558138880	441601-590400
133	13743895347201-27487790694400	27487790694401-54975581388800	5497558138881-10995116277760	5497558138881-10995116277760	590401-787200
134	27487790694401-54975581388800	54975581388801-109951162777600	10995116277761-21990232555520	10995116277761-21990232555520	787201-1049600
135	54975581388801-109951162777600	109951162777601-219902325555200	21990232555521-43980465111040	21990232555521-43980465111040	1049601-1401600
136	109951162777601-219902325555200	219902325555201-439804651110400	43980465111041-87960930222080	43980465111041-87960930222080	1401601-1862400
137	219902325555201-439804651110400	439804651110401-879609302220800	87960930222081-175921860444160	87960930222081-175921860444160	1862401-2480000
138	439804651110401-879609302220800	879609302220801-1759218604441600	175921860444161-351843720888320	175921860444161-351843720888320	2480001-3328000
139	879609302220801-1759218604441600	1759218604441601-3518437208883200	351843720888321-703687441776640	351843720888321-703687441776640	3328001-4416000
140	1759218604441601-3518437208883200	3518437208883201-7036874417766400	703687441776641-1407374883553280	703687441776641-1407374883553280	4416001-5904000
141	3518437208883201-7036874417766400	7036874417766401-14073748835532800	1407374883553281-2814749767106560	1407374883553281-2814749767106560	5904001-7872000
142	7036874417766401-14073748835532800	14073748835532801-28147497671065600	2814749767106561-5629499534213120	2814749767106561-5629499534213120	7872001-10496000
143	14073748835532801-28147497671065600	28147497671065601-56294995342131200	5629499534213121-11258999068426240	5629499534213121-11258999068426240	10496001-14016000
144	28147497671065601-56294995342131200	56294995342131201-112589990684262400	11258999068426241-22517998136852480	11258999068426241-22517998136852480	14016001-18624000
145	56294995342131201-112589990684262400	112589990684262401-225179981368524800	22517998136852481-45035996273704960	22517998136852481-45035996273704960	18624001-24800000
146	112589990684262401-225179981368524800	225179981368524801-450359962737049600	45035996273704961-90071992547409920	45035996273704961-90071992547409920	24800001-33280000
147	225179981368524801-450359962737049600	450359962737049601-900719925474099200	90071992547409921-180143985094819840	90071992547409921-180143985094819840	33280001-44160000
148	450359962737049601-900719925474099200	900719925474099201-1801439850948198400	180143985094819841-360287970189639680	180143985094819841-360287970189639680	44160001-59040000
149	900719925474099201-1801439850948198400	1801439850948198401-3602879701896396800	360287970189639681-720575940379279360	360287970189639681-720575940379279360	59040001-78720000
150	1801439850948198401-3602879701896396800	3602879701896396801-7205759403792793600	720575940379279361-1441151880758558720	720575940379279361-1441151880758558720	78720001-104960000
151	3602879701896396801-7205759403792793600	7205759403792793601-14411518807585587200	1441151880758558721-2882303761517117440	1441151880758558721-2882303761517117440	104960001-140160000
152	7205759403792793601-14411518807585587200	14411518807585587201-28823037615171174400	2882303761517117441-5764607523034234880	2882303761517117441-5764607523034234880	140160001-186240000
153	14411518807585587201-28823037615171174400	28823037615171174401-57646075230342348800	5764607523034234881-11529215046068469760	5764607523034234881-11529215046068469760	186240001-248000000
154	28823037615171174401-57646075230342348800	57646075230342348801-115292150460684697600	11529215046068469761-23058430092136939520	11529215046068469761-23058430092136939520	248000001-332800000
155	57646075230342348801-115292150460684697600	115292150460684697601-230584300921369395200	23058430092136939521-46116860184273879040	23058430092136939521-46116860184273879040	332800001-441600000
156	115292150460684697601-230584300921369395200	230584300921369395201-461168601842738790400	46116860184273879041-92233720368547758080	46116860184273879041-92233720368547758080	441600001-590400000
157	230584300921369395201-461168601842738790400	461168601842738790401-922337203685477580800	92233720368547758081-184467440737095516160	92233720368547758081-184467440737095516160	590400001-787200000
158	461168601842738790401-922337203685477580800	922337203685477580801-1844674407370955161600	184467440737095516161-368934881474191032320	184467440737095516161-368934881474191032320	787200001-1049600000
159	922337203685477580801-1844674407370955161600	1844674407370955161601-3689348814741910323200	368934881474191032321-737869762948382064640	368934881474191032321-737869762948382064640	1049600001-1401600000
160	1844674407370955161601-3689348814741910323200	3689348814741910323201-7378697629483820646400	737869762948382064641-14757395258967641292800	737869762948382064641-14757395258967641292800	1401600001-1862400000
161	3689348814741910323201-7378697629483820646400	7378697629483820646401-147573952589676412928000	14757395258967641292801-29514790517935282585600	14757395258967641292801-29514790517935282585600	1862400001-2480000000
162	7378697629483820646401-147573952589676412928000	147573952589676412928001-295147905179352825856000	29514790517935282585601-59029581035870565171200	29514790517935282585601-59029581035870565171200	2480000001-3328000000
163	147573952589676412928001-295147905179352825856000	295147905179352825856001-590295810358705651712000	59029581035870565171201-118059162071741130342400	59029581035870565171201-118059162071741130342400	3328000001-4416000000
164	295147905179352825856001-590295810358705651712000	590295810358705651712001-1180591620717411303424000	118059162071741130342401-236118324143482260684800	118059162071741130342401-236118324143482260684800	4416000001-5904000000
165	590295810358705651712001-1180591620717411303424000	1180591620717411303424001-236118324143482260684800	23611832414348226068481-472236648286964521369600	23611832414348226068481-472236648286964521369600	5904000001-7872000000
166	1180591620717411303424001-236118324143482260684800	236118324143482260684801-4722366482869645213696000	472236648286964521369601-944473296573929042739200	472236648286964521369601-944473296573929042739200	7872000001-10496000000
167	236118324143482260684801-4722366482869645213696000	4722366482869645213696001-9444732965739290427392000	944473296573929042739201-1888946593147858085478400	944473296573929042739201-1888946593147858085478400	10496000001-14016000000
168	4722366482869645213696001-9444732965739290427392000	9444732965739290427392001-18889465931478580854784000	1888946593147858085478401-3777893186295716170956800	1888946593147858085478401-37778931862957161709568	



3927

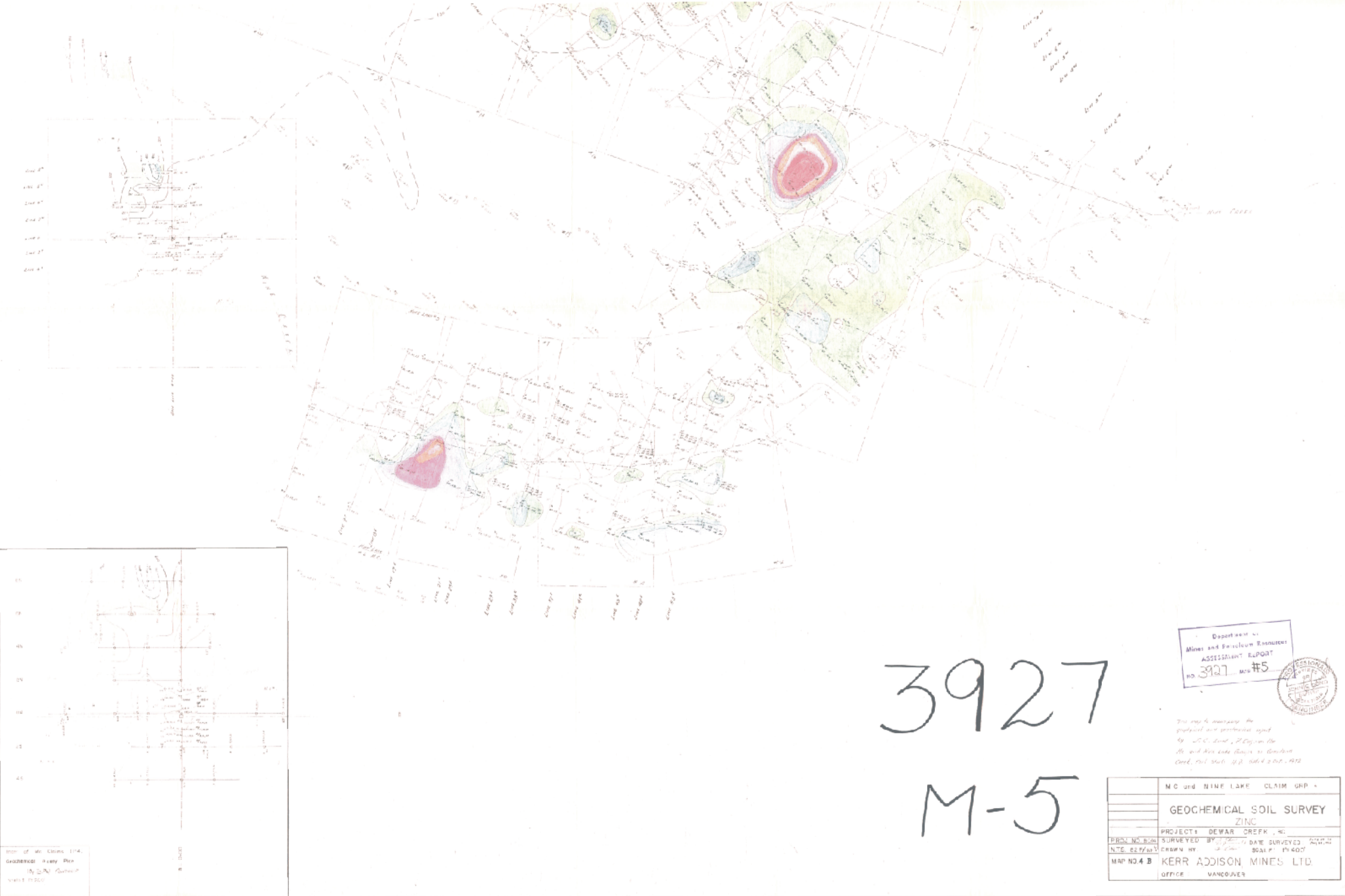
M-4

Division of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3927 MAP #4



This map is necessary for
geological and geophysical work
by the Department, and is for
the use of the Department only.
Cust. Tol. 1000 ft. 1:50,000

MC 485 HIRF LAKE CLAIM GRP.	
GEOCHEMICAL SOIL SURVEY	
COPPER	
DEWAR CREEK, BC	
PROJ. NO. 402	SURVEYED BY: DAIR SURVEYED
N.S. 25/25/25	DRAWN BY: SCALE 1:50,000
MAP NO. 4A	KERR ADDISON MINES LTD.
CO	OFFICE: VANCOUVER



3927

M-5

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3927 M-5



This map is intended to show the
geological and geochemical data
for the area shown on the map.
It is not intended to be used as a
basis for any other purpose.
Copyright, 1972, by the Department of Mines and Petroleum Resources

	MC and BINE LAKE CLAIM GRP.
	GEOCHEMICAL SOIL SURVEY
	ZINC
	PROJECT: DEWAR CREEK, N.C.
PROJ. NO. 3927	SURVEYED BY: J. C. DAWSON
NTE 827/83	DRAWN BY: J. C. DAWSON
MAP NO. 4-B	KERR ADDISON MINES LTD.
	OFFICE: VANCOUVER

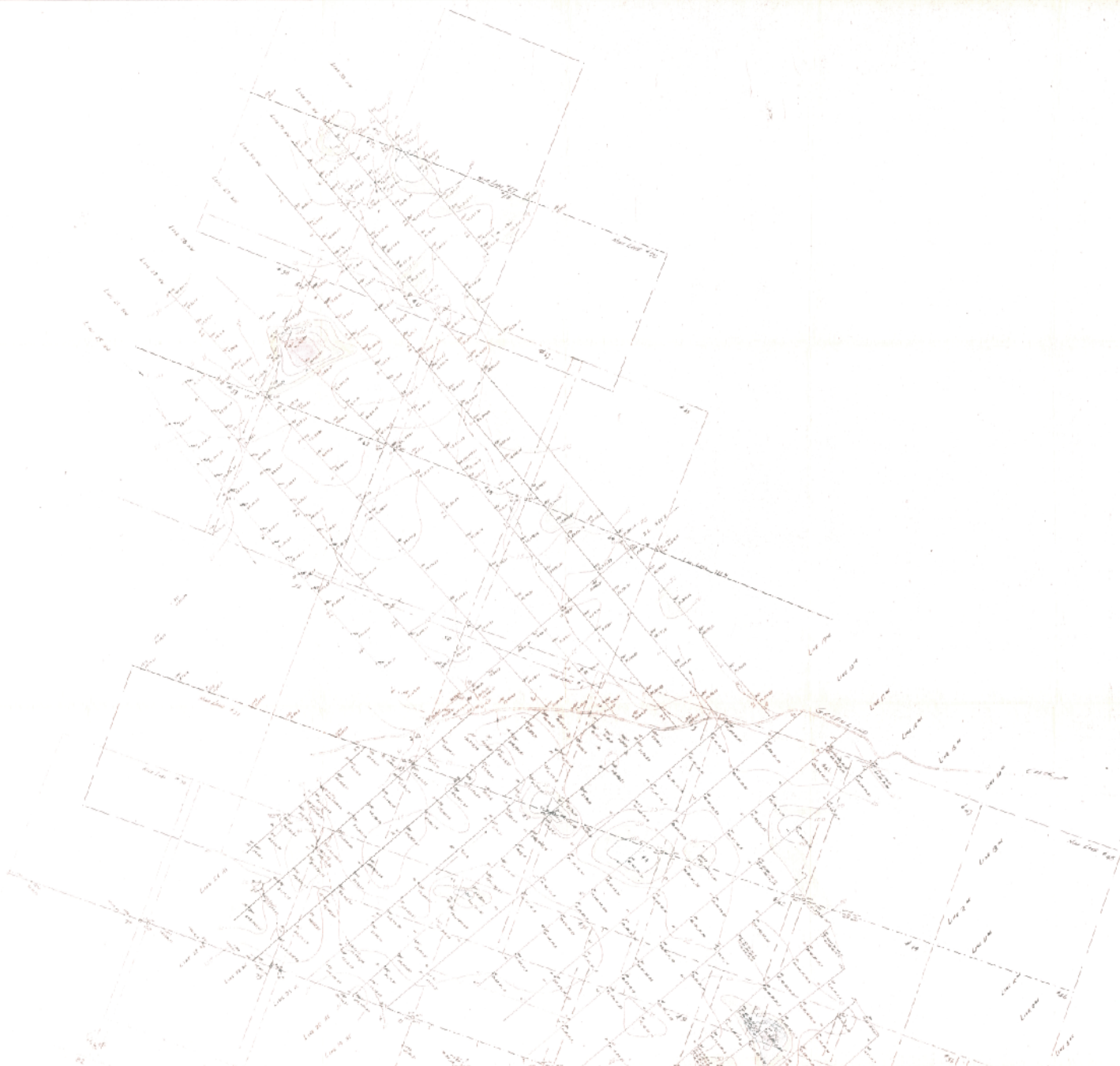
Printed at the Mining Institute
Copyright © 1972
By the Mining Institute
Vancouver, B.C.

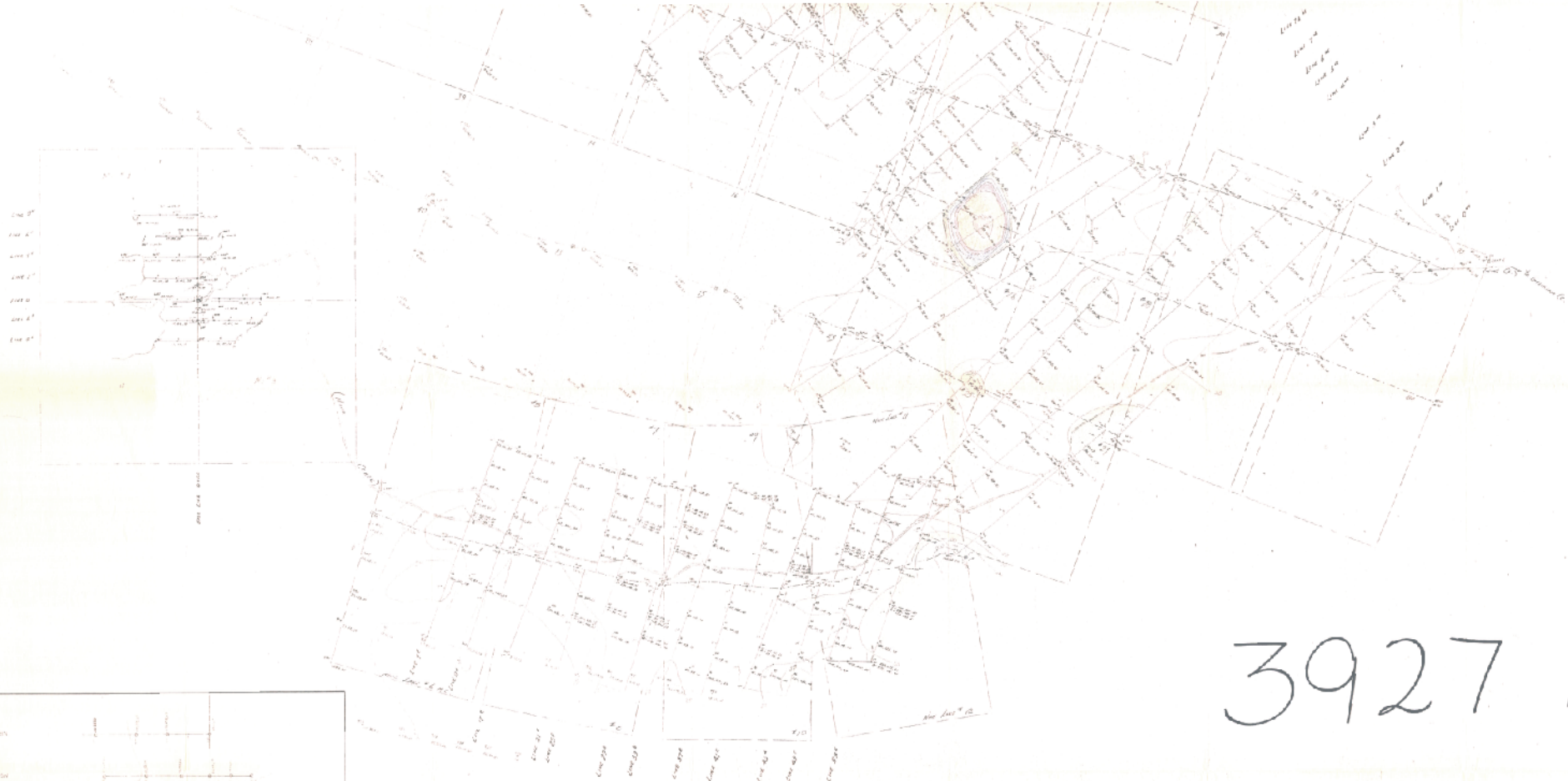
11
N

LEGEND

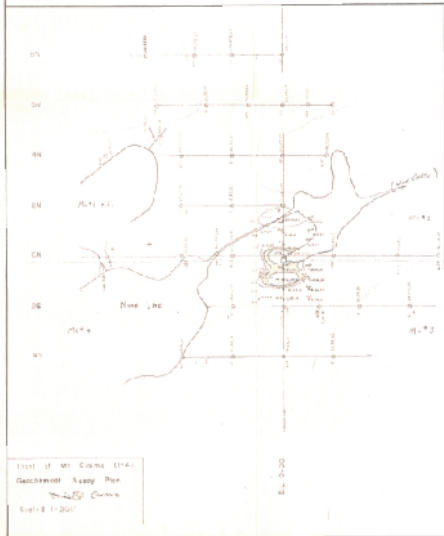
- Claim Location Line
- Claim Boundary
- Sample Site
- Package Marker
- △ Camp Location
- Sample plus
Chemical Assay (Cu, Zn, Pb, Ag, As)
i.e. parts per million
Soil Sample Size
(all others are SOIL SAMPLES)

Standard Color Code (Soil and SW Samples)					
Color No.	Cu ppm.	Zn ppm.	Pb ppm.	Ag ppm.	As ppm.
816	0-50	0-100	0-25	0-25	0-5
817	51-100	101-200	26-50	26-50	5-10
818	101-200	201-400	51-100	51-100	10-20
819	201-400	401-800	101-200	101-200	20-50
820	401-800	801-1600	201-400	201-400	50-100
821	801-1600	1601-3200	401-800	401-800	100-200
822	1601-3200	3201-6400	801-1600	801-1600	200-500
823	3201-6400	6401-12800	1601-3200	1601-3200	500-1000
824	6401-12800	12801-25600	3201-6400	3201-6400	1000-2000





3927 M-6



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO 3927 MAP #6

This map is intended to be used in conjunction with the geophysical and geochemical report by J. F. Smith, 1984, in the file and also the maps in the same file, and should not be used as a basis for any other purpose.

MC and NINE LAKE CLAIM GRP	
GEOCHEMICAL SOIL SURVEY	
LEAD	
PROJECT: DEWAR CREEK, BC	
PROJ NO. 804	SURVEYED BY: J. F. Smith
DATE SURVEYED: 1984	
NTS 82 P. 1/100	SCALE: 1"=400'
MAP NO. 4 C	KERR ADDISON MINES LTD
PS	OFFICE: VANCOUVER