

# MAR 19980018: CHAIN LAKES

Received date: Sep 29, 1998

Public release date: Sep 30, 1999

## **DISCLAIMER**

By accessing and using the Alberta Energy website to download or otherwise obtain a scanned mineral assessment report, you ("User") agree to be bound by the following terms and conditions:

- a) Each scanned mineral assessment report that is downloaded or otherwise obtained from Alberta Energy is provided "AS IS", with no warranties or representations of any kind whatsoever from Her Majesty the Queen in Right of Alberta, as represented by the Minister of Energy ("Minister"), expressed or implied, including, but not limited to, no warranties or other representations from the Minister, regarding the content, accuracy, reliability, use or results from the use of or the integrity, completeness, quality or legibility of each such scanned mineral assessment report;
- b) To the fullest extent permitted by applicable laws, the Minister hereby expressly disclaims, and is released from, liability and responsibility for all warranties and conditions, expressed or implied, in relation to each scanned mineral assessment report shown or displayed on the Alberta Energy website including but not limited to warranties as to the satisfactory quality of or the fitness of the scanned mineral assessment report for a particular purpose and warranties as to the non-infringement or other non-violation of the proprietary rights held by any third party in respect of the scanned mineral assessment report;
- c) To the fullest extent permitted by applicable law, the Minister, and the Minister's employees and agents, exclude and disclaim liability to the User for losses and damages of whatsoever nature and howsoever arising including, without limitation, any direct, indirect, special, consequential, punitive or incidental damages, loss of use, loss of data, loss caused by a virus, loss of income or profit, claims of third parties, even if Alberta Energy have been advised of the possibility of such damages or losses, arising out of or in connection with the use of the Alberta Energy website, including the accessing or downloading of the scanned mineral assessment report and the use for any purpose of the scanned mineral assessment report so downloaded or retrieved.
- d) User agrees to indemnify and hold harmless the Minister, and the Minister's employees and agents against and from any and all third party claims, losses, liabilities, demands, actions or proceedings related to the downloading, distribution, transmissions, storage, redistribution, reproduction or exploitation of each scanned mineral assessment report obtained by the User from Alberta Energy.

19980018

SEP 29 1998

**METALLIC & INDUSTRIAL PERMIT NO 9396080077**

**ASSESSMENT REPORT AUGUST 29, 1996 TO AUGUST 29, 1998**

Art. 916-2203

**METALLIC & INDUSTRIAL PERMIT NO 9396080077  
ASSESSMENT REPORT AUGUST 29, 1996 TO AUGUST 29, 1998  
INDEX**

<b>SUMMARY</b>	<b>PAGE 1</b>
<b>INTRODUCTION</b>	<b>PAGE 2</b>
<b>PERMIT AREA MAP</b>	<b>PAGE 3</b>
<b>PERMIT TABULATION</b>	<b>PAGE 4</b>
<b>WORK PERFORMED</b>	<b>PAGES 5 TO 8</b>
<b>EXPENDITURES</b>	<b>PAGE 9</b>
<b>CONCLUSIONS</b>	<b>PAGE 10</b>
<b>REPORT AUTHORS</b>	<b>PAGE 11</b>

## SUMMARY

Assessment work performed during the first two year period of the permit consisted primarily of permit exploration aimed at identifying sites of previous activity, logging of promising areas for future in depth exploration, collecting samples from various permit areas and identifying and mapping alternative access routes.

By the end of the summer of 1998 two areas of the permit had been identified as warranting further prospecting and an increased commitment of resources. Plans for the summer of 1999 call for in depth prospecting and geological analysis in the identified areas.

## INTRODUCTION

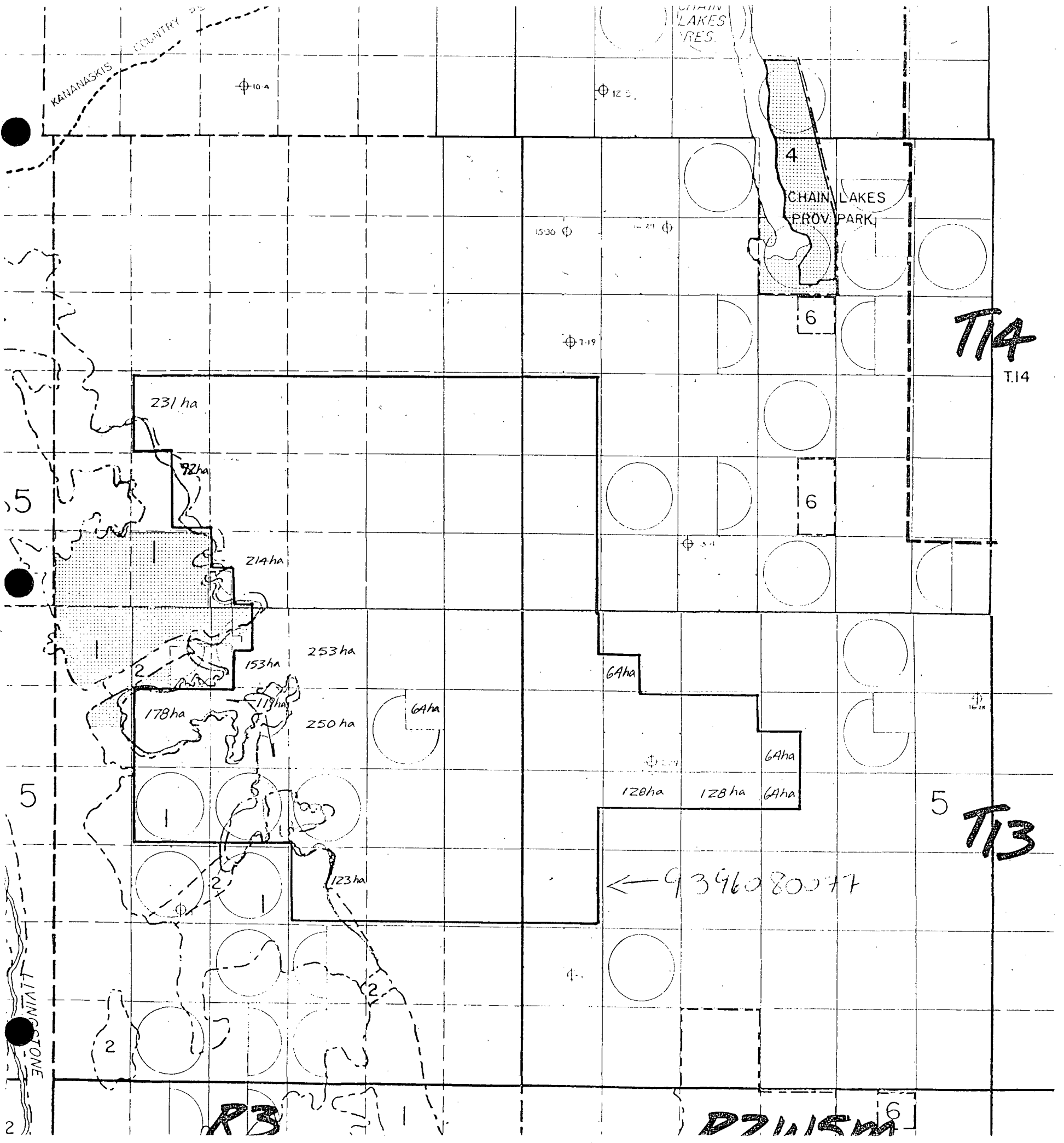
During the first two years of the permit the majority of work performed related to determination of physical lease boundaries, assessing access routes, identifying previous areas of activity and logging locations for future extensive prospecting.

The focus was on taking and logging samples for future analysis by geologists and based on a visual inspection of the samples and formations determine where to concentrate resources in the following two years of the permit.

Determination of the most appropriate and economical means of accessing various areas of permit was an important component of our efforts during the first permit period.

Exploration of the permit areas in the first two years was carried out by packing in with horses and utilization of quads. Hand tools were utilized for sampling and panning.

The work performed has been organized and is presented on a trip by trip basis with areas explored on each trip identified on the attached map.



KANAUKSIS COUNTRY

CHAIN LAKES RES.

CHAIN LAKES PROV. PARK

5

5

2

LIVINGSTONE

10.4

12.5

15.30

1.19

3.4

16.28

231 ha

92 ha

214 ha

253 ha

153 ha

178 ha

118 ha

250 ha

64 ha

64 ha

64 ha

128 ha

128 ha

64 ha

123 ha

5

T14

T14

T13

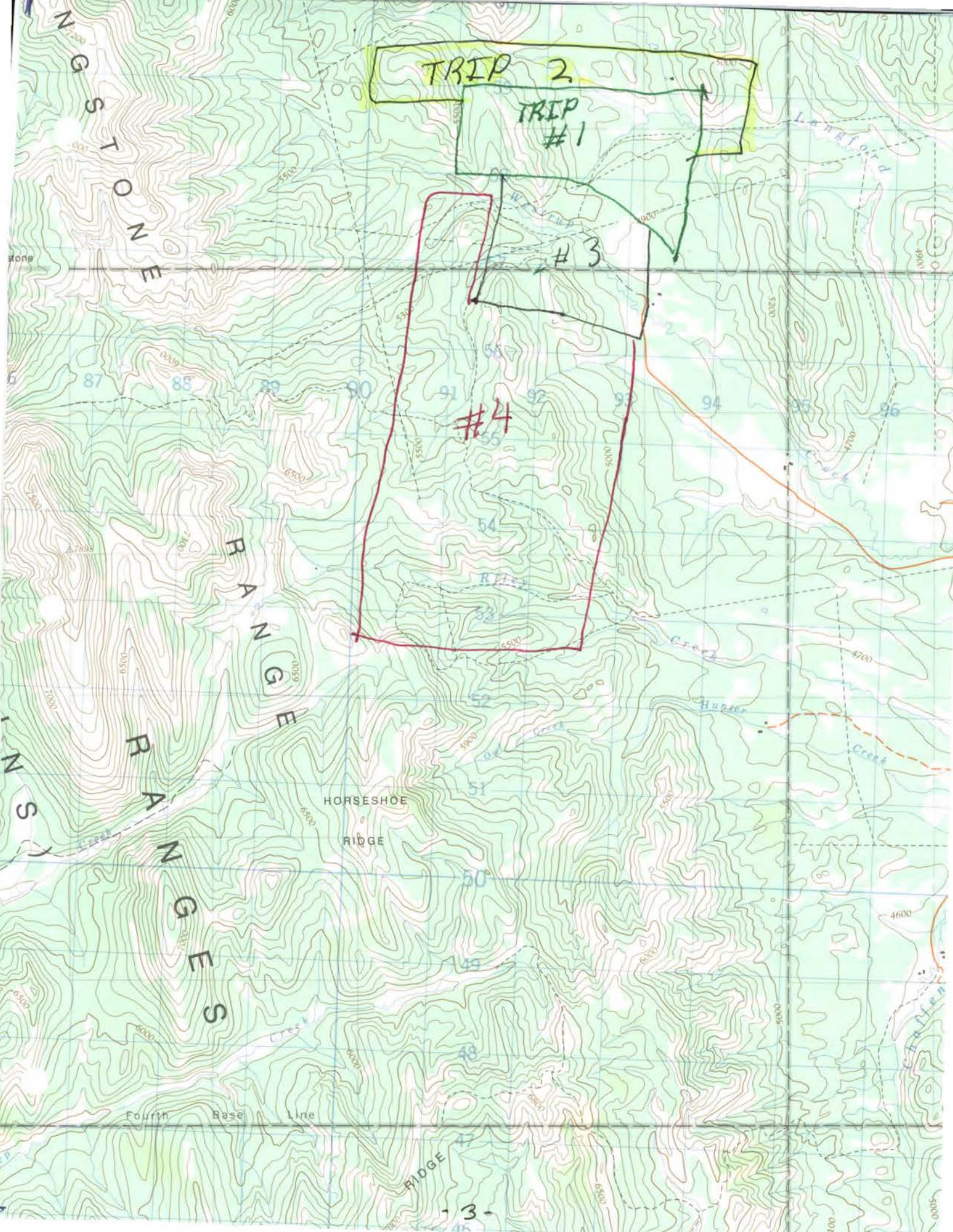
← 9396080077

P3

P2115M

6





TRIP 2

TRIP #1

#3

#4



## PERMIT TABULATION

**Metallic and Industrial Minerals Permit No. 939080077**

**Issue Date:** August 29, 1996

**Permit Holders:**

Original Permit Holders:

Art James Mckenzie	25%
Lucien Roger Morin	25%
Dirk Kieft	25%
Frank Henry Edgell	25%

Current Permit Holders:

Transfer of Specified Undivided Interest in Agreements - Form D - filed

Art James Mckenzie	33 1/3%
Lucien Roger Morin	33 1/3%
Dirk Kieft	33 1/3%



## **WORK PERFORMED**

### **TRIP REPORT - AUGUST 30 TO SEPTEMBER 14, 1996**

**Purpose:**

To explore the areas at the base of Mount Livingstone and areas to the North.

**Intent:**

To identify signs of previous diggings and placer mining and physically identify the West and North boundaries of the claim per topographic maps.

**Work performed:**

Samples were taken for geologist's future reference and the location of promising formations were logged

**Results:**

Based on this trip it was determined to prospect the areas further to the North and locate an easier access route.

**TRIP REPORT - JULY 5 TO JULY 19, 1997**

**Purpose:**

To explore the areas at the North end of the permit.

**Intent:**

To identify signs of previous diggings and placer mining, take samples and physically identify the North boundary of the claim per topographic maps.

**Work performed:**

A new location was moved to every other day and sample rock formations and pan sediments were taken to identify mineral content.

**Results:**

Based on this trip it was determined to prospect the areas further to the South and concentrate on areas identified as scull stream and the chute. It was also determined to pack in more horses and tools on subsequent trips.

**TRIP REPORT - AUGUST 13 TO AUGUST 30, 1997**

**Purpose:**

To explore the areas at the East end of the permit and continue exploration of the chute.

**Intent:**

To identify signs of previous diggings and placer mining, take samples and physically identify the East boundary of the claim per topographic maps. To hand dig deeper and pan at the base of the chute.

**Work performed:**

A new location was moved to every other day towards the Eastern boundary and sample rock formations and pan sediments were taken to identify mineral content. Promising rock formation were logged for future reference.

**Results:**

Based on this trip it was determined to prospect the areas further to the South and East and with the presence of concentrate on areas identified as the tennis court and the chute. In order to minimize future travel time it was determined to pack in deeper with the horses and tools.

**TRIP REPORT - JULY 10 TO JULY 30, 1998**

**Purpose:**

To explore the area at the confluence of the east and west drainage of the headwaters of Westrup Creek into the Southern drainage at the East boundary of the permit.

**Intent:**

To identify signs of previous diggings and placer mining, take samples and physically identify the South central boundary of the claim per topographic maps.

**Work performed:**

Rock formations were sampled and promising rock formation were logged for future reference.

**Results:**

Based on this trip and the promising abundance of geodes it was determined to prospect this area further and concentrate efforts on the areas identified as the tennis court and the chute.

## EXPENDITURES

Number of trip days	61
Number of men per trip	4

Horse and tack rental six horses including pack horses at \$55.00 per day per horse for 61 days	\$ 20,130.00
Quad rental - one quad per trip at \$200.00 per day	12,200.00
meals and supplies at \$30.00 per day per man	7,320.00
small tools - prospecting and camping	1,675.00
horse trailer rental at \$1.25 per km and 980 km per trip based on Stony Plain to site	4,900.00
truck rental and fuel at \$1.25 per km and 980 km per trip based on Stony Plain to site	4,900.00
auto and travel - Calgary to site 240 km per trip at \$0.40 per km	384.00
auto and travel - Denver to site at 1,667 km per trip at \$0.40 per km	2,667.00
telephone costs for the period	2,300.00
office supplies	550.00
permit costs	450.00
accounting and professional fees	<u>500.00</u>
<b>TOTAL EXPENDITURES</b>	<b>\$ 57,976.00</b>



## CONCLUSIONS

The exploration and prospecting carried out during the first two years of the permit has allowed us to identify areas of the permit that we feel warrant in depth and more intensive geological study.

Samples taken and logged will be subjected to a geologists analysis over the winter to confirm our visually findings.

This has been based primarily on a visual inspection of panning results, the presence of geodes and the prevailing rock formations. The area explored in the last trip (July of 1998) has been identified as the primary area of concentration.

The most direct and efficient access routes to the areas have been mapped as well as the best staging areas for further exploration.

Equipment requirements for further work have been identified and preliminary cost estimates prepared to carry out the next phase of exploring and potentially developing the permit area.

Based on the results of our first two years we are optimistic about the potential of the permit area and are prepared to commit the necessary resources to move to the next step.

## REPORT AUTHORS

Art James Mckenzie

permit holder

equipment contractor

farming

Lucien Roger Morin

permit holder

heavy equipment sales

Dated this 23 day of September, 1998



Art James Mckenzie