

TITLE PAGE

Prospecting Report-Falls Group

Claims prospected-wildcat M.C. Rec# 1778-20 units
Allie M.C. Rec.# 1777-9 units

CLINTON MINING DIVISION

Map 92P2w

Latitude 51° 09'

Longitude 120° 51'

Owner, operator, author of report-Michael Dickens

Report submitted 28 October, 1985

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,568

Hamloco?



Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S) <i>Prospecting</i>	TOTAL COST <i>3490</i>
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AUTHOR(S) *Michael Dickens* SIGNATURE(S)

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED *July 30, 1985* YEAR OF WORK *84*

PROPERTY NAME(S) *WILDCAT, ALLIE*

COMMODITIES PRESENT *—*

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN *—*

MINING DIVISION *Clinton* NTS *92P2N*

LATITUDE *51°09'* LONGITUDE *120°51'N*

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

Wildcat -1778 20 units
Allie 1777 9 units

OWNER(S)
(1) *Michael Dickens* (2)

MAILING ADDRESS
Box 116
Savona, B.C. V0K 2J0

OPERATOR(S) (that is, Company paying for the work)
(1) *As above* (2)

MAILING ADDRESS

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):
Three rock types are observed to underlie the Wildcat-Allie claims. Triassic Nicola group andesites and ^{the} co-eval Thuya granodiorite batholiths are capped by Miocene Plateau basalts. Minor pyrite and Chalcopyrite occur within 2.5cm wide quartz carbonate veins within the ^{cutting} host by the andesites.

REFERENCES TO PREVIOUS WORK

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	COST APPORTIONED
GEOLOGICAL (scale, area)			
Ground	.....	.....	.....
Photo	.....	.....	.....
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic	.....	.....	.....
Electromagnetic	.....	.....	.....
Induced Polarization	.....	.....	.....
Radiometric	.....	.....	.....
Seismic	.....	.....	.....
Other	.....	.....	.....
Airborne	.....	.....	.....
GEOCHEMICAL (number of samples analysed for)			
Soil	.....	.....	.....
Silt	.....	.....	.....
Rock	.....	.....	.....
Other	.....	.....	.....
DRILLING (total metres; number of holes, size)			
Core	.....	.....	.....
Non-core	.....	.....	.....
RELATED TECHNICAL			
Sampling/assaying	.....	.....	.....
Petrographic	.....	.....	.....
Mineralogic	.....	.....	.....
Metallurgic	.....	.....	.....
<u>PROSPECTING</u> (scale, area)	1:31,680		
PREPARATORY/PHYSICAL			
Legal surveys (scale, area)	.....	.....	.....
Topographic (scale, area)	.....	.....	.....
Photogrammetric (scale, area)	.....	.....	.....
Line/grid (kilometres)	.....	.....	.....
Road, local access (kilometres)	.....	.....	.....
Trench (metres)	.....	.....	.....
Underground (metres)	.....	.....	.....
			TOTAL COST 3,490.00...

FOR MINISTRY USE ONLY	NAME OF PAC ACCOUNT	DEBIT	CREDIT	REMARKS:
Value work done (from report) 3490.00				Complete prospecting report except author should show documentation (MARQ-4) and signature Information Class 4
Value of work approved 2900.00				
Value claimed (from statement) 2900.00				
Value credited to PAC account				
Value debited to PAC account				
Accepted <i>REK</i> Date 5-5-86	Rept. No. 85-742-1A568			

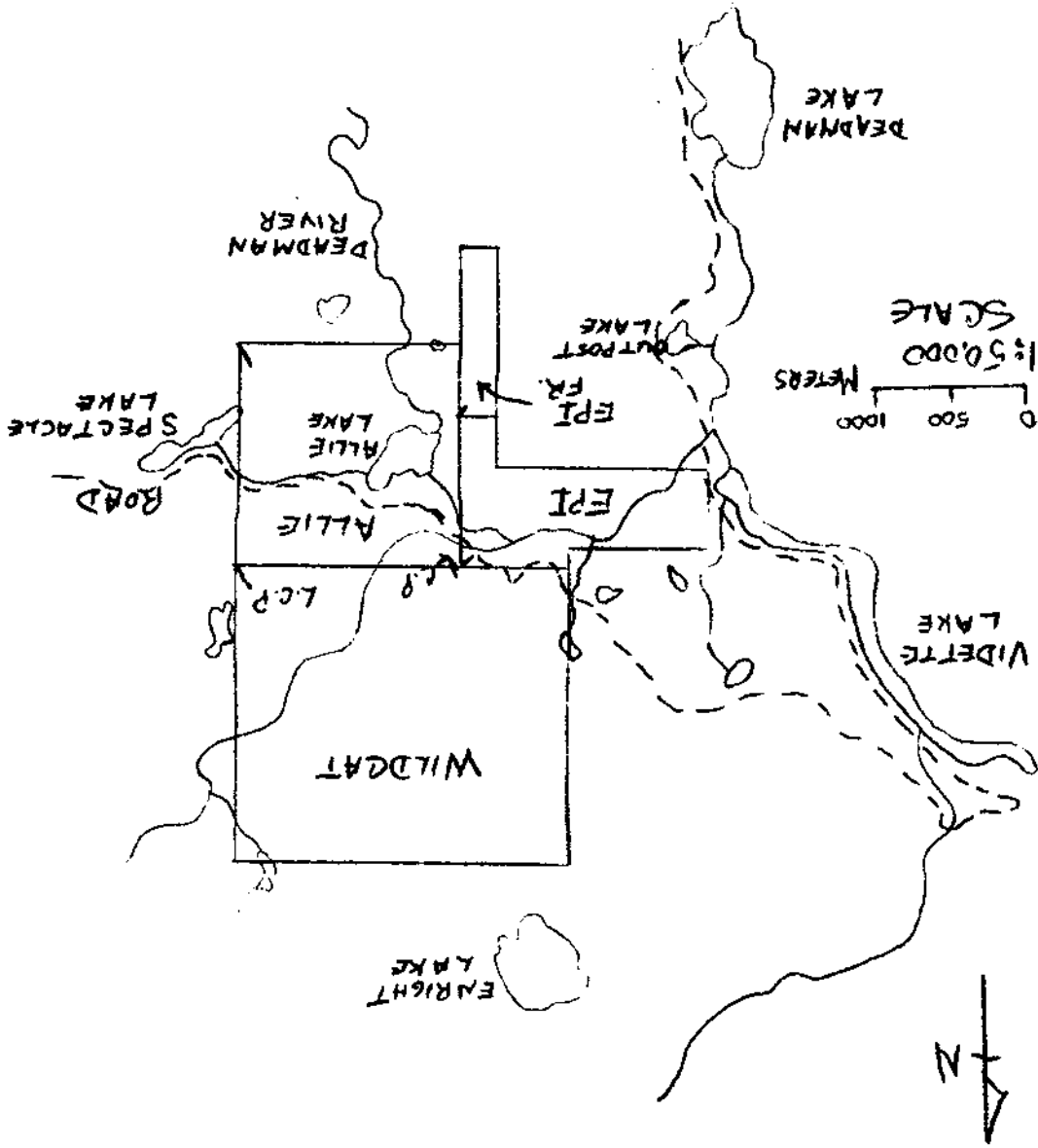
TABLE OF CONTENTS

Page#

- 1. Title page
- 2. Table of contents
- 3. Location map
- 4. Introduction
- 5. Work Summary-Prospecting
- 6. Geology map
- 7. Statement of Expenditures
Statement of Qualifications

1.4/20 0

LOCATION MAP FALLS GROUP



INTRODUCTION

The Allie and Wildcat claims are located approximately 2 km. east of Vidette Lake. Access to the area is provided by an all-weather gravel road along the Deadman River valley which joins the Trans-Canada Highway about 6 km. west of Savona.

The claims lie within the southern part of the Fraser Plateau at an average elevation of approximately 3000 metres in rather flat-lying country with an elevation range of about 150 metres. Much of the claimed area is drift covered with few rock outcrops.

The Allie and Wildcat claims were staked to cover possible extensions of epithermal mineralization in Nicola volcanics which occurs on the Precisely property to the south and on the Epi claims (also part of the Falls Group) to the west. To date, no similar mineralization has been encountered although float boulders of interest have been discovered in three locations.

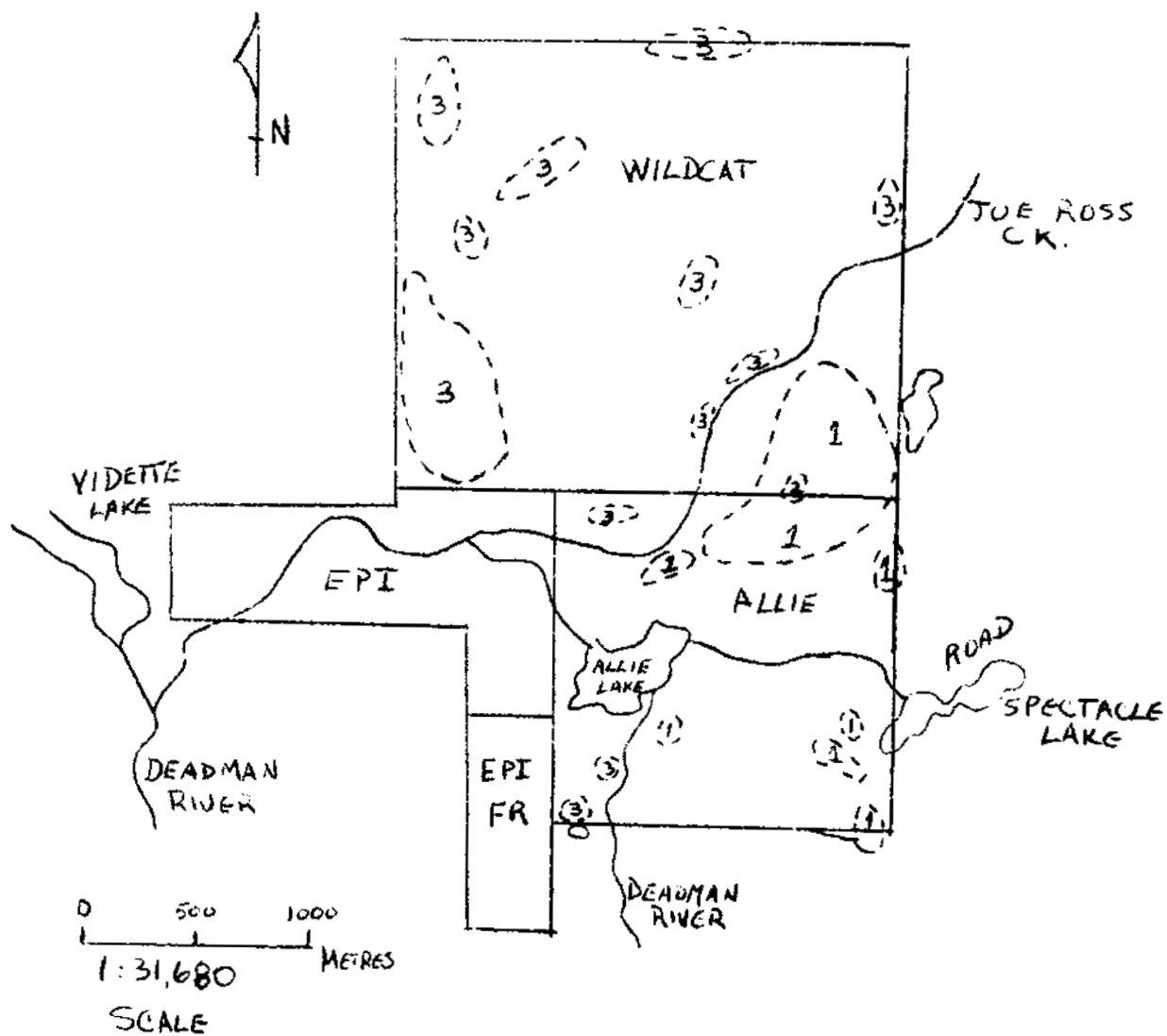
PROSPECTING

Twelve days were spent prospecting on the Wildcat and Allie claims from 23-30 October, 1984 and 19-22 June, 1985. East to west traverses were made at 200 metre intervals from the southern perimeter of the claims. A map showing the outcrops noted is provided on the following page.

Rock types observed include:

- 1. Nicola Formation-Triassic Nicola andesite outcrops over limited area in the southeastern part of the Allie claim. This andesite is commonly coarse-grained, with chlorite and epidote and locally up to 1% pyrite. Further north and extending into the southeastern part of the Wildcat claim the andesites are similarly altered and in addition exhibit considerable hematite along fracture planes. Occasional quartz and calcite veins were observed up to 1' in width with minor pyrite and chalcopyrite mineralization.
- 2. Granodiorite-presumably related to the Thuya Batholith of Triassic-Early Jurassic age is in contact with Nicola andesite on the Wildcat claim. This intrusive exhibits minor hematite and ankerite alteration.
- 3. Miocene Plateau Basalts-predominantly olivine basalt with minor amygdaloidal basalt overlies the Nicola rocks over a considerable area. These basalts and the extensive glacial drift cover the presumed faults and possible strike extensions of the known mineralized zones on the adjoining claims.

GEOLOGY - WILDCAT, ALLIE M.C.'S



1. NICOLA ANDESITE
2. GRANODIORITE
3. PLATEAU BASALTS

STATEMENT OF EXPENDITURES

Prospecting claims-12 days @ \$225.00/day.....	\$2700.00
4x4 truck rental.....	600.00
gasoline	190.00
Total Costs	<u>\$ 3490.00</u>

Statement of Qualifications

I have been a prospector in B.C. since 1972. For the past 8 years I have been self-employed as a full-time prospector. Although I have not had formal education in geology I have studied several textbooks on the subject as well as many government reports and publications describing regional and local geology throughout B.C.