

PROSPECTING REPORT

on the

SEARCHER NO. 2 FRACTION

LOT 4742

CLINTON MINING DIVISION

92P/2e

LAT.  $51^{\circ}10'$  LONG.  $120^{\circ}54'$

by

JAY D. MURPHY, P. ENG.

OWNER-OPERATOR

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT

7164

TABLE OF CONTENTS

	<u>PAGE NO.</u>
INTRODUCTION	1
MINE GEOLOGY	1
WORK DONE	1
STATEMENT OF COSTS	1
STATEMENT OF QUALIFICATIONS	2

LIST OF ILLUSTRATIONS

PLATE NO. 1	LOCATION MAP	LOT 4742	
	1:50000		3

7164

STATEMENT OF QUALIFICATIONS

I, Jay D. Murphy, hereby certify:

1. That I am a Consulting Geological Engineer, resident at 1335 Todd Road, Kamloops, B.C.
2. That I am a graduate from the University of Manitoba (1954) with a B. Sc. in Geological Engineering.
3. That I have practiced my profession continuously since graduation.
4. That I am a member of the Association of Professional Engineers of British Columbia and Ontario.
5. That the information contained in this report is based on a personal examination of the subject property.



*Jay D. Murphy P. Eng.*  
Jay D. Murphy, P. Eng.

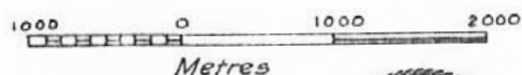
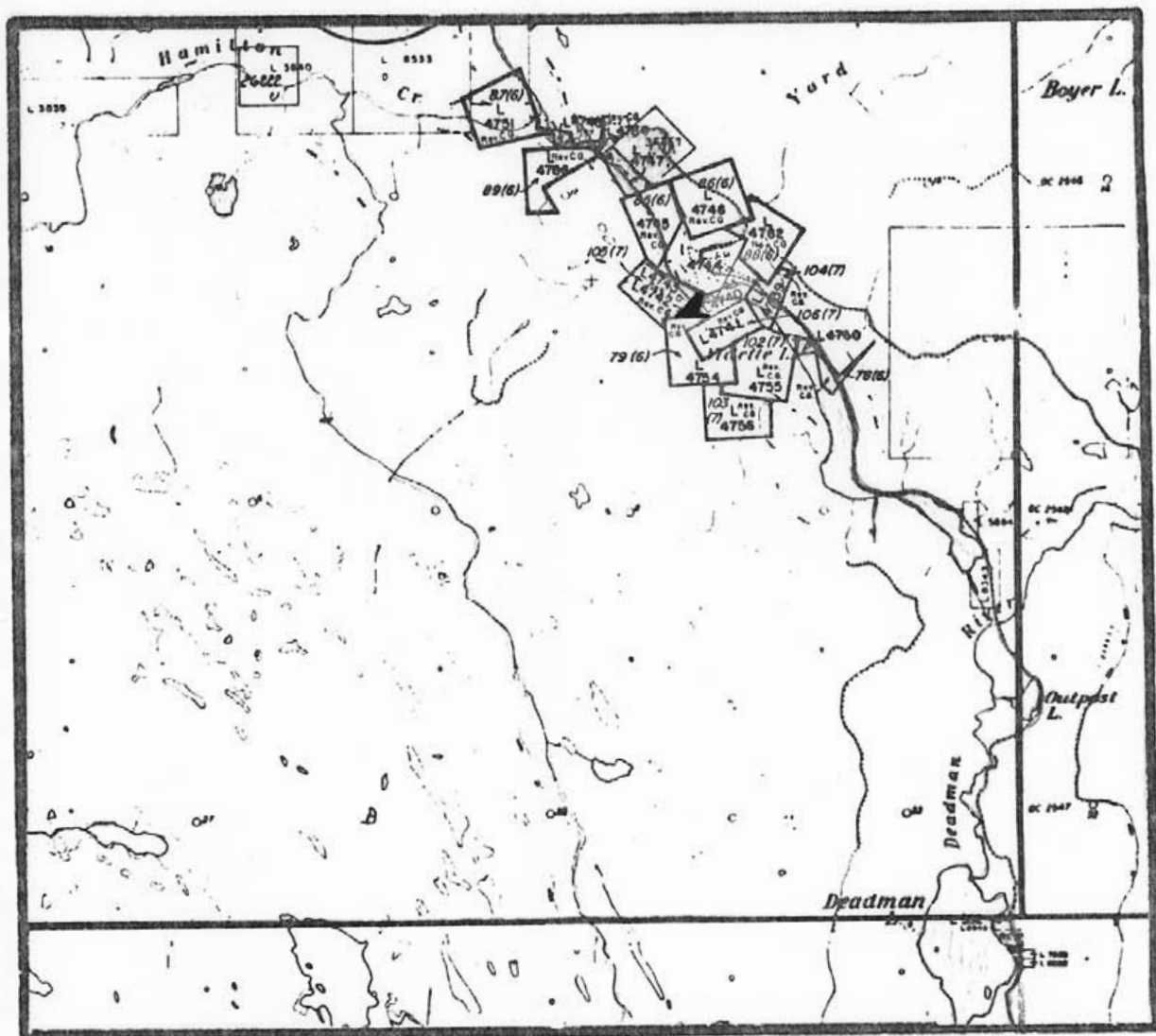
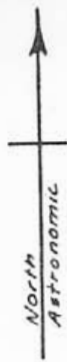


PLATE No. 1

LOCATION MAP

LOT 4742

92P/2E

J.D. Murphy	1:50000	79-3-10
-------------	---------	---------

## INTRODUCTION

The Searcher No. 2 Fraction is a reverted crown-grant that was part of the original Vidette Gold Mines property. This operation produced over 54000 tons of ore averaging 0.55 oz. Au and 0.85 oz. Ag between 1934 and 1940. The claim is situated on the southwest end of Vidette Lake at the north end of Deadman River valley, a narrow depression incised to a depth of approximately 120 m into Tertiary volcanic and sedimentary formations of the Bonaparte-Trouville Plateau. Underlying Triassic rocks of the Nicola Group volcanics are exposed in the mine area.

Access is by the Deadman River road, a distance of approximately 50 km from the turnoff on the Trans Canada Highway 9.3 km west of Savona.

## MINE GEOLOGY

Reports indicate that commercial gold values occur in narrow ribbon quartz veins filling fractures in andesitic rocks of the Nicola Group. Mineralization includes pyrite and chalcopryrite, the gold values apparently associated with the latter mineral. Gold tellurides are also reported. Veins strike northwest and dip northeast at moderate angles. Faults striking northwest and eastwest interrupt and offset the veining causing displacements up to 20 m.

## WORK DONE

One day (June 5, 1978) was spent, mostly on travel and orientation, to determine the exact location of Lot 4742 and the condition of access roads to Vidette Lake. A short time was spent examining outcrops in the general claim area. No. samples were taken and no significant veining observed.

## STATEMENT OF COSTS

Travel Kamloops-Vidette Lake and return	=	\$ 39.45
263 km at 15¢/km	=	75.00
1 man day at \$75.00/day	=	<u>75.00</u>
TOTAL		<u>\$114.45</u>