

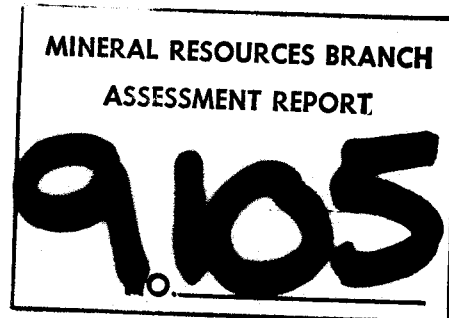
PROSPECTING ASSESSMENT REPORT

on the  
WHITE GROUSE GROUP  
situated  
south of Meacham Creek  
on  
White Grouse Mountain

in the  
Nelson Mining District

NTS Location 82F/8 & 9W  
Latitude & Longitude 50° 116° S.W.

on behalf of  
Gerhardi Holdings Ltd.  
of  
Nelson, B.C.



Report by: D.J. GALLAGHER  
Pearson Gallagher Ltd.  
March, 1981.

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White Horse

YUKON

NORTHWEST TERRITORIES

ALBERTA

BRITISH COLUMBIA

Prince Rupert

Prince George

Edmonton

Calgary

PROPERTY

Nelson

Trail

Creston

Vancouver

UNITED STATES

PEARSON GALLAGHER LTD  
WHITE GROUSE GROUP  
NELSON MINING DIVISION  
BC

LOCATION & ACCESS

The White Grouse Group is located on a ridge network extending south from White Grouse Mountain on the border of the Fort Steele and Nelson Mining Divisions.

Access to the claims is provided by a logging road which leaves from St. Mary's Lake and follows Meacham Creek to one kilometer west of the western boundary of the claim. In winter, spring and fall, access is by helicopter.

There is also a trail from the Sanca Creek drainage basin starting from Kootenay Lake which connects to the old Goat River trail starting at Kitchener.

PROPERTY INFORMATION

This report covers the following claims of the White Grouse Group.

<u>Name</u>	<u>Lot No.</u>	<u>NTS Location</u>	<u>Month of Expiry</u>
Big Four	3836	82F/9W	March
Copper King	3835	82F/9W	March
Mammoth	3837	82F/9W	March
Robber King	3626	82F/9W	March
Nowell	3838	82F/9W	March
Banner	3839	82F/9W	March
Colby	6340	82F/9W	March
Silver Tip	3840	82F/9W	April
Duplex	3632	82F/9W	April
Gem	3631	82F/8W	July
Tamarack	6338	82F/8W	October

The latitude and longitude of the claims are 50° 116° S.W.  
Work was done on the Copper King and Silver Tip claims.

#### HISTORY

The claims included in the White Grouse Mountain Camp were staked from 1892 - 1896. Development work was carried out and ore was taken from the Copper King Group. At this time, access was a major hindrance in working the claims.

From March to October of 1980, Daniel Gallagher, agent for Gerhardi Holdings Ltd. acquired and prospected the claims.

#### GENERAL SETTING

The White Grouse Group is situated south of White Grouse Mountain in the Purcell Mountain range between Kootenay Lake Valley and the Columbia River Valley. The elevations of the claims are between 6,000 and 7,900 feet above sea level.

The vegetation is sparse alpine cover at the higher levels gradually thickening at lower levels. The forest is coniferous including spruce, fir and larch trees.

The terrain is relatively steep and rugged in the east west direction with basins and ridges extending in several directions.

The rock covers the contact between the Creston Formation, Kitchener Siyeh Formation and a Post-Triassic granite Formation. The Creston Formation consists of green purple and grey, argillaceous quartzite and some argillite. The Kitchener

Siyeh Formation consists of various colours of magnesium limestone and argillite, calcareous quartzite.

#### PROCEDURES

The property was visited twice by the author and Robin W. Pearson. Transportation was provided by a helicopter based at Nelson, B.C. On the July 18th, 1980, visit we made several passes in the helicopter to locate the approximate location of the claims from topographical features. On the Copper King claim, two adits and dumps were located and visited. The adits were driven on parallel veins striking on a south easterly trend. (Refer to Copper King Claim Map - Envelope). The veins could be seen to continue for over a mile on strike over the ridge extending from White Grouse Mountain. A fairly representative sample was taken from the more westerly workings and consisted of tetrahedrite and chalcopyrite mineralization in a quartz gangue. The gangue averages about four feet in width. (Refer to Copper King Claim Map - Envelope).

Another helicopter trip was made to the Copper King and Silver Tip claims on September 24, 1980. Robin Pearson again accompanied the author. The old workings on the Copper King were further explored. The surface outcrops of the vein structures were walked for several hundred yards confirming the average width of three feet to five feet.

The Silver Tip mineral claim was then visited and sampled, the results being shown on Page 8. The sample locations are shown on the Silver Tip Claim Map, Envelope. The mineralization consists of copper carbonates, azurite, malachite with visible tetrahedrite and calchopyrite. Pyrite specimens were found around the workings of a shaft on the property.

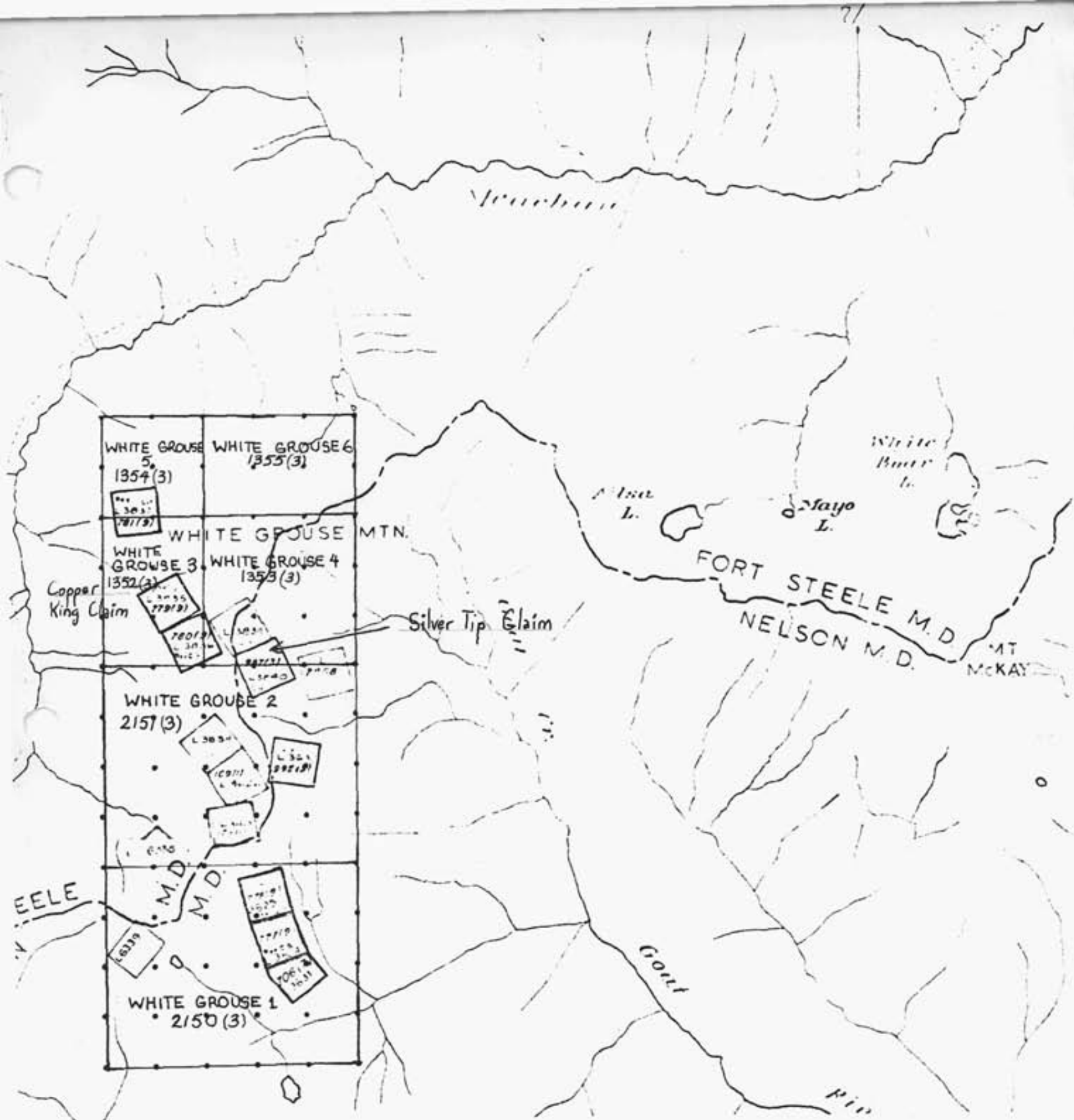
#### RECOMMENDATIONS

It is recommended that an extensive prospecting and mapping program to correlate geological structures and outlining the significance of various mineral occurrences. This should be followed up with a comprehensive geochemical soil and silt reconnaissance program to locate anomalous high zones. It is also recommended that such high zones be further explored with detailed geochemical surveys and appropriate geological surveys such as E.M. - V.L.F. to trace the extension of the known surface vein structure.

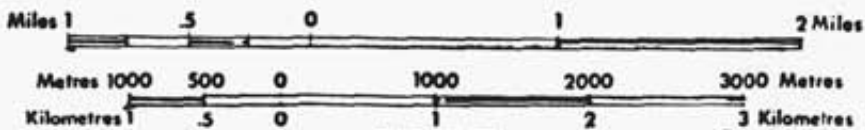
The mineralization and strong vein structure on the claims visited was very impressive. Coupled with the information from the old reports to the Minister of Mines that some ore with good grades was mined and shipped by mule to Kitchener, we feel this to be an excellent prospect. The main drawback to exploration and development in the past was the remote location with poor access. Today the properties are greatly

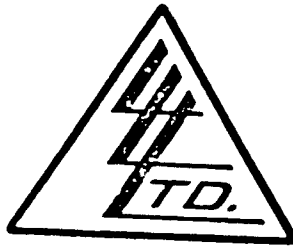
enhanced with the completion of a good logging road which follows Meacham Creek and goes within one-half mile of the claim.





M82F/8,9W





File No. 20510  
 Date November 3, 1980  
 Samples Rock Chip

**Certificate of  
 ASSAY of  
 LORING LABORATORIES LTD.**

SAMPLE No.	OZ./TON: GOLD @ 750/100	OZ./TON SILVER	% Cu @ 100/100	% Pb @ 100/100	% Zn @ 100/100	% Ba @ 100/100
<u>"Rock Chips"</u>						
③ 7736	Trace	.90	2.45	.01	.05	-
④ 7737	Trace	Trace	1.18	-	-	-
⑤ 7738	Trace	.02	1.19	-	-	-
① 7739	.070	2.91	9.77	.20	.87	-
② 7740	Trace	1.12	-	-	-	-

I HEREBY CERTIFY THAT THE ABOVE RESULTS ARE THOSE  
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Objects Retained one month.  
 Samples Retained one month  
 unless specific arrangements  
 made in advance.

*D. E. Eider*

ANALYST

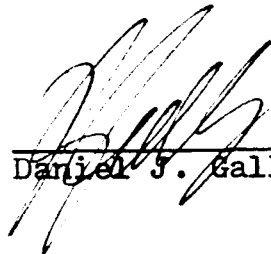
ITEMIZED COST STATEMENT

Helicopter Fees, 1 day, July 13th, at \$550. per day	= \$	550.00
Wages, 1 day, July 18th, 2 prospectors at \$250. per day	=	500.00
Helicopter Fees, 1 day, September 24th, at \$856.61 per day	=	856.61
Wages, 1 day, September 24th, 2 prospectors at \$250. per day	=	<u>500.00</u>
TOTAL COST		<u><u>\$2,406.61</u></u>

AUTHOR'S QUALIFICATIONS

I, Daniel J. Gallagher, have completed the "Mineral Exploration for Prospectors" course offered by the Ministry of Energy, Mines & Petroleum Resources in April/May of 1979. I have been a prospector for the past ten years, have completed and passed the Rocks & Minerals Course given by George Addy, District Geologist for the Ministry of Energy, Mines & Petroleum in Nelson, BC

Signed:

  
\_\_\_\_\_  
Daniel J. Gallagher

SELKIRK



COLLEGE

CASTLEGAR, B. C., CANADA

COMMUNITY EDUCATION SERVICES

THIS IS TO CERTIFY THAT

DAN GALLAGHER

HAS PARTICIPATED IN

"MINERAL EXPLORATION FOR PROSPECTORS"

120 Hour Course

Sponsored by: Ministry of Energy, Mines & Petroleum Resources, & Ministry of Education, Science & Technology



*A. Frank Stephens*  
INSTRUCTOR, PROGRAM COORDINATOR

April 29 - May 12, 1979

*J. C. Baker*  
DIRECTOR OF COMMUNITY EDUCATION SERVICES