

Title Page

Nature of report: General prospecting, rock and silt sampling.

Specific claims: Dodko Group, Dodko #1 and #2, adjoining two post claims.

Mining Division: Omineca

Specific N. T. S. location: 93 M/5E, grid ref.: 251922

Latitude and longitude: 55 16' longitude, 127 32' 30" latitude

Owner of claims: Willis Korff

Consultant: Dr. Tom Richards

Author of report: Willis Korff

Author's qualifications: Completed Dep't. of Energy, Mines and Petroleum Resources prospecting course under direction of T. Schroel
Completed approved rock & mineral course, Northwest Community College, 1979 under direction of Dr. Tom Richards.

Date submitted: May 27, 1980

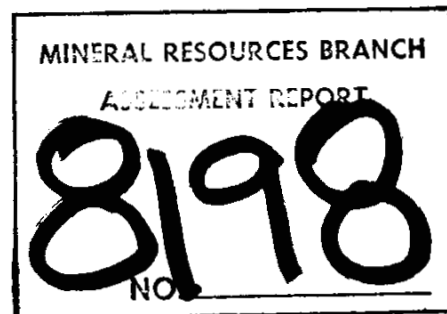


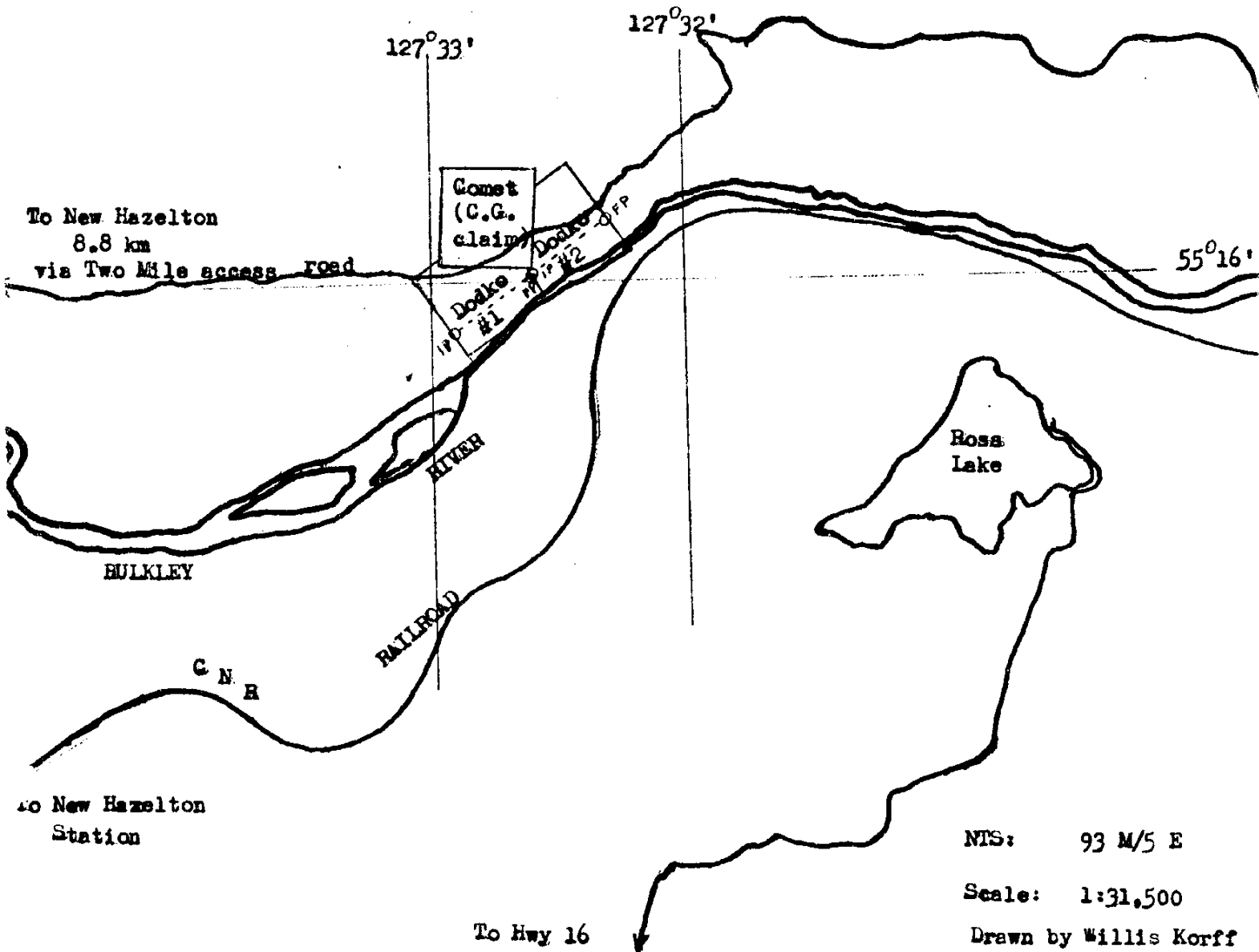
Table of Contents

Title Page	Page 1
Table of Contents	" 2
Index Map	" 3
Work Summary	" 4
" "	" 5
Plan Map	" 6
Itemized Cost Statement	" 7

Index Map, Dodko Group



Four Mile Mountain



Work Summary:

Total man-days prospecting: (nine)

- a) bedrock and float investigation
- b) silt sampling

Bedrock geology:

Fractured and baked sediments underlie most of the bedrock along the Bulkley River. The remainder of the area is covered by till and deciduous forest cover.

Granodiorite crops out in three localities:

- a) small exposure (dyke) near the westernmost margin of the claim.
- b) dyke-like body exposed in old adit at south center junction of Dodko #1 and #2 claims
- c) exposure near southeast end containing pyrrhotite

Alteration zones:

- 1) intermittent bleached sedimentary rocks near southeastern edge of claim exposed for approximately 60 meters (200 feet)
- 2) granodiorite exposed exposed in adit bleached with quartz-sericite alteration.
- 3) bleached granodiorite near southwest th corner of claim.

Mineral occurrences:

Molybdenite:

- a) molybdenite in place (1) located within the old adit in quartz veins and dissemination in altered granodiorite. A 15 meter chip sample in the adit assayed (assay A2) 0.01% MoS₂. A grab from a 2 meter well mineralized area 6 meters into the adit assayed 1.17% MoS₂ (assay A3) (2) 30 meters below the adit in the canyon MoS₂ in quartz/calcite vein in sediments ^{0.024} .7
- b) molybdenite in float- angular float containing molybdenite in granodiorite and combination quartz/calcite veins located in a 100 meter zone commencing approximately below the adit and continuing westerly.

Jamesonite:

- a) a six inch quartz vein well mineralized with Jamesonite located approx. 100 meters from southwest corner of claim (not assayed)
- b) angular pieces of Jamesonite in float in roadbed found near junction of Dodko #1 and #2 with Comet (crown grant) claim

Silt sampling:

eleven silt samples (not yet assayed) taken at seepages above high water mark commencing at easternmost end of claim and continuing for approx. 3/4 length of claim westerly along canyon wall.

Additional Mineral Occurrences:

small amounts of chalcopyrite located in quartz veins in and near the adit. A small showing of sphalerite found in granodiorite slightly east and 100' below the adit.

Work Summary continued:

Bright yellow gossens containing heavy pyrite at river's edge through the south center section of Dodko #2.

Pockets of magnetite and pyrite located at east and west extremities of the claim at river's edge.

A vein of arsenopyrite near the west end of Dodko #1 assayed as follows:

In PPM		In percentage				
Au	Ag	Co	Cu	Pb	Sb	Zn
0.7	<10	0.051	0.0088	0.003	.010	0.0053

A 50' chip sample taken from the rear of the adit at 2½ foot intervals assayed 0.04 molybdenum, 0.01 boron and a trace of copper.

A two meter grab sample taken from a high grade area 6 meters inside the adit assayed 1.17 percent molybdenum 0.01% boron and a trace of copper.

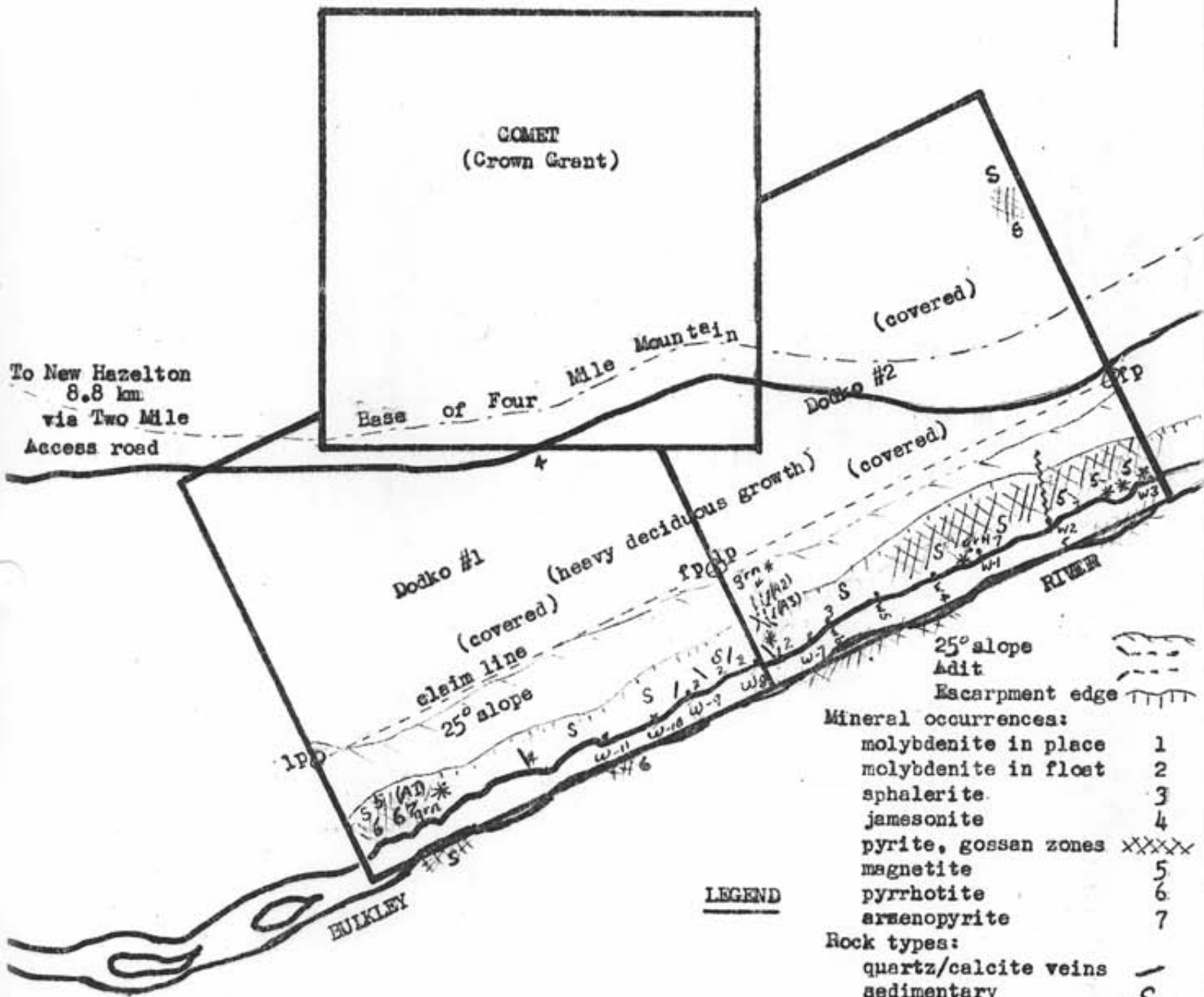
All assays done by Dep't of Energy, Mines and Petroleum Resources.

Squashed
mesquite



Dodko Group, Omineca Mining District

Plan



To New Hazelton
8.8 km
via Two Mile
Access road

COMET
(Crown Grant)

Base of Four Mile Mountain

Dodko #1

Dodko #2

(covered)

(heavy deciduous growth)

claim line

25° alope

25° alope

Adit

Escarpment edge

RIVER

BULKLEY

Mineral occurrences:

molybdenite in place	1
molybdenite in float	2
sphalerite	3
jamesonite	4
pyrite, gossan zones	XXXXX
magnetite	5
pyrrhotite	6
arsenopyrite	7

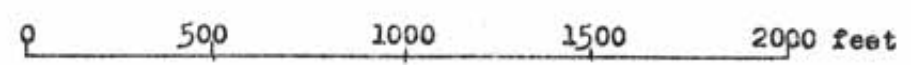
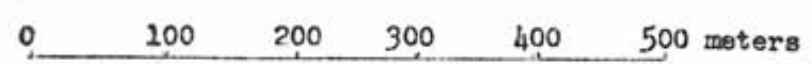
Rock types:

quartz/calcite veins	—
sedimentary	S
granodiorite	grn
fault	~~~~~
alteration, bleaching	*

Sample locations:
silt samples W1, W2, W3, ...
assayed A1, A2, A3
(done by E.C. Dep't of mines
energy & petro. rescas.)

LEGEND

Scale



Itemized Cost Statement

Valuation of work:

Days worked:		General prospecting	
April 21, 1979		Willis Korff and L. Dodding	2
May 15 "		" " " "	2
June 2 "		" " " "	2
June 4 "		Lloyd Dodding (w/Lornex geologist)	1
April 2 1980		Willis Korff	1
April 4 "		" "	1
		Preparation of report	
May 22 1980		Willis Korff	<u>1</u>
			10
		Total man-days; 10 @ 56.00	560.00

Expenses: Travel to and from claim

Distance 50 miles

6 trips total 300 miles @ .25 per mile

	75.00
Total valuation	<u>635.00</u>

