



THE GOVERNMENT OF
THE PROVINCE OF BRITISH COLUMBIA

DEPARTMENT OF MINES
AND PETROLEUM RESOURCES

FORM B (Section 51) MINERAL ACT

MINING RECORDER
ALBERNI, B.C.

OCT 17 1974

M.R. NO. _____ \$ _____

Supp 954 2318

Affidavit on Application to Record Work

1. I, CLIFFORD A. PEARSON Agent for WESTERN MINES LIMITED
(Name) (Name)
858 South Murphy Street P.O. Box 8,000
(Address) (Address)
Campbell River, B. C. Campbell River, B. C.
Free Miner's Certificate No. 130089 Free Miner's Certificate No. 123714
Date issued January 3, 1974 Date issued January, 1974

MAKE OATH AND SAY:

2. I have done, or caused to be done, work on the Mar 1 - 31 (inclusive), #W41, #W42,
#W43, #W46, #W47, #W85 FR (Cougar Group) Mineral Claim(s)
Record No.(s) 13983 - 14013 (incl.), 7068 - 7072 (incl.), & 8062
Situate at South end Buttle Lake in the Alberni Mining Division,
to the value of at least 37,000 dollars. Work was done from the 15th day
of April 19 74, to the 2nd day of October 1974
3. The following is a detailed statement of such work done in the 12 months in which such work is required to be done.

(COMPLETE APPROPRIATE SECTION(S) A, B, C, D, BELOW)

A. PHYSICAL (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails)

(Give details as required by regulations)

	COST
- Raising - 10G 529 Raise 120 feet at \$34.00/foot	\$4,080.
- Drifting - 12-435 Drift West (12 Level) 100 feet at \$43.00/foot	\$4,300.
- Open Pit - Exploratory Trenching by Pit Contractor Dimensions 40' deep x 80' wide x 80' long at \$2.66/cubic yard (drill, blast & haul)	\$25,220.
<div>Department of Mines and Petroleum Resources ACCIDENT REPORT NO. 5184 MAP</div>	
TOTAL	\$33,600.

I wish to apply \$ 33,600.00 of this work to the claims listed below.
(Lots 13983-14013) (State number of years to be applied to each claim and its month of record)
Mar. 1 - 31 31 Claims, 5 years each = \$31,000.

#W41 (Lot 7068) 5 years = 1,000.
#W42 (Lot 7069) 5 years = 1,000.
#W43 (Lot 7070) 3 years = 600.

\$33,600.

B. DRILLING

PROBATION CLAIM

(Details as per report submitted)

COST

\$3,400.

I wish to apply \$ 3,400.00 of this work to the claims listed below.

(State number of years to be applied to each claim and its month of record)

#W43	(Lot 7070)	2 years	\$ 400.00
#W47	(Lot 7072)	5 years	\$ 1,000.00
#W85FR	(Lot 8062)	5 years	\$ 1,000.00
#W46	(Lot 7071)	5 years	\$ 1,000.00

C. PROSPECTING

(Details as per report submitted)

COST

I wish to apply \$ of this work to the claims listed below.

(State number of years to be applied to each claim and its month of record)

D. GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL (Includes line cutting)

(State type of work)

COST

TOTAL

I wish to apply \$ of this work to the claims listed below.

(State number of years to be applied to each claim and its month of record)

NOTE—Dollar value of work done under A, B, C, or D sections, totalling \$200, may be applied as one year's work.

Who paid for the above-described work?

Name

WESTERN MINES LIMITED

Address

P.O. BOX 8,000

CAMPBELL RIVER, B. C.

If you intend to claim a refund of cash in lieu under the provisions of the *Mineral Act*, you must make application on this affidavit under A, B, C, or D sections as applicable.

4. That I have not and will not use the work declared herein in any way for the purposes of obtaining tax exemption on a Crown-granted mineral claim under the terms of the *Taxation Act*.

SWORN and subscribed to at CAMPBELL RIVER, B.C.

this 10TH day of OCTOBER

1974, before me

EXPLANATORY REPORT

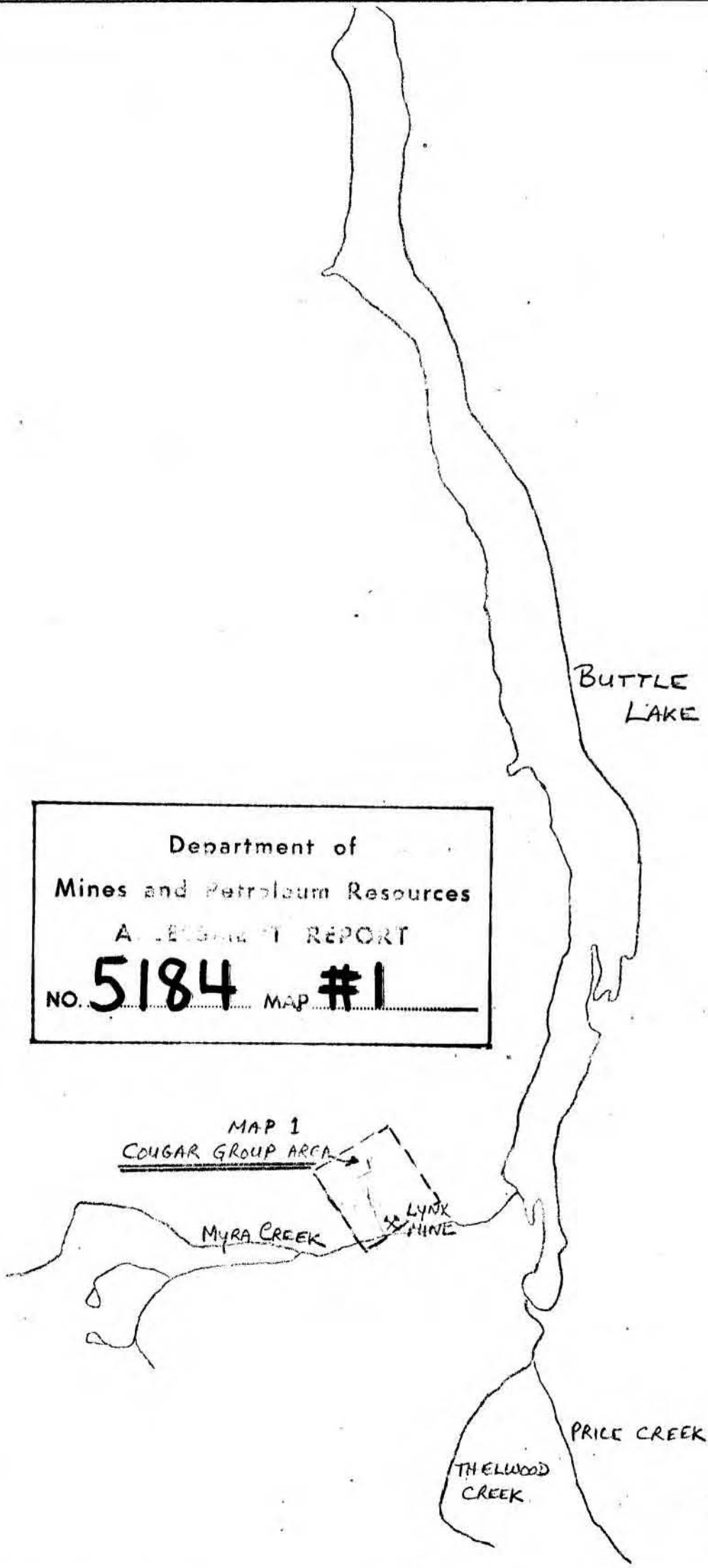
The physical and diamond drilling work reported is to be applied to the "Cougar" group of claims, comprising Mar 1 - 31, #W41, #W42, #W43, #W46, #W47, #W85 FR, CG L1661, CG L1663 and CG L1664, as outlined on the attached 1" - 1000' map. Drifting and diamond drilling was done on the #W41 claim as shown, and the raising and trenching on the L1661 Crown grant. The open pit trenching was done to explore a zone of low-grade mineralization which was not amenable to underground diamond drilling, due to its location. The work was done by our open pit contractor, and the cost figure is their cost for drilling, blasting and hauling.

The \$37,000 cost is to be applied to the 37 claims noted above to secure them for an additional five years after their anniversary date of April 15, 1975.

Two maps are enclosed, an Index Map at 2 miles = 1 inch, and a map of the Cougar group at 1 inch = 1,000 feet, showing location of workings.


MINE GEOLOGIST.

Department of
 Mines and Petroleum Resources
 A LEGEND REPORT
 NO. **5184** MAP **#1**



Drawn by:		Traced by:		INDEX MAP - WESTERN MINES DRAWN FROM COMOX LAKE AREA MAP 2-1965 (GSC)			
Revised by	Date	Revised by	Date				
				Scale: 1" = 2 MILES Date: 30 SEPT. 74 Plate: 2			

Department of
Mines and Petroleum Resources

ASSESSMENT REPORT

NO. **5184** MAP **#2**

MINE
CO-ORDINATE
100+00N

MAR 1-31
CLAIMS

ELK 29 ELK 30

ELK 27 ELK 28

ELK 25 ELK 26

#W40 #W39

#W38 #W37

#W36

#W35

W32

5184
m2

MINE
CO-ORDINATE
15+00E

#W47

#W43

#W42

#W46

W85FR.

#W41

L1343 C.G.

L1664 C.G.

L1662 C.G.

L1342 C.G.

L1663 C.G.

L1341 C.G.

OPEN
PITTING
AREA
L1661 C.G.

W44

L1340 C.G.

L1660 C.G.

W86FR

LYNX ADIT

W45

L1659 C.G.

L1666 C.G.

MYRA
CREEK

L1665 C.G.

L1667 C.G.

W48

W33

ROAD TO
CAMPBELL
RIVER

MINE
CO-ORDINATE
65+00E

Drawn by:	CAP	Traced by:	
Revised by:	Date	Revised by:	Date

COUGAR GROUP
(INCL. MAR 1-31, W41, W42, W43, W46, W47, W85FR,
L1664 C.G., L1663 C.G. & L1661 C.G.)

Scale: 1" = 1000' Date: 30 SEP. 74 Plate: 1

DIAMOND DRILLING REPORT

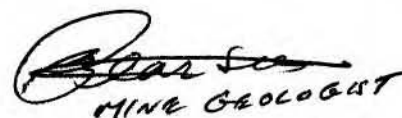
One Thousand, Seven Hundred feet of Ex-size core (7/8 inch diameter) were diamond drilled for mine exploration purposes on the #W41 claim during the period from April 15, 1974 to October 2, 1974. The cost figure submitted (namely \$2.00 per foot) is Western Mines' cost as the drilling was done by Western Mines' drillers with our own drills.

Details of the holes drilled are listed below, and drill logs for these holes are enclosed. The core is stored in core racks at the Western Mines site. All holes were drilled from the 12-435 exploration Drift West.

<u>HOLE NO.</u>	<u>SECTION</u>	<u>MINE AZIMUTH</u>	<u>DIP</u>	<u>DEPTH</u>
12-400	37+50E	North	-65	175
12-401	"	North	-85	128
12-402	"	South	0	157
12-403	"	South	-30	139
12-404	"	South	-60	114
12-405	37+00E	North	-60	248
12-406	"	North	-85	159
12-407	"	North	-35	155
12-408	"	North	-10	173
12-409	"	South	-70	147
12-410	"	South	-40	105

1700 feet

@ 2.00 / foot = \$3400.


MINE GEOLOGIST

WESTERN MINES LIMITED

DIAMOND D. LL RECORD

MYRA FALLS, B.C.

Hole No. 12-400 Sheet 1 Started September, 1974 Completed September/74 Logged by BGD Property Lynx

Length 175 Dip -65° Hor. Comp. Vert. Comp. Bearing N Latitude Departure

Elev. Collar _____ % Recovery _____ Location _____ 12-435 DW 37+50E

Object _____

[illegible]

WESTERN MINES LIMITED

DIAMOND DR - RECORD

MYRA FALLS, B.C.

Hole No. 12-401 Sheet 1 Started September, 1974 Completed September/74 Logged by BGD Property Lynx

Length 128 Dip -85 Hor. Comp. Vert. Comp. Bearing N Latitude Departure

Elev. Collar	% Recovery	Location	12-435 DW	37+50E
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Object	
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[illegible]

WESTERN MINES LIMITED

DIAMOND DR - RECORD

MYRA FALLS, B.C.

Hole No. 12-402 Sheet 1 Started September, 1974 Completed September/74 Logged by BGD Property Lynx

Length 157 Dip 0° Hor. Comp. Vert. Comp. Bearing S Latitude Departure

Elev. Collar	% Recovery	Location	12-435 DW	37+50E

Object _____

[illegible]

WESTERN MINES LIMIT

DIAMOND DRILL RECORD

MYRA FALLS, B.C.

Hole No. 12-403 Sheet 1 Started September, 1974 Completed September/74 Logged by BGD Property Lynx

Length 139 Dip -30° Hor. Comp. Vert. Comp. Bearing S Latitude Departure

Elev. Collar % Recovery Location 12-435 DW 37+50E

Object

Footage From	To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis				
								Au	Ag	Cu	Pb	Zn
0	74		Flow. FG ⁺ Jasper, ⁺ CaCO ₃ , epidotized internally up to 53', after which	10378	74	81	7	0.08	2.3	1.0	0.6	4.4
			is the bedded facie.	79	81	83	2	T	0.2	0.2	0.1	0.6
74	81		Massive FG ore	10380	83	86	3	0.14	7.2	2.8	5.1	21.6
81	83		Whitish QSS - barren of sulfides.									
83	86		Massive FG ore. Gougy at 85. 2" gouge.	Ave	74	86	12'@	0.08	3.2	1.3	1.6	2.1
86	101		QSS - whitish gray to light gray. Weakly diss. with minute pyrite.									
101	125		QSS with LG CuFeS ₂ and ZnS at varying amounts. BC at 105 - 108 (platy)	10381	101	105	4	T	0.4	0.2	0.1	0.6
			Gougy at 109.									
125	139		Lapilli tuff. Contact sericitic up to 130. 130-139 relatively unaltered.	82	105	109	4	T	0.7	0.3	0.2	1.3
			Pyroclasts are mostly rhyolite in a rhyodacitic groundmass. BC at 136 - 139. #	83	109	111	2	T	0.6	0.3	0.2	1.2
		E.O.H.		84	111	115	4	0.04	1.2	0.3	0.6	1.9
				85	115	120	5	0.04	1.2	0.4	0.5	1.4
				10384	120	125	5	0.05	2.2	0.4	0.7	3.6
				Ave	101	125	24'@	0.02	1.1	0.3	0.4	1.8

B.G. Duna

WESTERN MINES LIMITED

DIAMOND DRILL RECORD

MYRA FALLS, B.C.

Hole No. 12-404 Sheet 1 Started September, 1974 Completed September/74 Logged by BGD Property Lynx

Length 114 Dip -60° Hor. Comp. Vert. Comp. Bearing S Latitude Departure

Elev. Collar	% Recovery	Location
		12-435 DW 37+50E

Object _____

[illegible]

Hole No. 12-405 Sheet 1 Started September, 1974 Completed September/74 Logged by BGD Property Lynx

Length 248 Dip -60° Hor. Comp. Vert. Comp. Bearing N Latitude Departure

Elev. Collar % Recovery Location 12-435 DW 37+00E

Object

Footage From	To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis				
								Au	Ag	Cu	Pb	Zn
0	67		Flow. FG, bedded. Could be lithic tuff at 27 - 34 where it is med. grained	10392	67	77	10	0.15	3.9	4.2	1.3	26.3
			chloritic, soft and relatively more calcareous. The whole intersection is	93	77	87	10	0.06	1.4	1.2	0.8	5.4
			unepidotized facies of the flow. 40° bedding at 15'.	94	87	92	5	0.16	5.1	1.7	0.8	10.8
67	113		Ore zone. Massive to heavily diss. FG ZnS, CuFeS ₂ . Some barren cherty	95	92	97	5	0.02	5.9	2.7	1.5	19.8
			rhyo. association with ore.									
113	≈ 150		QSS. Mouse gray, cherty at places, FG, diss. by minute crystals of	96	97	104	7	0.21	6.7	2.0	1.1	19.8
			pyrite. Gougy, BC at 118 - 120	97	104	110	6	0.21	2.5	5.0	1.8	17.0
≈ 150	176		Lapilli tuff. Highly sercitic. Grayish, some cherty, FG	10398	110	113	3	0.16	5.9	1.0	1.3	11.7
176	182		Hornblende porphyry dike.									
182	245		Lapilli tuff. Most of the pyroclasts are rhyolitic and rhyodacitic.	AVE	67	113	46' @	0.14	4.1	2.8	1.2	16.2
			BC at 240 - 241.									
245	248		Lapilli tuff. More basic than the above - dacitic to andesitic									
		E.O.H.										

B.G. Duna
B. G. Duna

Hole No. 12-406 Sheet 1 Started September, 1974 Completed September/74 Logged by BGD Property LynxLength 159 Dip -85° Hor. Comp. Vert. Comp. Bearing N Latitude Departure Elev. Collar % Recovery Location 12-435 DW 37+00EObject

Footage		Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis				
From	To							Au	Ag	Cu	Pb	Zn
0	137		Flow. FG, intensely epidotized up to 89'. \pm Jasper, \pm CaCO ₃ veinlets.	10402	137	139		0.09	1.9	1.6	1.3	11.7
			FG, P & G at places from 89 to the end. Chloritic at the contact. BC	403	139	141		T	0.4	0.2	0.2	0.6
			at 17 - 18, 110 - 113.									
137	143		Ore zone. Massive at 137 - 139. 139 - 141 - VLG zone in QSS. 141 - 143									
			massive.	10404	141	143		0.16	6.2	2.7	2.1	20.4
143	149		QSS mouse gray - fol. 30°. Weakly diss. with pyrite.									
149	153		Flow? FG, massive, pale green. It could be a dike - shows some sort of									
			chilling at 153.									
153	157		QSS with low grade mineralization - wisps of creamy ZnS and specks of									
			chalco.	10405	113	157		T	0.7	0.2	0.3	1.8
157	159		QSS - weakly diss. with pyrite.									
		E.O.H.										

BGDUNA
B. G. Duna

WESTERN MINES LIMITED

DIAMOND D LL RECORD

MYRA FALLS, B.C.

Hole No. 12-407 Sheet 1 Started September, 1974 Completed September/74 Logged by BGD Property Lynx

Length 155 Dip -35° Hor. Comp. Vert. Comp. Bearing N Latitude Departure

Elev. Collar _____ % Recovery _____ Location _____ 12-435 DW 37+00E

Object _____

[illegible]

WESTERN MINES LIMITED

DIAMOND DRILL RECORD

MYRA FALLS, B.C.

Hole No. 12-408 Sheet 1 Started September, 1974 Completed Sept./74 Logged by BGD Property Lynx

Length 173 Dip -10° Hor. Comp. Vert. Comp. Bearing N Latitude Departure

Elev. Collar _____ % Recovery _____ Location _____ 12-435 DW 37+00E

Object _____

[illegible]

WESTERN MINES LIMITED

DIAMOND DRILL RECORD

MYRA FALLS, B.C.

Hole No. 12-409 Sheet 1 Started September, 1974 Completed September, 1974 Logged by BGD Property Lynx

Length 147 Dip -70° Hor. Comp. Vert. Comp. Bearing S Latitude Departure

Elev. Collar	% Recovery	Location
		12-435 DW 37+00E

Object _____

[illegible]

WESTERN MINES LIMITED

DIAMOND DRILL RECORD

MYRA FALLS, B.C.

Hole No. 12-410 Sheet 1 Started September, 1974 Completed September/74 Logged by BGD Property Lynx

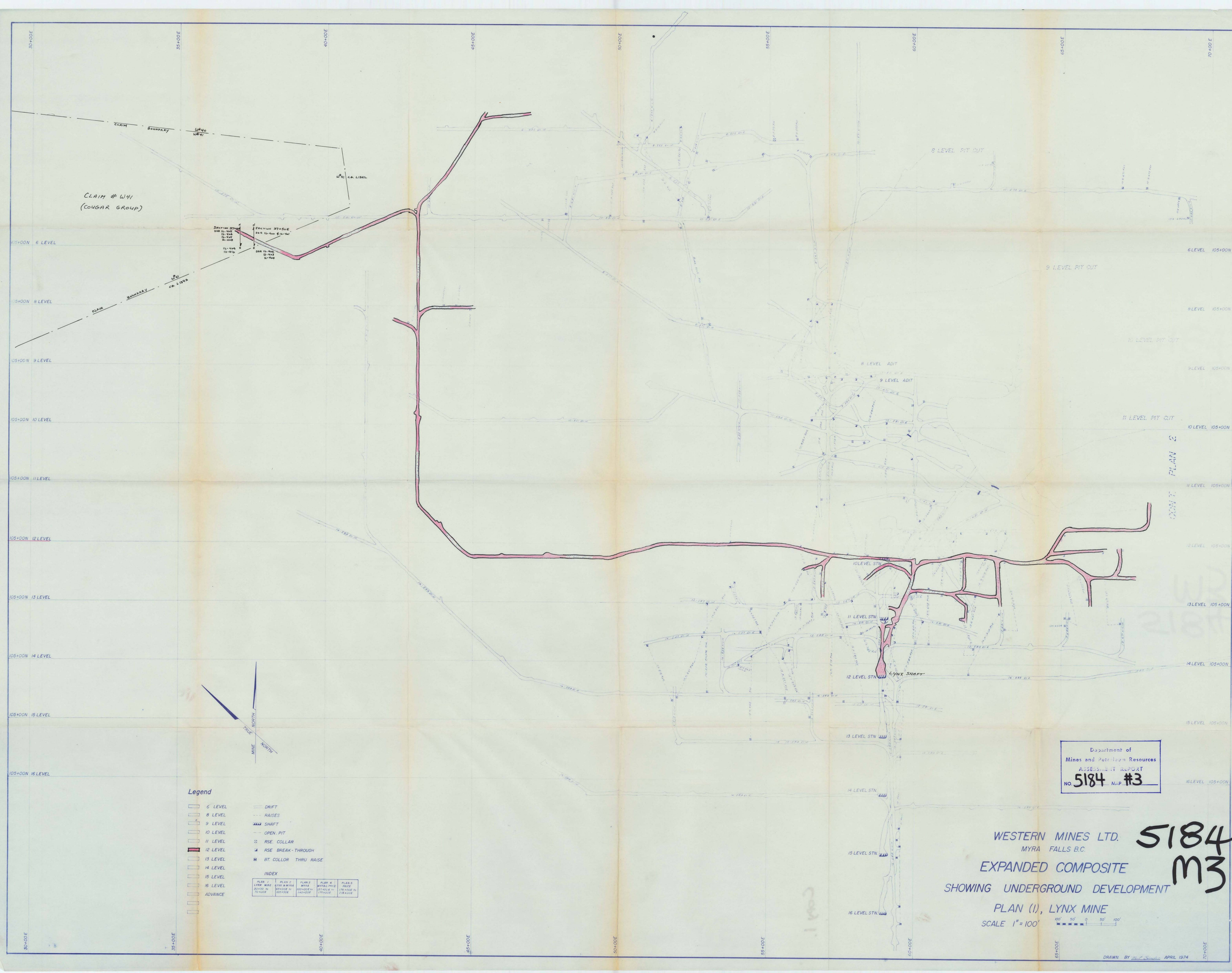
Length 160' Dip -40° Hor. Comp. Vert. Comp. Bearing S Latitude Departure

Elev. Collar % Recovery Location 12-435 DW 37+00E

Object

Footage		Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis				
From	To							Au	Ag	Cu	Pb	Zn
0	25		Flow-tuff. Appears to be andesite flow composition wise but some	10412	92	98	6'	0.12	6.1	2.3	0.8	7.9
			fragments of more basic materials are noted. Rock is massive and fine-	13	98	102	4	T	0.8	0.4	0.4	6.2
			grained.	14	102	105	3	T	0.2	0.2	0.1	0.4
25	92		Flow ⁺ Jasper, epidotized up to 50, the rest is the FG, CaCO ₃ - rich	15	105	111	6	T	0.4	0.2	0.2	0.8
			facie. BC at 46 - 48, 85 - 86.	16	111	115	4	T	0.9	0.2	0.3	2.2
92	98		Massive ore.	17	115	120	5	0.04	2.7	0.4	0.7	5.1
98	131		QSS with LG mineralization. Gouge at 99 and at 102-103.	18	120	125	5	0.02	1.7	0.5	0.3	3.8
			102 - 105 - practically no sulfide. 105 - 111 - fair pyrite diss. with occ. specks	10419	125	128	3	0.03	1.4	0.4	0.6	2.6
			of chalco. 111 - 128 - weak stringers of creamy ZnS and some specks of									
			chalco.									
			128 - 131 - VLG. Gougy slips at 121 and 130.	Ave	98	115	17' @	T	0.5	0.2	0.2	2.4
131	143		FG basic dike-andesite. BC at 143 - 145.									
143	160		Lapilli tuff - 60% of the pyroclasts are rhyolitic - rhyodacitic.	Ave	115	128	13' @	0.03	2.0	0.4	0.5	4.0
		E.O.H.										

B. G. Duna



PLAN 2
CONT.

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5184 M.P. #3

WESTERN MINES LTD.
MYRA FALLS B.C.
EXPANDED COMPOSITE
SHOWING UNDERGROUND DEVELOPMENT
PLAN (1), LYNX MINE
SCALE 1" = 100'

5184
M3