

## DEPARTMENT OF MINES AND PETROLEUM RESOURCES

FORM B (Section 51) MINERAL ACT

	RECORDER RNI. B.C.
OCT	1 7 1974

M.R.	NO

Susp 954 231

Affidavit on Application to Record Work

	Agent for WESTERN MINES LIM	LIED
1. I, CLIFFORD A. PEARSON (Name) 858 South Murphy Street	(Name)	
(Address) Campbell River, B. C.	(Address)	E.
Free Miner's Certificate No. 130089		
Date issued January 3, 1974	Date issued January, 1	
	Date issued danially, 1.	
AKE OATH AND SAY:	33 (:10:) #401 #	1/12
2. I have done, or caused to be done, work on the		
#w43, #w46, #w47, #w85 FR (Coug		
Record No.(s) 13983 - 14013 (incl.)		
Situate at South end Buttle Lake in		
to the value of at least 37,000		
of April 1974, to the		
<ol><li>The following is a detailed statement of such wor to be done.</li></ol>	k done in the 12 months in which such w	vork is requi
COMPLETE APPROPRIATE SEC	TIONIS A R C D RELOW!	
PHYSICAL (Trenches, open cuts, adits, pits, shafts,		trails)
(Give details as required by regulati	ons)	COST
- Raising - 10G 529 Raise	and the man man and the man an	
120 feet at \$34.00/foot	\$4.	080.
120 1881 81 \$34.00/1000	de l'accepte de mortage de l'accepte de	
- Drifting - 12-435 Drift West (12 Level		
100 feet at \$43.00/foot		300.
100 1881 81 #43,0071001		
- Open Pit - Exploratory Tranching by Pi	Contractor	
Dimensions 40' deep x 80' w		
at \$2.66/cubic yard (drill,		220.
at \$2.00/Cubic yard (dilli)	piast a fidal,	
Department of	the same of the sa	-
	Annual Company of the	ii iiiii loojiga
Mines and Petroloum Re	ources	C 1111 - CHI
Acad Small Rapo	The second	
CIQL		
NO MAP		
	manager la company services	<del>magagaa</del> n
	TOTAL \$33,	600.
22 600 00		
I wish to apply \$ 33,600.00 of this work to Lots 13983-14013) (State number of years to be applied	the claims listed below. to each claim and its month of record)	
Mar. 1 - 31 31 Claims, 5 years each	= \$31	.,000.
#W41 (Lot 7068) 5 years		,000.
#W42 (Lot 7069) 5 years	=	,000.
#W43 (Lot 7070) 3 years		600.
	\$33	,600.

B.	DRI	LLIP	10	
730	ger)	111	221	i the

(Details as per report submitted)

\$3,400.	

I wish to apply \$ 3	,400.00	of this work to the claims listed below.
		years to be applied to each claim and its month of record)

		The state of the s		
#W43	(Lot 7070)	2 years	\$ 400.00	
#W47	(Lot 7072)	5 years	\$ 1,000.00	
#WB5FR	(Lot 8062)	5 years	\$ 1,000.00	
#W46	(Lot 7071)	5 years	\$ 1,000.00	

and the same of th	The state of the s	10121	5 years	D 1,000.00	
#WB5FR	(Lot	8062)	5 years	\$ 1,000.00	
#W46	(Lot	7071)	5 years	\$ 1,000.00	
-					
PROSPEC	TING				COST
		(Details	s as per report submitted)		
					West of the same
7 4 5					THE CONTRACTOR
I wish to	apply \$		of this work to the	claims listed below. ach claim and its month of record)	
-				and the second second second	arma i Zimica
111 Her	000000000000000000000000000000000000000			-inner montenance below	
				of the first time was	ver datament
200 TO 188 TO		de militare de la composition della composition	Wandley Market Committee	terms to the second second second second second	ole the my summer or
Annual Iron					
GEOLOGI	ICAL, GE		AL, GEOPHYSICAL (I	ncludes line cutting)	nareconne consenu
GEOLOGI	ICAL, GEO		AL, GEOPHYSICAL (I (State type of work)	ncludes line cutting)	COST
GEOLOGI	ICAL, GEO			ncludes line cutting)	COST
GEOLOGI	IGAL, GE			ncludes line cutting)	COST
GEOLOGI	IGAL, GEO			ncludes line cutting)	COST
GEOLOGI	IGAL, GEO	(	(State type of work)		COST
GEOLOGI	IGAL, GEO	(	(State type of work)		COST
GEOLOGI	IGAL, GEO	(	(State type of work)		COST
	cal, GE		(State type of work)  of this work to the	TOTAL claims listed below.	
			(State type of work)  of this work to the	TOTAL	
			(State type of work)  of this work to the	TOTAL claims listed below.	
			(State type of work)  of this work to the	TOTAL claims listed below.	
			(State type of work)  of this work to the	TOTAL claims listed below.	
			(State type of work)  of this work to the	TOTAL claims listed below.	

Who paid for the above-described work?

WESTERN MINES LIMITED Name

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, &C. this. IDTH

<sup>&</sup>quot; This affidavit may be taken by a person empowered to take affidavits by the Evidence Act of British Columbia.

#### 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.

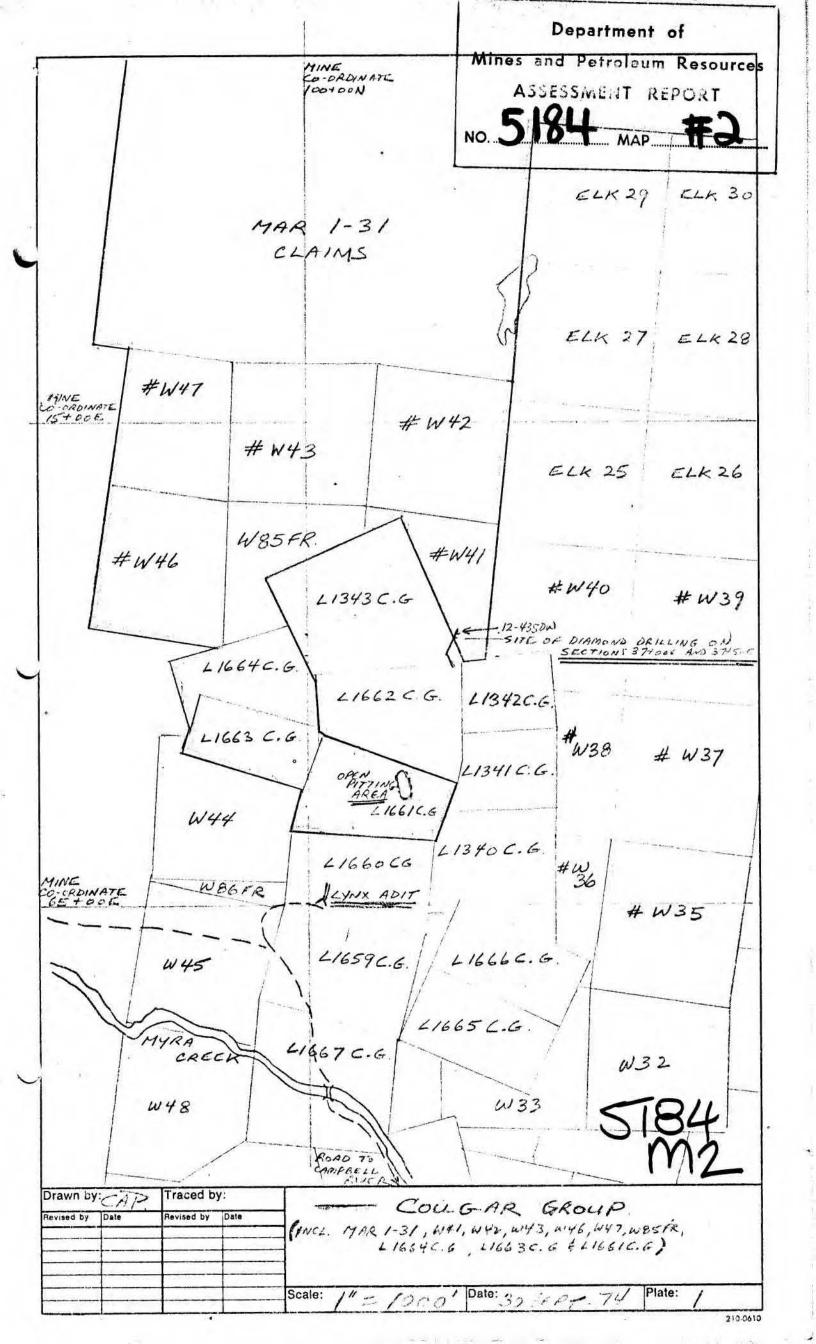
Two maps are enclosed, an Index Map at 2 miles = 1 inch, and a map of the Cougar group at 1 inch = 1,000 feet, showing location of workings.

MINE GEOLOGIST.

BUTTLE LAKE Department of Mines and Petrolaum Resources A LEGAL T REPORT No. 5184 MAP #1 MAP 1 COUGAR GROUP AREA MYRA CREEK PRICE CREEK THELWOOD CREEK Traced by: INDEX MAP - WESTERN MINES Drawn by: Revised by Date Revised by Date DRAWN FROM COMOX LAKE AREA MAP 2-1965 (GSC)

"= 2 MILLS Date: 30 SEPT. 74

210-0610



#### 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.

HOLE NO.	SECTION	MINE AZIMUTH	DIP	DEPTH
12-400	37+50E	North	-65	175
12-401	.11	North	-85	128
12-402	m =	South	0	157
12-403	n	South	-30	139
12-404		South	-60	114
12-405	37+00E	North	-60	248
12-406	If	North	-85	159
12-407		North	-35	155
12-408	at .	North	-10	173
12-409	11	South	-70	147
12-410	n	South	-40	105

1700 feet

0 2.00 /foot = \$3400.

MINE GROLOGIST

(	MYRA	FALLS,	B.C
		,	

Hole No. 12-400	Sheet1	Started September, 1974	Comple	ted September/74 Log	gged by BGD	Property Lynx	-
Length D	ipHor. Comp	Vert. Comp.		Bearing N	Latitude	Departure	
Elev. Collar	% Recovery	Location	12-435 DW	37+50E			
Object							

Footage Core			n of the same of t	Sample No.	From	To	Recovery		Analysis				
From	То	Recovered	Description		No.			%	Au	Ag		РЬ	Zn
0	141		Flow. = epidote; - Jasper. Dike (hb) at 126 - 132.		10358	141	149	8'	0.15	4.2	1.1	1.9	21./
11	149		Ore zone. Weak (mineralization) spot at 143 - 145. The rest, massive										
9	175		Lapilli tuff. Phyolite rich. Contact with ors-sharp-no QSS.										
		E.O.H.											
/						-	-						+
					3911	-							
										-		1	+
/										-	-		+
			<del></del>					1					+
	4					-							+
						-						-	-
									-			-	+
	-		Blo DunA /	MIM	e ge	0606	\$7	SHERRIT LYMW D WESTER	T-G	ROON A	ANITO	3A E	4
,	1		B. G. Duna 1	MINE	- GEL	LOG	-157	WESTE	ANN	AINES	470.	/	41

### DIAMOND DR . RECORD

Hole No. 12-401	Sheet 1	_StartedSeptember, 1974	Completed <u>September/74</u> Lo	ogged by BGD	Property Lynx	
Length128	Dip Hor. Comp	Vert. Comp.	BearingN	Latitude	Departure	
Elev. Collar	% Recovery	Location12-435 D	W 37+50E	Europe		
Object		E				

Foot	age	Core	D	Sample	From	To				Analysis		
From	То	Recovered	Description	No.			%	Au	Ag	Cu	РЬ	Zı
0	96		Flow. FG. Epidotized intensely up to 65.	10359	96	102	6	0.16	2.7	2.0	1.0	7.3
96	102		Ore zone. Faulted at 102.									
LO2	104		QSS mouse gray; Devoid of sulfides.									
104	128		Lapilli tuff. Rhyolitic. Serecitic at the contact.									
		E.O.H.									i <del>e</del> n	
X	2125											
		Take ( Parish										
			7									
			B. G. Duna								) 	

## DIAMOND DR . RECORD

Hole No	12-402		_Sheet_	1	Started_	September, 197	Complete	ed September	r/74	Logged by BGD	PropertyLynx	
Length	157	_ Dip_	0°	Hor. Comp		Vert. Comp		Bearing	S	Latitude	Departure	
Elev. Colla	r	- 101.		% Recovery	-	_Location_	12-435 DW	37+50E			27387	
Object				<u> </u>	, N			7-25-71				28

Foo	tage	Core	N. W.	Sample No.	From	To	Recovery			Analysis		
From	То	Recovered	Description	No.			%	Au	Ag	Cu	Рь	Z
0	133		Flow. FG. Epidotized up to 83. The rest is the jesper - rich greenish gray	10360	133	143		0.08	0.5	0.6	0.5	4.4
			CaCO3_cut facie.	10361	143	148		Т	0.4	0,2	0.1	0.7
133	143		Ore zone.									
143	148		QSS. Broken up - platy. With low grade sulfide.							96		
146	157		Lithic tuff. Andesitic.									
	F2 / M	E.O.H.										
41												
						,						
11.												
			140 Maria (1997)									
-			B. G. Duna									

## DIAMOND DR . RECORD

Hole No	12-403	Sheet	1	Started_September,	1974 C	Completed September/	74 Log	gged by BGD	Property Lynx	
Length	139	_ Dip	Hor. Comp	Vert. C	omp	Bearing	S	Latitude	Departure	
Elev. Collar	r	% F	lecovery	Location	12-435 DW	37+50E				16
Object			400	3-4	2150			0.00	-	

From		Core	n	Sample	From	To	Recovery			Analysis		
	То	Recovered	Description	No.			%	Au	Ag	Cu	Рь	Zn
0	74		Flow. FG <sup>±</sup> Jasper, <sup>±</sup> CaCO <sub>3</sub> , epidotized internally up to 53', after which	10378	74	81	7	0.08	2.3	1.0	056	4.4
			is the bedded facie.	79	81	83	2	Т	0.2	0.2	0.1	0.6
74	81		Massive FG ore	1.0380	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 <sub>2</sub> and ZnS at varying amounts. BC at 105 - 108 (platy)	10381	101	105	4	Т	0.4	0.2	0.1	0.6
			Gougy at 109.								4	
1.25	139		Lapilli tuff. Contact serecitic up to 130. 130-139 relatively unaltered.	82	105	109	4	Т	0.7	0.3	0.2	1.3
			Pyroclasts are mostly rhyolite in a rhyodacitic groundmass. BC at 136 - 139.	83	109	111	2	Т	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
			B.G. Duna	Ave	101	125	24'@	0.02	1.1	0.3	0.4	1.8

#### DIAMOND DR. \_ RECORD

Hole No. 12-404	Sheet1	Started September, 1974	CompletedSeptember/74	Logged by BGD	PropertyLynx
Length D	ipHor. Comp	Vert. Comp	Bearing S	Latitude	Departure
Elev. Collar	% Recovery	Location 12-43	5 DW 37+50E	etr- <del>sev</del> -	
Object					

Foot	age	Core	n de la companya de	Sample	From	To	Recovery			Analysis		
From	То	Recovered	Description	No.			%	Au	Ag	Cu	Pb	Zn
0	70	-	Flow FG. Epidotized up to 60'	10390	70	72		0.13	5.3	2.2	1.5	12.8
70	72		Massive FG ore, BC at 72	10391	72	79	waste 41	T	0.3	0.2	0.1	0.4
72	87		QSS. FG, diss. with minute crystals of pyrite. Some asso. cherty beds				only					
87	114		Lapilli tuff. Serecitic at the start, gradually becoming less altered to-									
			wards the end. Most of the pyroclasts are rhyolitic but becoming less so									
			towards the end. BC at 103, 106 - 109.	AVE	70	76	61			0.9	066	4.5
= K		E.O.H.										
			Ble Dun A B.G. Duna						NETER S			

Hole No. 12-405	Sheet _ 1	_Started_September, 1974	_ Completed September/74	Logged by BGD	Property Lynx	
Length 248	Dip60° Hor. Comp	Vert. Comp.	Bearing N	Latitude	Departure	
Elev. Collar	% Recovery	Location 12-435 D	N 37+00E	****		
Object	797		34-7014 <del>-</del>			

Foo	tage	Core		Sample	From	To	Recovery			Analysis	72	
From	То	Recovered	Description	No.		- 1	%	Au	Ag	Ću	РЬ	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 facie 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, CuFeS2. Some barren cherty	95	92	97	5	0.02	5.9	2.7	1.5	19.8
			rhyo. association with ore.									
113 2	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
<b>≈</b> 150	176		Lapilli tuff. Highly serecitic. 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	461	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	1								7
		E.O.H.	BEDUNA		1907							
			B. G. Duna									

Hole No. 12-406	Sheet 1	Started September, 1974	Complete	d <u>September/74</u>	Logged by BGD	PropertyLynx	
Length159	Dip Hor. Comp	Vert. Comp.		BearingN	Latitude	Departure	
Elev. Collar	% Recovery	Location	12-435 DW	37+00E			
Object				015 2 7			

Foo	tage	Core		Sample	From	To	Recovery		- 1	Analysis		
From	То	Recovered	Description	No.			%	Au	Ag	Cu	Рь	Zn
0	137		Flow. FG, intensely epidotized up to 89' Jasper, - CaCO3 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		D <b>.</b> 16	6.2	2.7	2.1	20.4
143	149		QSS mouse gray - fol. 30°. Weakly diss. with pyrite.								1)	
149	153		Flow? FG, massive, pale green. It could be a dike - shows some sort of									
			chilling at 153.		<u> </u>							
153	157		QSS with low grade mineralization - wisps of creamy ZnS and specks of									
			chalco.	10405	113	157		Т	0.7	0.2	0.3	1.8
157	159		QSS - weakly diss. with pyrite.									
		E.O.H.										
			<b>5</b>									
			B. G. Duna									
	1	1			1							

W	E	S	T	E	R	N	M	I	N	E	S	L	1 1	1	Ξ	D
														1.3	1	

Hole No. 12-407	Sheet1	_Started_ September, 1974	Complet	ed September/74	Logged by BGD	Property Lynx	
Length	Dip350 Hor. Comp	Vert. Comp.		Bearing N	Latitude	Departure	-34
Elev. Collar	% Recovery	Location_	12-435 DW	37+00E	1		
Object				V-1	***	236-248111 NO. 816-8-16-2	

Footage From To		Core	Description	Sample	From	То							
From	То	Recovered	Description	No.			%	Au	Ag	Cu	РЬ	Zn	
0	5		Flow. FG, gray, unepidotized										
5	8		QSS. with VLG ZnS - CuFeS <sub>2</sub> mineralization.										
8	18		Lapilli tuff - lithic tuff. Dacitic to andesitic. Pyroclasts are distinct.										
18	132		Flow. FG, - epidate, - calcite. Phenocryst of altered augite prominent										
			to 80-98. Epidotization intense up to 116.										
132	141		Ore zone.	10406	132	141		0.6	1.0	0.8	1.1	9.0	
141	147		Flow! The diagnostic Jasper fragments are evident, FG, the bedded facie.										
147	149		Hb porphyry dike.								-		
149	155		Same as 141 - 147.										
		E.O.H.		,									
												3 1	
			PG DUNA B. G. Duna										

### WESTERN MINES LIMIT

## DIAMOND DR ( . RECORD

Hole No. 12-408	Sheet1	Started September, 1974 C	ompleted <u>Sept./74</u>	Logged by BGD	PropertyLynx	
Length Dip	10° Hor. Comp	Vert. Comp.	Bearing N	Latitude	Departure	191
Elev. Collar	% Recovery	Location 12-435 DW	37+00E			
Object				10 To		

Footage From   To	Core	Description	Sample	From	To				Analysis		2 220	
From		Recovered	Description	No.			%	Au	Ag	Cu	Pb	Zn
D	21		Lapilli-lithic tuff. Pyroclasts are mainly dacites and andesites set in									
			groundmass of the same composition.									
21	160		Flow. FG. Epidotized up to 127.   - Jasper fragments, - CaCO3; veinlets.								C-W-1	
			Hb porphyry dike at 147 - 150.									
160	161		QSS; an inch of ore-grade material at the contact at 160'.									
161	173		Lithic tuff. Grey, massive, slightly chloritic; last 2' could be an									
.10			augite flow.									
		E.O.H.										
			A C Do and								122	
		4	B. G. Duna									
							1. 17 a 24					

#### DIAMOND DR L RECORD

Hole No. 12-409	Sheet 1	Started September, 1974	Completed September, 1974 Logged by BGD	Property Lynx
Length 147	Dip Hor. Comp	Vert. Comp.	Bearing5Latitude	Departure
Elev. Collar	% Recovery	Location 12-435 D	√ 37+00E	8-
Object	4. pelinasa quint o			

Foo	tage	Core		Sample	From	To	Recovery		- "	Analysis	,	100
From	To	Recovered	Description	No.			- %	Au	Ag	Cu	Pb	Zn
0	101		Flow. Epidotized up to 92. BC at 7 - 9 and at 37 - 39. + Jasper				-					
			fragments. + CaCO <sub>3</sub> veinlets.									
101	103		Massive ore. Fault at 103.	10409	101	103	Good 2	0.10	3.5	2.4	1.2	9.4
103	117		QSS. LG to VLG mineralization up to 114. 114-117 - weak & minute	10	103	110	VLG 7	T	0.8	1.0	0.2	1.3
			pyrite diss.	10411	110	114	LG 14	0.03	1.4	0.4	0.6	3.5
117	134		Lapilli tuff. Greenish-gray, more than 60% of the pyroclasts are									
740			rhyolite & rhyodacite.						Q. Carlo			The state of the s
134	147		Lithic tuff. Greenish gray andesitic. Odd scattered pyroclasts.	2-							+	, a
		E.O.H.	4								-13	
					9							
												a li
	,		B. G. Duna									
											an average	

## DIAMOND DR L RECORD



Hole No. 12-410	Sheet1	Started September, 1974	Completed September/74	Logged by BGD	Property Lynx	
Length 160!	DipHor. Comp	Vert. Comp.	Bearing 5	Latitude	Departure	
Elev. Collar	% Recovery	Location 12-43	5 DW 37+00E			
Object						

Foo	tage	Core	Description				Recovery					
From	То	Recovered	Description	No.			%	Au	Ag	Cu	РЬ	Zı
0	25		Flow-tuff. Appears to be andesite flow composition wise but some	0412	92	98	61	0.12	6.1	2.3	0.8	7.
			fragments of more basic materials are noted Rock is massive and fine-	13	98	102	-4	Т	D. B	0.4	0.4	6.
			grained.	14	102	105	3	Т	0.2	0.2	0.1	0.
25	5 92		Flow - Jasper, epidotized up to 50, the rest is the FG, CaCO <sub>3</sub> - rich		105	111	6	Т	0.4	0.2	0.2	0.8
			facie. BC at 46 - 48, 85 - 86.	16	111	115	4	Т	0.9	0.2	0.3	2.2
92	98		Massive ore.	17	115	120	5	0.04	2.7	0.4	0.7	5.3
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	2.0
			of chalco. 111 - 128 - weak stringers of creamy ZnS and some specks of						1/2			
2			chalco.									
			128 - 131 - VLG. Gougy slips at 121 and 130.	Ave	98	115	17'@	Т	0,5	0.2	0.2	2.4
L31	143		FG basic dike-andesite. BC at 143 - 145.									
.43	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.D.H.	B. G. Duna									

