5164

I, JOHN STEPHEN CARTER, of the City of Calgary, in the Province of Alberta, hereby state as follows:

1. I am a graduate geologist of McGill University, Montreal, Quebec, B.Sc., 1949, and have been practising my profession for twenty-five years.

2. I am a practising geologist employed by the Mineral Division of Dresser Industries Inc., 525 404 - 6th Avenue S.W., in the City of Calgary, in the Province of Alberta.

3. I am a member of the Canadian Institute of Mining and Metallurgy.

4. I was present in July and part of August of 1974 and did log the drill Holes 1 to 5 on the Mount Sicker project.

DATED at Victoria, British Columbia, this 7th day of October, 1974.

J. S. Carter

John Stephen Carter

The drill core is presently in storage at 91 Songhees Road, Victoria, British Columbia.

JSC

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5164 MAP

INVOICE

INSPIRATION DRILLING

DRESSER INDUSTRIAL PRODUCTS, LTD.

Remit to

P.O. BOX 9729
POSTAL STATION "A"
TORONTO, ONTARIO
M5W, IR6

Point of Issue

1651 Franklin Street
Vancouver 6, B. C.

In Account With

Dresser Minerals Division
3133 Buffalo Speedway
P. O. Box 6504
Houston, Texas 77005
U. S. A.

Invoice No. 11808

Invoice Date May 31, 1974

Date of Issue June 5, 1974

Terms — NET 7 DAYS

"B" Wireline Drilling - Mount Sicker Property - May 22 - 31, 1974

Hole MS-74-1 from 0 - 152			Ftg. 152	
Overburden:	0 - 3	3' @ 10.90	32.70	
Coring:	3 - 152	149' @ 9.70	1445.30	1478.00

Total Footage: 152

Mobilization:	from Vancouver to the property - Lump Sum			1656.00
May 27 & 28:	reamed BX casing from 6 - 21'			
	6 man hrs.	@ 11.25	67.50	
	3 mach hrs.	@ 7.00	21.00	88.50
Bits Used:				
	NX casing shoe No. 71251 Imp.		161.33	
	BX casing shoe No. 71392 Imp.		121.70	283.03
Supplies:				
	5 (2#) bags Quik Trol	@ 5.10		25.50
	Plus 15% of $ 308.53			46.28
				$ 3,577.31

O.K for payment
R Utterwart June 20 1974
charge 6300 M 9.7

INVOICE

INSPIRATION DRILLING

DRESSER INDUSTRIAL PRODUCTS, LTD.

P.O. BOX 9729
POST STATION "A"
TORONTO, ONTARIO
M5W 1R6
Point of Issue

1651 Franklin Street
Vancouver 6, B.C.
V5L 1P5

In Account With

Dresser Minerals Division,
3133 Buffalo Speedway,
P.O. Box 6504,
Houston, Texas 77005
U.S.A.

Invoice No. 11815

Invoice Date June 5, 1974

Date of Issue June 21, 1974

Terms — NET 7 DAYS

"B" Wireline Drilling - Mount Sicker Property — June 1 - 15, 1974

Hole M5-74-1 from 152 - 495		FTg. 343		
Coring:	152 - 495	343' @ 9.70		3327.10
Hole M5-74-2 from 0 - 463		Ftg. 463		
Overburden:	0 - 11	11' @ 10.90	119.90	
Coring:	11 - 463	452' @ 9.70	4384.40	4504.30

Total Footage: 806

Hole M5-74-1:	hole caving - reaming cave		
June 5 - 7:	14 man hrs @ 11.25	157.50	
	7 mach hrs @ 7.00	49.00	206.50
June 6:	1 acid test at 305' - 1 hour		29.50

Materials Used:
June 9:
Bits: - 2 BQWL (849) Nos. 40376 & 40377 Gr. A Wt. 9.66
- 100% Value: 2 @ 157.76 315.52

- 1 BQWL Reaming Shell No. 88-4-R Gr. A Wt. 10.10
- 100% VAlue: 189.14

Your Charge: 75% of 504.66	378.50
Plus 15%	56.78

OK for payment
K Stewart
charge 6300 M917
July 8, 1974

INSPIRATION DRILLING
DRESSER INDUSTRIAL PRODUCTS, LTD.

Invoice No. 11815

1 - 5'	BQ core barrel complete No. F-24834	478.80	
1	BQ Overshot No. 28032	234.15	
1	BQ adaptor coupling No. B-24833	23.52	
1	BQ locking coupling No. D-24832	58.70	
1 -10'	BWL Rod No. 1015141	31.39	826.56
	Plus 15%		123.98
Hole M5-74-1 & 2			
	14(2#) bags Quik Trol @ 5.10	71.40	
	13(50#) bags Quik Gel @ 4.15	53.95	125.35
	Plus 15%		18.80
Mving to hole M5-74-2 - in escess of 32 hrs.			
June 11-12:	64 man hrs @ 11.25	720.00	
	16 mach hrs @ 6.00	96.00	816.00
Core Boxes:			
	5 BQ Boxes @ 3.10		15.50
	Plus 15%		2.32
			10,431.19

OK for payment
Rutherford
July 8, '74

INVOICE

INSPIRATION DRILLING

DRESSER INDUSTRIAL PRODUCTS, LTD.

Remit to

P.O. BOX 9729
POSTAL STATION "A"
TORONTO, ONTARIO
M5W 1P6

Point of Issue

1651 Franklin Street
Vancouver 6, B.C.

In Account With

Dresser Minerals Division,
3133 Buffalo Speedway,
P.O. Box 6504,
Houston, Texas 77005
U.S.A.

Invoice No. 11826

Invoice Date June 30, 1974

Date of Issue July 4, 1974

Terms — NET 7 DAYS

"B" Wireline Drilling - Mount Sicker Property — June 16-30, 1974

Hole M5-74-2	from 463 - 823	Ftg. 360	
Coring:	463 - 500	37' @ 9.70	358.90
	500 - 823	323' @ 10.30	3326.90	3658.80
Hole M5-74-3	from 0 - 248	Ftg. 248	
Overburden:	0 - 9	9' @ 10.90	98.10
Coring:	9 - 248	239' @ 9.70	2318.30	2416.40

Total Footage: 608

Hole M5-74-2			
June 19:	1 acid test at 793' - 1 hour		29.50
June 21:	fishing for broken rods		
	24 man hrs @ 11.25	270.00	
	8 mach hrs @ 7.00	56.00	326.00
Material Left In Hole:			
	1 - 5' BQ core barrel complete	478.80	
	45- 10' BWL rods @ 31.39	1412.55	1891.35

Bits: 1 BQWL (849) No. 14688 Wt. 8.96 Gr. AA
100% value - 201.60
1 BQWL reaming shall No. 43419 Wt. 11.82 Gr. CBB
100% value - 208.54

Your charge: 75% of 410.14 — 307.60

Plus 15% of 2198.95 — 329.84

INV

INSPIRATION DRILLING OPERATIONS

DRESSER INDUSTRIAL PRODUCTS, LTD.

Invoice No. 11826

Hole M5-74-3			
June 24-26:	moving to M5-74 - in excess of 32 hrs.		
	48 man hrs @ 11.25	540.00	
	12 mach hrs @ 6.00	72.00	612.00
June 29:	1 acid test at 212' - 1 hour		29.50
Mud for holes 74-2 and 74-3			
	60 (50#) bags Quik Gel @ 4.15	249.00	
	12 (2#) bags Quik Trol @ 5.10	61.20	
	1 (2#) bags Cellex @ 3.39	3.39	313.59
	Plus 15%		47.04
			9988.62

INVOICE

INSPIRATION DRILLING

DRESSER INDUSTRIAL PRODUCTS, LTD.

Remit to

P.O. BOX 9729
POSTAL STATION "A"
TORONTO, ONTARIO
M5W 1R6

Point of Issue

1651 Franklin Street,
Vancouver 6, B.C.

In Account With

Dresser Minerals Division,
3133 Buffalo Speedway,
P.O. Box 6504,
Houston, Texas 77005
U.S.A.

Invoice No.	11833
Invoice Date	July 15, 1974
Date of Issue	July 22, 1974
Terms — NET 7 DAYS	

"B" Wireline Drilling - Mount Sicker Property — July 1-15, 1974

Hole M5-74-3 from	248 - 740	Ftg. 492		
"B" Coring:	248 - 500	252' @ 9.70	2444.40	
	500 - 740	240' @ 10.30	2472.00	4916.40
Hole M5-74-4 from	0 - 180	Ftg. 180		
Overburden & "N" Coring:	0 - 11	11' @ 10.90	119.90	
	11 - 180	169' @ 9.70	1639.30	1759.20

Total Footage: 672

Hole M5-74-3

July 2:	2 acid tests at 100 & 282' - 2 hrs @ 29.50/hr		59.00
July 4:	1 acid test at 412' - 1 hrs.		29.50
July 5:	1 acid test at 612' - 1 hr.		29.50
July 7:	1 acid test at 612' - 1 hrs.		29.50
July 10:	1 acid test at 702' - 1 hr.		29.50

Hole M5-74-4

July 12-13:	moving to hole M5-74-4 - in excess of 32 hrs.		
	64 man hrs @ 11.25	720.00	
	16 mach hrs @ 6.00	96.00	816.00
July 15:	1 acid test at 112' - 1 hrs.		29.50

INVC

INSPIRATION DRILLING
DRESSER INDUSTRIAL PRODUCTS, LTD.

Page No.

Invoice No. 11833

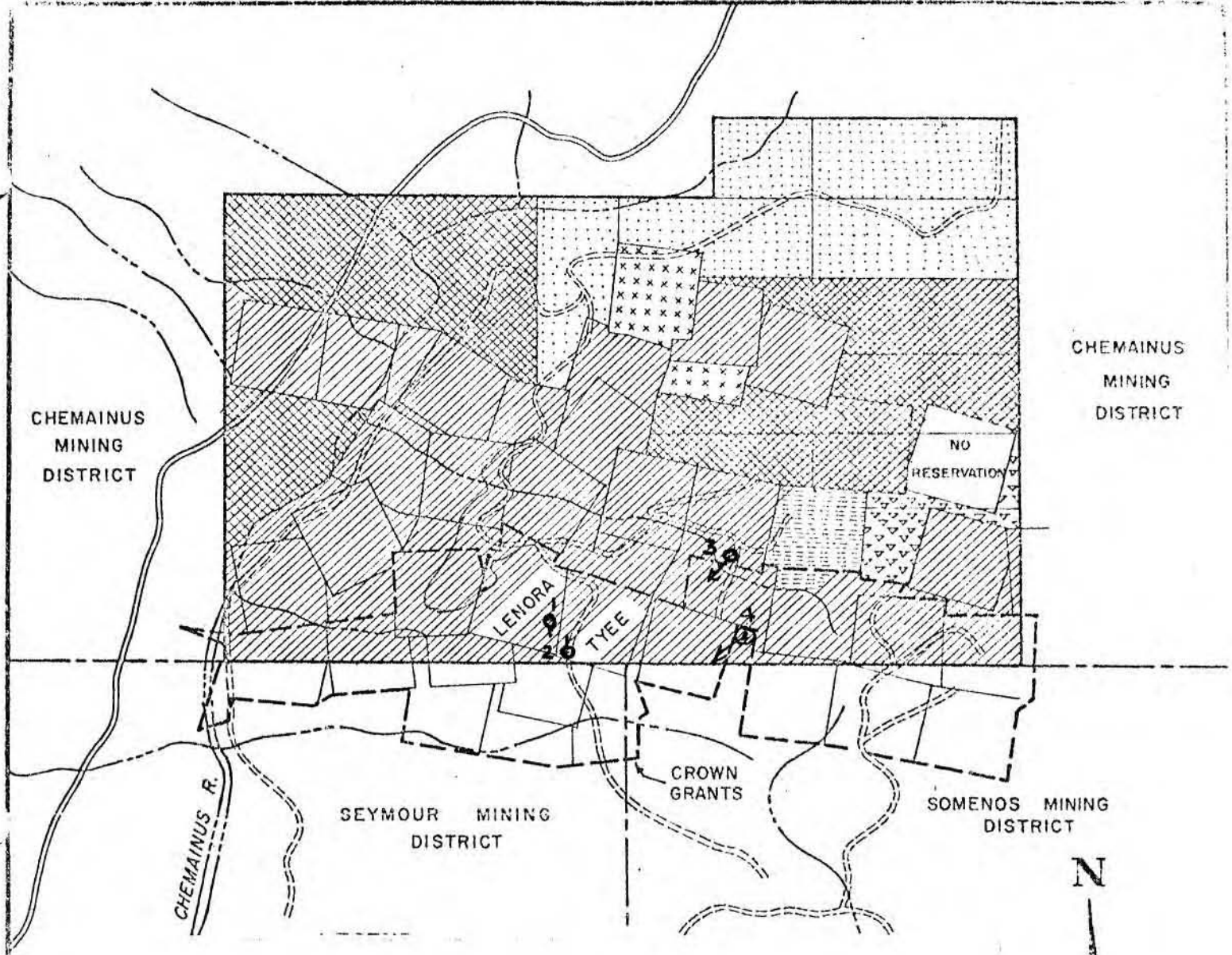
Mud for holes 74-3 and 74-4

114 (50#) bags Quik Gel @ 4.15	473.10	
6 (2#) bags Quik Trol @ 5.10	30.60	
1 (2#) bags Cellex @ 3.39	3.39	
1 (50#) bags Cellex @ 84.50	84.50	591.59

Transportation:
Vancouver - EDuncan via CP Transport
5764 lbs. @ 2.71/100 — 156.20

Plus 15% of 747.79 — 112.17

8,558.06



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5164 MAP #1

MOUNT SICKER MINES LTD.

VICTORIA MINING DIVISION

LOCATION OF CROWN GRANTS AND CLAIMS HELD UNDER OPTION TO CANADIAN PACIFIC OIL AND GAS LIMITED

AUGUST, 1967

1/2 0 1/2 1 Mile

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5164 MAP #2

MAP
AIR

1" = 1000'

DEVELOPED FROM
PHOTOS BC 7399-81
-82

CORED FOOTAGE		INTER-VAL	CORED DESCRIPTION Logged by J. S. CARTER	VISIBLE MINERALS ESTIMATED		SAMPLE	INTER-VAL	COMPANY DRESSER MINERALS DDH No. MS74-1 CLAIM Lenora 35G LOCATION 4+52W 2+38N Elev. 1495.33 Mount Sicker, B.C. DIP ANGLE -45°S DATE June 1/74 PAGE 1							
From	To	Feet	Metamorphic Sediment-~~Metamorphic~~-Igneous	Mineral	%	No.	Feet	Percent Cu	Pb	Zn	Iron	Assays oz. per ton Ag	Au		Barium %
0'	6.5'	6.5'	OB & Float - Argillite - Cased												
6.5'	11.0'	4.5'	Rec. 4.0' - Arg.Schist Broken & fractured Schistosity @ 10° @ 11.0' - Traces Pyrite	Pry.	Tr.	10		0.01	.005	-	10.	Tr.			0.1%
11'	13'	2'	Highly sheared - Argillite - Schistose - Black shiny coatings on shear planes - Tr. Pyrite												
13'	15'	2'	Dark gray Arg. & Sh. Shearing @ 10° Laterally along bedding planes	CuO Pyr.	Tr. Tr.										
15'	16'	1'	Black shaly Arg. - Highly sheared graphitic - Broken fragments - non conductor												
16'	20'	4'	Broken Arg. Sh. fragments Beds and schistosity @ 10° Rec. 12.0' L.C. 1.5' Dioritic Lense Inc.	Pry.	Tr.										
20'	26'	6'	Thin bedded & sheared black shales, graphite on shear planes. Interbed Arg. shales & Silty. Lt. grey Laminations. Lateral shearing appears to be good conductor. Tr. Pyrite only. Sample @ 20' Calcite stringers & Silica	Pyr.	Tr.	20		.01	.005	-	10	Tr.			0.3.
26'	28'	2'	As above - broken fragments - Highly sheared Full Rec. Box 1 Schist Bedding 0 - 10°												
28'	30'	2'	As above Thin lenses qtz. Shearing along cores - Graphite. Beds. 0 - 20°			30		.01	.005		3	Tr.			0.3

COMPANY ..... DRESSER MINERALS .....

DDH No. MS74-1 ..... CLAIM Lenora C.G. .....

LOCATION .....

DIP ANGLE ..... DATE ..... PAGE 2

CORED FOOTAGE From	To	INTERVAL Feet	CORED DESCRIPTION Logged by J.S.C. Metamorphic Sediment-~~Metamorphic~~-Igneous	VISIBLE MINERALS ESTIMATED Mineral	%	SAMPLE No.	INTERVAL Feet	Percent Cu	Pb	Zn	Assays oz. per ton Iron	Ag	Au		Barium %
30'	40'	10'	Tr. Pyrite Qtz. Veinlets Non Conductor	Pry.	Tr.	30		0.01	Tr.	-	3.0	Tr.			0.3
40'	52'	12'	Thin bedded sheared shales Beds 10 - 30° - Non Limy Tr. Pyrite Fine x'ln on bedding Low order conductor			40 50		.01 Tr.	Tr. -	- -	3.0 3.0	Tr. Tr.			0.2 0.5
52'	55.5'	3.5'	Lost core												
55.5'	56'	0.5'	Harder, siliceous schist Box 2												
56'	68'	12'	Lt. grey schist - few specs. pyrite. Non conductor Schistocity 0 - 30° Sampled @ 60' @ 68' - 4" qtz. vein appears vertical Pyrite only Contact vertical			60		0.13	.05	0.05	3.0	Tr.			0.5
68'	75'	7'	Thin bedded Arg. sh. - sheared graphitic Mine fold up 0 - 40° @ 74' Tr. Qtz. & Pyr. Bornite, Azurite. Thin qtz. vein vert. Pyrite Mainly Tr. Chalco only. Best seen Galena Tr. @ 75' Qtz. veins on contact - Vert. Tr. Pyrite - Galena	CuS. Chalco PbS? PbS.	Tr. Tr. Tr.	70		Tr.	0.01	-	2.0	Tr.			2.0
75'	78'	3'	Schist lt. grey Full Rec. Box 3												
78'	81'	3'	Schist - no bedding			80		0.01	-	-	2.0	Tr.			0.3
81'	100'	19'	in bedded Arg. - laterally sheared graphitic partings. Tr. Pyrite only			90		Tr.	-	-	2.0	Tr			0.2

CORED FOOTAGE		INTER-VAL	CORED DESCRIPTION Logged by .....J.S.C.....	VISIBLE MINERALS ESTIMATED		SAMPLE	INTER-VAL	COMPANY .....DRESSER MINERALS..... DDH No.....MS74-1..... CLAIM ..Lenora C.G..... LOCATION ..... DIP ANGLE .....DATE ..... PAGE ...3...							
From	To	Feet	Metamorphic Sediment-~~Metamorphic~~-Igneous	Mineral	%	No.	Feet	Percent Cu	Pb	Zn	Assays oz. per ton Iron	Ag	Au		Barium %
			Minor folds Beds @ 60° @ 85' Tr. Pyrite only Box 4												
100'	102'	2'	Thin bedded - sheared laterally Graphite on shear planes Minor distortion @ 10 - 30° Argillaceous - non limy Tr. qtz. & calcite in veinlets Tr. Pyrite throughout Poor Cond.	Pyr.	Tr.	100		Tr.	Tr.	-	2.0	Tr.			1.0
102'	108'	6'	Shearing along Schistosity 10° - 40° Carbonaceous partings - graphitic in part.												
108'	112'	4'	Arg. - sheared qtz. veins. Tr. Pyrite Contact @ 45° Vertical Sample @110'	Pry.	Tr.	110		Tr.	-	-	2.0	Tr.			1.0
			@ 112' Lt. grey Argillaceous shales Schistosity sheared Graphitic partings - Bedding 10 - 20°												
112'	120'	8'	Arg. Sh. Sch. Non Conductor Full Rec. Box 5			120		tr.	tr.	-	2.0	Tr.			1.0
			@ 120' Grey to dk. grey - highly sheared shales Arg. - Bedding along Schistosity 10 - 30° Pyrite on shear planes 30°	Pry.	Tr.										
120'	132'	12'	Meta. Sed. Altered Arg. Sh. Dk. grey Highly schistose @ 70° Bedding undistinct This appears to be a lense	Pry.	Tr.	130		Tr.	Tr.	-	2.0	Tr.			0.3

COMPANY: DRESSER MINERALS

DDH No. MS74-1 CLAIM Lenora

LOCATION

DIP ANGLE DATE PAGE 4

CORED DESCRIPTION

Logged by J.S.C.

CORED FOOTAGE From	To	INTERVAL Feet	Sediment-~~Metamorphic~~ Metamorphic-Igneous	VISIBLE MINERALS ESTIMATED Mineral	%	SAMPLE No.	INTERVAL Feet	Percent Cu	Pb	Zn	Iron	Assays oz. per ton Ag	Au		Barium %
120'	132'	12'	Graphitic schist in parts Interbedded Arg. Sh. Beds 20 - 30°			130	-	.005	Tr.	-	2	0.1			0.3%
132'	134'	2'	Siliceous in part qtz. Beds 80° Qtz. contact @ 50°	Ba.	Tr.										
134'	141'	7'	Arg. sh. Graphitic on shears @ 20° Conductor - tr. Pyrite Box 6	Pyr.	Tr.	140		.007	tr.	-	2	Tr.			0.2%
141'	147'	6'	Black & lt. grey shaly & Schist Few clusters pyrite. Qtz. incl. Beds 20 - 30° Low order conductor	Pyr.	Tr.										
147'	150'	3'	Schist - Grey Talc. Fine x'ln pyrite scattered throughout - non conductor												
150'	152'	2'	Thin bedded - sheared graphitic material on shears Beds 0 - 10° non conductor Lateral slippage			150		.005	Tr.	-	2	Tr.			0.2%
152'	160'	8'	As above Beds 0 - 10° Full Rec. Box 7												
160'	172'	12'	Mainly black to grey sheared Arg. shales interbedded Lt. grey siltstones Beds 0 - 30° Traces Pyrite Lateral shearing @ 10° Graphitic material on shears Low order conductor	Pry.	Tr.	160		.003	-	-	1	-			0.1%
(166' - 172')			Graphitic Sh. - broken pieces Rec. 1.0' C[illegible]cite After shearing P[illegible] Ore Mineralization			170		.001	.005	-	1	-			0.1%

COMPANY DRESSER MINRALS

DDH No. M S74-1 CLAIM Lenora

LOCATION

DIP ANGLE DATE PAGE 5

CORED FOOTAGE From	To	INTERVAL Feet	CORED DESCRIPTION Logged by J.S.C. Metamorphic Sediment-~~Metamorphic~~-Igneous	VISIBLE MINERALS ESTIMATED Mineral	%	SAMPLE No.	INTERVAL Feet	Percent Cu	Pb	Zn	Iron	Assays oz. per ton Ag	Au		Barium
172'	178'	5'	Mainly lt. grey Arg. Sh. Interbedded sheared graphitic Sh. Calcite & Qtz. - Poor conductor Beds 30 - 40° Rec. 5.0' @ 175' Breccia & Qtz. - Tr. Pyrite Clusters	Pry.	Tr.										
178'	190'	12'	Sericite Schist - shearing @ 10° Graphitic partings along shear planes - lost core 8.0' Rec. 4.0' Box 8			180		.005	.005	-	2%	Tr.			0.3
179'			Lost Circulation												
190'	192'	8'	Rec. 10' - Broken frags. - Arg. Sh. Graphitic on shear planes Conductor	Pry.	Tr.										
192'	194'	2'	Lt. grey schist - Schistosity @ 20° Rec. 1.0'												
194'	196'	2.0'	Hard Siliceous - Barite grey 5% Pyrite - Non conductor Disseminated throughout @ 196' Rec. 1.0' Chalco. Azurite	Ba. Pyr. Chalco PbS.	? 5% 2% ?	195' - 197' 198'	2.0'	2-3	1-2	1-2	3%	2-3			30.0%
196'	198'	2.0'	Hard siliceous - grey beds 40° Barite replacement in Arg. Sh. Tr. Pyrite throughout. Galena Rec. 1.0'	Ba. Pyr.	? Tr.										
(194'	- 199')	(5.0')	This zone appears to be near vertical Contact @ 40°			200		Tr.	Tr.	Tr.	1.0	Tr.			0.5%
198'	201'	3'	Thin bed 4" - blk. silty rock Beds 70° contorted Contact with Schist Rec. 2.0' @ 199' Graphite on shears												

CORED FOOTAGE		INTER-VAL	CORED DESCRIPTION Logged by J.S.C.	VISIBLE MINERALS ESTIMATED		SAMPLE	INTER-VAL	COMPANY DRESSER MINERALS DDH No. MS 74-1 CLAIM Lenora LOCATION DIP ANGLE DATE PAGE 2							
From	To	Feet	Metamorphic Sediment-~~Metamorphic~~-Igneous	Mineral	%	No.	Feet	Percent Cu	Pb	Zn	Iron	Ag	Au		Assays oz. per ton Barium %
232'	236'	4'	Sericite Schist												
236'	240'	4'	Interbedded Arg. Sh. in part. Graphitic beds 70° Thin Qtz. @ 70°			240		Tr.	Tr.	Tr.	2%	Tr.			0.2
240'	242'	2'	Mainly Schist												
242'	247'	5'	Open cavity - no recovery - Beds slipped through open Mine workings. Mainly Qtz. fragments.	CuO.	Tr.										
247'	248'	1'	Schist @ 80° Talc with Qtz.												
(248')			Fragment of old drilling - Diamond casing marks on core MS 74-1 Reamed 248' - 260' Drilled through old casing hole appears to be near 45° South in old mine workings.												
248'	251.5'	3.5'	Sericite Schist @ 70° NS Rec. 2.0. Box 10			250	-	.002	-	-	1.0	Tr.			0.2
251.5'	262'	10.5'	Lt. Grey Schist - broken fragments cored 10.0' Rec. 5.0'			260	-	.002	-	-	1.0	Tr.			0.2
262'	271'	9'	As above Schistosity @ 40 - 60° Rec. 8.5'			270	-	.003	.005	-	1.0	Tr.			0.2
271'	281'	10'	Lt. grey Schist @ 45 - 60° Talc Full Rec. Box 11			280	-	.002	-	-	2.0	Tr.			0.3
281'	301'	20'	Lt.grey - talcose sh. Schistosity 30 - 50° Tr. of X in Pyrite only NS Box 12			290	-	.005	-	-	1.0	Tr.			0.3

CORED FOOTAGE		INTER-VAL	CORED DESCRIPTION Logged by .....J.S.C.....	VISIBLE MINERALS ESTIMATED		SAMPLE	INTER-VAL	COMPAN. ..... DRESSER MINERALS ..... DDH No. ..... MS74-1 .... CLAIM .... Lenora ..... LOCATION ..... DIP ANGLE ..... DATE ..... PAGE 8							
From	To	Feet	Metamorphic Sediment-~~Metamorphic~~-Igneous	Mineral	%	No.	Feet	Percent Cu	Pb	Zn	Assays oz. per ton Iron	Ag	Au		Barium
301'	304'	3'	Sericite Schist - Schistosity 20 - 30°												
304'	305'	1'	Schist in contact with Arg. Sh. @ 10° Dip test Angle 43° (-2°)												
306'	324.5'	18.5'	Displaced upwards Arg. thinbedded shales - beds mainly 30 - 45° sheared along bedding planes. Qtz. veinlets.			310	-	0.01	.02	.05	5.0	0.1			0.3%
			Graphitic on shears Box 13			320	-	.005	-	-	3.0	-			0.3
324.5'	336.5'	12'	Thin bedded Arg. Schist. Calcite bedding 40° - black partings Tr. Pyrite - Graphite conductor. Siliceous in part. - Breccia Beds @ 60 - 70° Arg. Inc. Tr. Pyrite - Calcite Qtz. Barren white - Fault Zone Contact @ 80° NS			330	-	.005	-	-	3.0	-			0.2
336.5'	341'	4.5'	Lost core - few Qtz. fragments NS . Nil Sulphides												
(342'	- 353')		Arg. Breccia - Fault Zone												
341'	349'	8'	Hard - part siliceous - Arg. Sh. Beds 45 - 60° Box 14 Tr. Pyrite, Breccia & Qtz.	Pyr.	Tr.	341 348.	- -	.007 0.01	- -	- -	3.0 2.0	- -			0.2 0.2
349'	362'	13'	Rec. 3.0' L.C. 4.0' Fault Zone Arg. Shale - Graphitic Conductor Beds 30 - 40° Breccia Tr. Pyrite - Good conductor	Pyr.	Tr.	350	-	.005	-	-	2.0				0.5
356'	362'		C[illegible]act 40° altered lt. grey schist inc. shale Tr. Pyrite Beds 20°			360	-	0.01	-	-	2.0				0.3

CORED DESCRIPTION

Logged by J.S.C.

COMPAN DRESSER MINERALS

DDH No. MS 74-1 CLAIM Lenora

LOCATION

DIP ANGLE DATE PAGE 9

CORED FOOTAGE From	To	INTERVAL Feet	Metamorphic Sediment-~~Metamorphic~~-Igneous	VISIBLE MINERALS ESTIMATED Mineral	%	SAMPLE No.	INTERVAL Feet	Percent Cu	Pb	Zn	Iron	Assays oz. per ton Ag	Au		Barium
362'	367.5'	5.5'	Altered Diorite - dark green Partings @ 30 - 40° - Porphyritic. "Reddish" oxide Box 15 Hematite staining	Pyr.	Tr.	365		.005	-	-	3.0				.03
367.5'	379'	11.5'	Dk. green Diorite - Qtz. veins @ 10° - Bands of Sulphides Tr. Reddish Stain Dioritic Lense			370	-	.003	-	-	3.0	-			0.01%
379'	385'	6'	Lt. grey schist contact @ 30° Schistosity @ 45 - 50° Tr. Pyrite only Box 16	Pyr.	Tr.	380	-	.001	-	-	1.0	-			0.1
385'	406'	21'	Schist 20 - 60° Lt. grey grading to green lenses Dioritic schist. Schistosity @ 60° Box 17	Pyr.	1%	390 400	- -	.002 .005	- -	- -	1.0 1.0	- -			0.2 0.2
406'	422'	16'	Lt. grey schist - foliation @ 60° Tr. Pyrite only			410 420	- -	.001 .005	- -	- -	3.0 2.0	- -			0.2 0.1
422'	428'	6'	As above - Siliceous in part Schistosity at 70° Tr. Pyr. & Chalco @ 424' Box 18	Pyr. CuS.	Tr. Tr.										
428'	441'	13'	Lt. grey schist - siliceous in part - foliation @ 40 - 70°			430 440	- -	.001 .001	- -	- -	3.0 2.0	- -			0.1 0.05
441'	442'	1'	Movement on contact @ 45° with dk. green schistose "Dioritic" schist - soft almost fault gouge												
442'	448'	6'	Loose soft unconsolidated greenish Schist. Thus appears to be a fault Contact NS Box 19			448	-	.005	-	-	3.0	-			.05

CORED FOOTAGE		INTER-VAL	CORED DESCRIPTION Logged by J.S.C.	VISIBLE MINERALS ESTIMATED	SAMPLE	INTER-VAL	COMPAN. DRESSER MINERALS DDH No. MS 74-1 CLAIM Lenora LOCATION DIP ANGLE DATE PAGE 10
From	To	Feet	Metamorphic Sediment-~~Metamorphic~~-Igneous	Mineral %	No.	Feet	Percent / Assays oz. per ton

Sample No.	Cu	Pb	Zn	Iron	Ag	Au		Barium %
450	.003	-	-	5.0	-			.01
460	.007	-	-	5.0	-			Tr.
470	.001	-	-	3.0	-			0.02
480	.005	-	-	3.0	-			0.03
488	.001	-	-	3.0	-			0.03
492	.005	-	-	3.0	-			0.03%

From	To	Feet	Sediment-Metamorphic-Igneous
448'	467'	19'	Sheared schist - Chlorite Green siliceous in part. Shearing 30 - 70° NS Soft almost gouge material in places Full Rec. Box 20
467'	474'	7'	Green schist - sheared soft unconsolidated core @ 50 - 60° NS @ 484' 2" Qtz. vein @ 45° NS
474'	488'	14'	Loose green "Chloritic" schist Foliations @ 20 - 50° Tr. Pyrite Xl's Full Rec. Box 21
488'	492'	4'	As above Soft lt. green schist @ 20° Talcose Hole caving - stuck rods Twisted off approx. 379' 60' rods in hole - core barrel & overshot.
492'	TD		TD Hole abandoned due to lost rods at elevation 1150 ft. June 8, 1974

CORED DESCRIPTION

Logged by J. S. CARTER

COMPANY DRESSER MINERALS

DDH No. MS 74-2 CLAIM Type C.G.

LOCATION 170W + 300S EL 1686

DIP ANGLE 60° N DATE June 18/74 PAGE 1

CORED FOOTAGE From	To	INTERVAL Feet	Sediment-Metamorphic-Igneous	VISIBLE MINERALS ESTIMATED Mineral	%	SAMPLE No.	INTERVAL Feet	Percent Cu	Pb	Zn		Assays oz. per ton Ag	Au			
0	8	8.0	O.B. 2' Float Cased													
8	28	20.0	Altered schist Siliceous in part Has appearance of past siliceous replacement soft mainly while hard siliceous parts. white creamy to lt. grey. Shearing at 30° near vertical Traces calcite in Fractures Box 1	Pyrite Pyr.	Tr Tr	17										
28	40	12.0	Lt. grey altered schist Calcite in fractures Shearing at 10°			30										
40	46	6.0	Contact at 50°. Lt. green chloritic schist siliceous in part Few qtz lenses Calcite white	Pyr	Tr	45										
46	48	2.0	Qtz calcite & schist Breccia Box 2	Pyr	Tr											
48	54	6.0	Green "Dioritic" schist - shearing @ 20° - 30° Mottled calcite	2 NS? NS	Tr	54										
54	60	6.0	More "Dioritic" shearings @ 30° Appears vertical	PRY	Tr											
60	67	7.0	Shearing at 45° - green altered Diorite - Mottled white calcite Box 3	Pyr Chaleo	Tr Tr	65										
67	69	2.0	Altered Diorite - Calcite veinlets	Pyr	Tr											

CORED DESCRIPTION

Logged by J. S. CARTER

COMPANY DRESSER MINERALS

DDH No. MS 74-2 CLAIM Tyee C. G.

LOCATION 170W + 300S EL 1686

DIP ANGLE 60°N DATE June 18/74 PAGE 2

CORED FOOTAGE From	To	INTERVAL Feet	Sediment-Metamorphic-Igneous	VISIBLE MINERALS ESTIMATED Mineral	%	SAMPLE No.	INTERVAL Feet	Percent Cu	Pb	Zn		Assays oz. per ton Ag	Au			
69	86	17.0	Diorite shearing @ 30° appears vertical - dike or sill - odd isolated spec chalcopyrite only non conductor Box 4			75										
86	105	19.0	Green Diorite Porphyritic - Calcite (spots) - Shearing @ 30° Tr Iron Oxide Few x'ls pyrite @ 89' lense calcite chlorite schist NS Full recovery Box 5	Pyrite	Tr	100										
105	108	3.0	Dioritic schist - qtz veins vertical - one trace pyrite & Chalco in schist Qtz is barren NS			110										
108	124	16.0	Hard cores Diorite - mainly Tr Iron oxide Box 6	Pyr	Tr	120										
124	135	11.0	Altered zone "Dioritic" - pale green schist - Calcite veinlets Post ore - very tine stringers of Hematite - shearing 35° - 70° Box 7			140										
145	160	15.0	Mainly Diorite													
160	166	6.0	"Dioritic" schist in part Partings @ 30° - few traces pyrite Throughout - Tiny hematite stains Full recovery Box 8			155										

CORED DESCRIPTION

Logged by J. S. CARTER

COMPANY DRESSER MINERALS

DDH No. MS 74-2 CLAIM Tyee C.G.

LOCATION 170W + 300S EL1686

DIP ANGLE 60°N DATE June 18/74 PAGE 3

CORED FOOTAGE From	To	INTERVAL Feet	Sediment-Metamorphic-Igneous	VISIBLE MINERALS ESTIMATED Mineral	%	SAMPLE No.	INTERVAL Feet	Percent Cu	Pb	Zn		Assays oz. per ton Ag	Au		
166	180	14.0	As above Traces only pyrite throughout	Pyr	Tr	180									
180	188	8.0	"Dioritic" Schist Box 9												
188	199	11.0	Altered Schist - lt. green colour Schistosity at 45°			200									
199	207	8.0	Schist @ 40° Box 10 Calcite veinlets N.S.												
207	210	3.0	Schist Tr Qtz	Pyr	Tr										
210	247	37.0	Minor folding - Schistosity at 70° - traces calcite N.S. @ 240' Pyrite clusters Full recovery Box 12	Pyr	0.5%										
247	282	35.0	Mainly "Dioritic" schist - foliation @ 70° - Tr Hematite stain in five partings Schistosity 50°-70° Full Recovery Box 14	NS											
282	294	12.0	Dioritic Schist @ 40° - 50° Calcite veinlets cut qtz veins												
294	303	9.0	Mainly Dioritic - Schistose in part - full recovery Laminations 50° - 70° - tr hematite stain or fine fractures Porphyritic texture in parts Olivene & epidote NS Full recovery Box 15												

CORED DESCRIPTION

Logged by ..J..S..CARTER.....

COMPANY ....DRESSER MINERALS.....

DDH No..MS.74-2..... CLAIM ..Type C.G.....

LOCATION ..170W + 300S..... EL1686.....

DIP ANGLE ..60°N..... DATE June 18/74 PAGE 4 .....

CORED FOOTAGE From	To	INTER-VAL Feet	Sediment-Metamorphic-Igneous	VISIBLE MINERALS ESTIMATED Mineral	%	SAMPLE No.	INTER-VAL Feet	Percent Cu	Pb	Zn		Assays oz. per ton Ag	Au			
303			Good Contact @ 40° - 30°													
303	324	21.0	appears vertical with "Dioritic" green to dr. green schist in part - foliations @ 60° - 70° Sample at 320' - some hematite staining Box 16													
324	338	14.0	Diorite mainly schistose in part - qtz veins @ 70° - sharp contact 60° with lt green grey Braecia partially sheared sample 340'													
338	345	7.0	Soft sheared Dioritic Breccia appears in Fault zone. - qtz fragments Tr v.t.q. pyrite NS Full recovery Box 17													
345	370	25.0	Loose unconsolidated Breccia Diorite & schist fragments lineation 10° - 40° - fine isolated pyrite Xl's throughout sample 350' - 370' - lost core 4.5 Box 18													
370	374	4.0	Breccia soft rock north side of Fault zone - lost core 1.0													
374	395	21.0	Loose rock - "Dioritic" schist Partings @ 50° - 80° - tr pyrite only - lost core 3.0 Box 19													
395	410	15.0	Lt green chloritc "Dioritic" schist @ 45°													
410	422	12.0	Schistosity 30° to 10° - minor tight folding - lost core 6.0 Box 20													

CORED FOOTAGE		INTER-VAL	CORED DESCRIPTION Logged by J. S. CARTER	VISIBLE MINERALS ESTIMATED	SAMPLE	INTER-VAL	COMPANY DRESSER MINERALS DDH No. MS.74-2 CLAIM Type C. G. LOCATION 170W.+300S Fl1686 DIP ANGLE 60°N DATE June 18/74 PAGE 5
From	To	Feet	Sediment-Metamorphic-Igneous	Mineral %	No.	Feet	Percent Assays oz. per ton Cu Pb Zn Ag Au
422			Lt green chloritic schist - lineations along core barel @ 0 - 20° - isolated pyrite x'ls throughout - this section not Dioritic				
422	442	20.0	Full recovery Box 21 Sample 440				
442	467	25.0	Lt green chloritic schist @ 20° - 30° - tr isolated pyrite x'ls throughout - tr hematite stain - shearing and talcose on planes Non conductor				
(456	463)	7.0	Lost core 4.0 Box 22 Sample @ 460'				
467	485	18.0	Lt green schist - tr pyrite - Breccia in part - folding 10° - 45° - full recovery				
485	490	5.0	Dk green schist - Taley on shears - more chloritic - different phase - schistosity @ 20° - 30° contact appears vertical - NS Few traces Pyrite only - lost core 3.0 Box 23				
490	492	2.0	Dk green schist				
492			Contact @ 35° - 40° - appears vertical - thin lense only				

CORED FOOTAGE		INTER-VAL	CORED DESCRIPTION Logged by J. S. CARTER	VISIBLE MINERALS ESTIMATED	SAMPLE	INTER-VAL	COMPANY DRESSER MINERALS DDH No. MS74-2 CLAIM Type C.G. LOCATION 170W 300S EL1686 DIP ANGLE 60°N DATE June 18/74 PAGE 6								
From	To	Feet	Sediment-Metamorphic-Igneous	Mineral %	No.	Feet	Percent			Assays oz. per ton					
							Cu	Pb	Zn		Ag	Au			
492	510	18.0	Breccia in parts - lt green chloritic schist - minor folding Beds 10° - 45° includes Thin lenses of dk green schist - pyrite x'ls 1% Box 24 Sample @ 510'												
510	548	38.0	Lt green chloritic schist - schistosity @ 10° - 40° - pyrite x'ls throughout - sample 520' - 525' " Box 26 Minor folding												
548	551	3.0	As above - schistosity @ 60°												
551	553	2.0	Breccia & altered schist zone												
553	555	2.0	Broken arg. shaly - Breccia graphite on partings NS												
555	558	3.0	Altered schist @ 45°												
558	563	5.0	Contact with thin bedded sheared arg sh - broken & fractured pyrite veinlets - graphitic partings - this is low order conductor - sample 560'												
563	568	5.0	Rec 2.0 - l.c. 3.0 - broken arg. sh.												
568	573	5.0	Mainly dk grey to black arg sh. Qtz lenses - Bedding 50° - tr pyrite Box 27												

CORED FOOTAGE		INTER-VAL	CORED DESCRIPTION Logged by J. S. CARTER	VISIBLE MINERALS ESTIMATED	SAMPLE	INTER-VAL
From	To	Feet	Sediment-Metamorphic-Igneous	Mineral %	No.	Feet
573	581	8.0	Thin bedded lt grey to black arg sh. - pyrite & graphite along shear & bedding planes at 60° - 80°			
581	586	5.0	as above - sample 580' - folding beds 0 - 30° - Breccia in part Graphite on lateral E-W shears			
586	587	1.0	Siliceous zone			
587	593	6.0	Talc schist - cream coloured schistosity @ 70° Box 28			
593	616	23.0	Talc schist @ 50° - 70° - NS Box 29			
616	637	21.0	Talc schist @ 60° - 70° Box 30			
637	655	18.0	As above - NS - schistosity 70° - 80° - sample 640 Box 31			
655	673	18.0	Talc schist 40° - 80°			
673	714	41.0	Alters to lt green schist - few specs pyrite only NS Box 34			
714	735	21.0	Grades back into lt green talc schist - schistosity at 80°			
735	754	19.0	Grades to lt green & dk green schloritic in part NS sample @ 750'			
754	768	14.0	Talc schist - chloritic in part			
768	772	4.0	Shearing on contact At 20° - appears to be vertical in attitude - NS - Siliceous in part - may be fault contact - broken fragments - Recovery 2.0			

COMPANY DRESSER MINERALS

DDH No. MS 74 -2 CLAIM Tyee C.G

LOCATION 170W + 300S E11686

DIP ANGLE 60°N. DATE June 18/74 PAGE 7

Percent			Assays oz. per ton					
Cu	Pb	Zn		Ag	Au			

CORED FOOTAGE		INTER-VAL	CORED DESCRIPTION Logged by J.S. CARTER	VISIBLE MINERALS ESTIMATED		SAMPLE	INTER-VAL	COMPANY DRESSER MINERALS DDH No. MS 74 -2 CLAIM Type C.G. LOCATION 170W + 300S EL1686 DIP ANGLE 60°N DATE June 18/74 PAGE 8								
From	To	Feet	Sediment-Metamorphic-Igneous	Mineral	%	No.	Feet	Percent			Assays oz. per ton					
								Cu	Pb	Zn		Ag	Au			
722	775	53.0	Siliceous dioritic & dioritic schist Sample 775' Box 37													
775	792	17.0	Interbedded schists - schist siliceous - Breccia in part - Calcite talc chloritic - Dioritic et al NS - Schistosity 0 - 20° Box 38													
792	812	20.0	Talc cream coloured schist @ 70° Lenses greenish schist @ 70° -NS No traces pyrite Box 39													
812	822	10.0	Interbedded talc schist & greenish or chloritic members - Beds 60° - 70° - Nil Sulphides - Sample 812' - Full recovery Rods twisted off in Fault zone @ 365' - Rods in hole fishing unsuccessful - rods abandoned in hole													
822			T.D. Box 40													

CORED DESCRIPTION

Logged by J. S. CARTER

COMPANY DRESSER MINERALS

DDH No. MS 74-3 CLAIM C.F. 4

LOCATION 2600E 1068N El 1870

DIP ANGLE -45° AZ 220° DATE July 1/74 PAGE 1

CORED FOOTAGE From	To	INTERVAL Feet	Sediment-Metamorphic-Igneous	VISIBLE MINERALS ESTIMATED Mineral	%	SAMPLE No.	INTERVAL Feet	Percent Cu	Pb	Zn		Assays oz. per ton Ag	Au			
0	9	9.0	Cased - Nil O.B. - broken fragments @ 5' - lt grey schist - siliceous in part - lost core 7.0' - sample 5 - 9'													
9	27	18.0	Pale green "chloritic" schist. Sample 20' - fine x'ln pyrite - crystals disseminated throughout Recovery 20' Box 1	Pyr	Tr											
27	47	20.0	Pale green chloritic schist as above @ 50° - 60° - tr disseminated pyrite throughout (S) @ 30' - Recovery 20' Box 2	Pyr.	Tr	30										
47	69	22.0	As above - more greenish in parts and talcose - schistosity @ 60° - Pyrite 1% in parts - sample @ 60' - tr only chalco @ 62' in qtz. Box 3	Chalco	Tr											
69	73	4.0	Green taley schist @ 50° - tr pyrite													
73	76	3.0	Altered zone - dk green porphyritic in parts - pyrite Tr throughout													
76	92	16.0	pale to dk green schist - pyrite 1 - 2% in parts thin bands shearing @ 0° - schistosity @ 40° (S) @ 80' Box 4	Pyr.	1%											
92	95		As above - dk green schist @ 40° - 50°													

CORED DESCRIPTION

Logged by J. S. CARTER

COMPANY DRESSER MINERALS

DDH No. MS 74-3 CLAIM

LOCATION 2600E 1068N El 1870

DIP ANGLE -45° AZ 220° DATE July 1/74 PAGE 2

CORED FOOTAGE From	To	INTERVAL Feet	Sediment-Metamorphic-Igneous	VISIBLE MINERALS ESTIMATED Mineral	%	SAMPLE No.	INTERVAL Feet	Percent Cu	Pb	Zn		Assays oz. per ton Ag	Au			
95	103	8.0	Few qtz stringers - barren white qtz but pyrite in altered schist Dip test @100' = 41°													
103	111	8.0	Green to dk green altered schist 60° - pyrite 1 - 2% throughout Sample @ 110' Box 5	Pyr	2%	110										
111	125	14.0	Green schist - altered talc schist schistosity @ 70° - pyrite disseminated Tr to 1% throughout - tr qtz													
125	127	2.0	Green schist - pyrite 5 - 10% along schistosity - sampled	Pyr	8%											
127	132	5.0	Green altered chloritic? - schist @ 70° - tr pyrite scattered - porphyritic in part Box 6													
132	136	4.0	Dk green chloritic schist @ 70° - 80° - pyrite tr - 1%	Pyr	1%											
(136	137)	1.0	White barren qtz veins - past mineralization													
137	152	15.0	dk green to green altered schist 50° - 70° - tr pyrite throughout Box 7													
152	172	20.0	Green altered schist @ 70° - 80° Tr pyrite throughout - Nil chalco seen	Pyrite	3%	161										
	161		Band 1 - 4% @ 161'													

CORED DESCRIPTION

Logged by J. S. CARTER

COMPANY DRESSER MINERALS

DDH No. MS 74-3 CLAIM

LOCATION 2600E - 1068N El 1870

DIP ANGLE -45° AZ 220° DATE July 1/74 PAGE 3

CORED FOOTAGE From	To	INTERVAL Feet	Sediment-Metamorphic-Igneous	VISIBLE MINERALS ESTIMATED Mineral	%	SAMPLE No.	INTERVAL Feet	Percent Cu	Pb	Zn		Assays oz. per ton Ag	Au			
160	172	12.0	Pyrite 1 - 2% Box 8	Pyr	2%											
172	194	22.0	Green schist - schistosity @ 60° - 70° 1.0' - band pyrite 5 - 10° pyrite throughout @ 1 - 2% - Sample @ 180' Box 9	Pyr.	2%	180										
194	218	24.0	Mainly lt green - taley schist @ 70° - 80° - pyrite along													
			NB Dip test @ 212' = 36°													
			Foliation plans - average 1 - 2% Nil chalco seen - lost core 2.0' Box 10	Pyr.	1%											
218	219	1.0	Green schist - chloritic 50°-60°													
219	222	3.0	Schistosity 70°													
222	236	14.0	Schist - pyrite tr - burnt bit 236 Recovery 6.0' - lost 8.0'	Pyr	Tr.											
236	237	1.0	dk green schist													
237	238	1.0	green schist 60°- tr pyrite only													
238	245	7.0	Green schist @ 40° - Recovery 7.0 Box 11													
245	252	7.0	Pale green schist @ 60° - tr pyrite throughout - sample @ 250'													
252	259	7.0	Pale green schist - taley in parts schistosity @ 30° - 50° Minor folding													

CORED DESCRIPTION

Logged by J. S. CARTER

COMPANY DRESSER MINERALS

DDH No. MS 74-3 CLAIM

LOCATION 2600E = 1068N El 1870

DIP ANGLE -45° AZ. 220° DATE July 1/74 PAGE 4

CORED FOOTAGE From	To	INTERVAL Feet	Sediment-Metamorphic-Igneous	VISIBLE MINERALS ESTIMATED Mineral	%	SAMPLE No.	INTERVAL Feet	Percent Cu	Pb	Zn		Assays oz. per ton Ag	Au			
259	264	5.0	Pale green to grey schist @ 80° tr chalco pyrite only - finely disseminated pyrite throughout .2% Box 12	Pyr.	2%											
264	272	8.0	Schist as above - Nil chalco seen ~~(S) @ 270~~	Pyr	2%	270										
272	280	8.0	pale green schist @ 60° - 50° - pyrite 2 - 3%	Pyr	3%											
280	284	4.0	Pale green schist 45° - pyrite along schistosity 2 - 3% (S) 280 Box 13	Pyr	3%											
284	302	18.0	Pale green to grey schist 50° - 20° - pyrite 1-2% - Nil chalco seen Box 14	Pyr.	2%											
302	322	20.0	Pale green schist = schistosity 30° - 20° - pyrite throughout - scattered 2-3% - cluster chalco @ 308' (S) @ 310' Box 15	Pyr. chalco	3% Tr	310										
322	341	19.0	Darker green schist @ 20° - 40° - scattered pyrite 1-3% throughout shearing @ 333' - movement latera Nil copper seen Box 16	Pyr	2%											
341	359	18.0	Mainly pale green schist @ 40° Lenses darker green - scattered pyrite throughout - Nil chalco seen Box 17													
359	378	19.0	Mainly pale green schist - pyrite 2-3% throughout (S) 360' - schisotisty @ 30° - Nil Chalco Box 17	Pyr.	2%											

CORED DESCRIPTION

Logged by J. S. CARTER

COMPANY DRESSER MINERALS

DDH No. MS 74-3 CLAIM

LOCATION 2600E - 1068N El 1870

DIP ANGLE -45° AZ 220° DATE July 1/74 PAGE 5

CORED FOOTAGE From	To	INTERVAL Feet	Sediment-Metamorphic-Igneous	VISIBLE MINERALS ESTIMATED Mineral	%	SAMPLE No.	INTERVAL Feet	Percent Cu	Pb	Zn		Assays oz. per ton Ag	Au			
378	387	9.0	Pale green schist @ 30° - pyrite 1-3%	Pyr.	2%											
387	395	8.0	Silice infilling qtz 2' - pyrite 15-18% - pyrite 50% in parts - Analyze for Ay. - Sampled	Pyr.	17%											
395	398	3.0	Less qtz @ 50° - pale green schist pyrite 1-2% Box 19	Pyr	2%											
398	416	18.0	pale green @ 10° - 20° - siliceous schist - pyrite 1-2% - Nil schalco Sampled @ 410° - full recovery Box 20	Pyr	2%											
416	435	19.0	Less siliceous - pyrite 2% - pale green schist @ 20° - 50°	Pyr	2%											
	@ 421		Pyrite cluster - ty chalco - pyrite 3-5%	chalco	Tr.											
	@ 432		contact @ 30° with greenish schist chloritic? - Tr pyrite only Box 21													
435	441.5	6.5	Green schist - broken core - pyrite 2% - lost core 6.0	Pyr	2%											
441.5	447	5.5	Intermixed schist - green & lt green foliations @ 50° - 60° - tr pyrite													
447	449	2.0	Hard siliceous qtz - porphyritic Dioritic lense - tr pyrite contact @ 70°	Pyr.	Tr.											
449	456	7.0	Green schist @ 60° - altered - 1 pyrite 1-2%	Pyr	2%											
456	460	4.0	Metamor phased section - altered schist dk green - pyrite 1-2%													

CORED DESCRIPTION

Logged by J. S. CARTER

COMPANY DRESSER MINERALS

DDH No. MS 74-3 CLAIM

LOCATION 2600E - 1068N El 1870

DIP ANGLE -45° AZ. 220° DATE July 1/74 PAGE 6

CORED FOOTAGE From	To	INTERVAL Feet	Sediment-Metamorphic-Igneous	VISIBLE MINERALS ESTIMATED Mineral	%	SAMPLE No.	INTERVAL Feet	Percent Cu	Pb	Zn		Assays oz. per ton Ag	Au			
	@ 456 @ 457		Breccia in part sampled Box 22													
460	470	10.0	Altered green schists as above - Breccia and qtz in parts.													
470	482	12.0	Lt green schist @ 50° - pyrite 1-2% = shearing laterally	Pyr	2%											
482	486	4.0	Schistocity @ 60° - 70° - siliceous in part													
486	492	6.0	Green schist - mainly silica - tr pyrite throughout	Pyr.	Tr											
492	502	10.0	Green schist - siliceous - pyrite 1% Box 24													
502	512	10.0	Dip test 36° As above													
512	516	4.0	Mainly hard porphyritic qtz. - altered lense of Dioritic schist dk green - contact at 80° - pyrite on contact													
	@ 516		Qtz vein along core - Iron stain in parts													
516	522	6.0	Schist dk green 20 - 30° - pyrite 1-3% - few qtz veinlets	Pyr.	2%											
	@ 520		Sample Box 25													
522	526	4.0	Dk green soft schist @ 20° - lost core 2.0'													
526	530	4.0	Dk green schist few veinlets qtz 1% chalco pyrite along schistosity @ 30°													
	@ 527		Sampled	chalco	1%											

CORED DESCRIPTION

Logged by J. S. CARTER

COMPANY DRESSER MINERALS

DDH No. MS 74-3 CLAIM

LOCATION 2600E - 1068N El 1870

DIP ANGLE -45° AZ 220° DATE July 1/74 PAGE 7

CORED FOOTAGE From	To	INTERVAL Feet	Sediment-Metamorphic-Igneous	VISIBLE MINERALS ESTIMATED Mineral	%	SAMPLE No.	INTERVAL Feet	Percent Cu	Pb	Zn		Assays oz. per ton Ag	Au			
530	546	16.0	Dk green schist @ 20° - 30° - siliceous in parts Box 26													
546	564	8.0	Siliceous zone - mainly altered dk green schists - pyrite 1-2% - tr qtz - schistosity 40°	Pyr	2%	555										
	@ 555		Sampled Box 27													
564	574	10.0	Dioritic schist @ 70° - black shiny partings - tr pyrite only													
574	575	1.0	Qtz Breccia - schist inclusions N.S. Tr pyrite only													
575	586	11.0	Dk green Dioritic schist @ 30° - 50° - tr pyrite only Box 28	Pyr	Tr											
586	592	6.0	Dioritic schist 45° - black partings on shear planes - movement laterally - traces pyrite													
592	606	14.0	Siliceous in part and more massive Dioritic texture - altered zone. Box 29													
606	610	4.0	Dioritic schist @ 50° tr pyrite only	Pyr	tr											
610	620	10.0	Dioritic schist - altered zone - Silica grades into - altered Dioritic - tr isolated x'ls pyrite throughout - contact not sharp 60° - shearing in places porphyritic textures due to olivene - sampled													
612			Dip Test = 34°													
620	626	6.0	Altered Diorite schistose in parts - tr pyrite only Box 30	Pyr	Tr											

CORED DESCRIPTION

Logged by J.S. CARTER

COMPANY DRESSER MINERALS

DDH No. MS 74-3 CLAIM

LOCATION 2600E - 1068N El 1870

DIP ANGLE -45° AZ. 220° DATE July 1/74 PAGE 8

CORED FOOTAGE From	To	INTERVAL Feet	Sediment-Metamorphic-Igneous	VISIBLE MINERALS ESTIMATED Mineral	%	SAMPLE No.	INTERVAL Feet	Percent Cu	Pb	Zn		Assays oz. per ton Ag	Au			
626	638	12.0	As above													
638	648	10.0	Softer dk. green Dioritic schist - black on shear planes @ 60° - 70° increase in pyrite	Pyr.	1%											
648	650	2.0	Sampled Box 31													
650	660	10.0	Grades to dk grey almost black schist - maybe due to ground pyrite. Tr chalco	chalco	Tr.											
660	667	7.0	Very dark grey to black schist - Increase in pyrite - more massive cluster 8-15% pyrite in this section. Clusters of 2-5% chalco pyrite x'ls in the pyrite This section split core for Assay - Cu & Av	Pyrite chalco	11% 3%											
667	669	2.0	Less pyrite 2-3% - soft black schist Box 32	Pyr.	2%											
669	677	8.0	Altered zone - dk greenish Dioritic schist - pyrite 2-5% - tr chalco	chalco (S) Pyr	Tr 3%											
677	687	10.0	Denser & more siliceous - massive 45° sheared Diorite - pyrite 2-3%													
687	690	3.0	Grades into lt grey Diorite partly schist pyrite scattered @ 2-5% Box 33	Pyr	3%											
690	695	5.0	As above - grey diorite - sampled Pyrite 2-5%	Pyr.	3%											
695	703	8.0	Altered Dioritic grades in dk green porpyritic - sheared Diorite Tr pyrite throughout	Pyr	Tr	700										
	700		Sampled													
	702	—	DIP TEST = 28°													

CORED DESCRIPTION

Logged by J. S. CARTER

COMPANY DRESSER MINERALS

DDH No. MS 74-3 CLAIM

LOCATION 2600E - 1068N El 1870

DIP ANGLE -45° AZ 220° DATE July 1/74 PAGE 9

CORED FOOTAGE From	To	INTERVAL Feet	Sediment-Metamorphic-Igneous	VISIBLE MINERALS ESTIMATED Mineral	%	SAMPLE No.	INTERVAL Feet	Percent Cu	Pb	Zn		Assays oz. per ton Ag	Au			
703	711	8.0	Dark grey schist @ 80° - partings are black shears - siliceous in part - tr pyrite & chalco Box 34	Pyr chalco	Tr Tr											
711	732	21.0	Dk greenish grey altered schist @ 70° - tr pyrite only Box 35	Pyr	Tr.											
732	740	8.0	Appears to be more Argillaceous Breccia in part & shaly. This rock appears to be more similar to shales in DDH MS74-1													
740			T.D.													

CORED DESCRIPTION

Logged by J.S. CARTER

COMPANY DRUMMER MINERALS

DDH No. DDH MS74-4 CLAIM RICHARD III

LOCATION 38+00E 1+80S Az. 210°

DIP ANGLE -50° DATE July 24/74 PAGE 1

CORED FOOTAGE From	To	INTERVAL Feet	Sediment-Metamorphic-Igneous	VISIBLE MINERALS ESTIMATED Mineral	%	SAMPLE No.	INTERVAL Feet	Percent Cu	Pb	Zn		Assays oz. per ton Ag	Au			
0'	3.5'	3.5'	O.B. Broken Rock Schist													
3.5'	12'	8.5'	Cased "B" Lt. grey Schist @ 50° Tr. Pyrite throughout Few Specs. Chalco (S) @ 10'													
12'	15.5'	3.5'	As above B.Q. Core Box 1													
15.5'	35'	19.5'	Lt. grey silvery Schist Siliceous in part. Schistosity 50°- 60° 1% Tr. Pyrite throughout Tr. Chalco only (S) @ 30.0' Box 2													
35'	54'	19'	As above Box 3													
54'	72'	18'	Lt. grey schist @ 60°- 70° Lense of Silica Clusters Pyrite & Chalco @ 53° Tr. Pyrite throughout Box 4 Shearing Laterial Movement													
72'	99'	27'	Lt. grey Schist. Talcy in Parts Specs. Pyrite throughout (87'-90') Chalco Pyrite & Pyrite Sampled Box 5													
99'	110'	11'	As above Inclusions of Altered Dioritic rock 110' - Silica cement and qtz. Breccia in Part. Contact @ 50° Tr. Pyrite & Chalco.													
110'	119'	9'	Altered Diorite Lt. grey. Inc. Qtz. & Calcite @ 50° Tr. Pyrite Box 6 112' Dip Test 45°													

CORED FOOTAGE		INTER-VAL	CORED DESCRIPTION Logged by J.S.C.	VISIBLE MINERALS ESTIMATED		SAMPLE	INTER-VAL
From	To	Feet	Sediment-Metamorphic-Igneous	Mineral	%	No.	Feet
119'	129'	10'	As above Altered grey Dioritic Schistose rock. Tr. Chalco.				
129'	138'	9'	Lt. grey Schist @ 45° 135' Cu. 0.01% Box 7	Cu.	0.01%		135'
138'	157'	19'	Lt. grey Altered Schist. This appears to be highly Silicous Talc Schist. Few Specs. isolated Chalco Schistosity @ 45° Box 8	Cu.	0.5%		140'
157'	175'	18'	Lt. grey Siliceous Altered Talc Schist Tr. Pyrite & Chalco Box 9	Cu.	10%?		174'
175'	177'	2'	As above				
177'	195'	18'	Grades into grey Schist Schist @ 45° - 60° Softer less Silica More Pyrite with Traces Chalco Samples @ 190' Box 10				
195'	197'	2'	As above Tr. Pyr. & Chalco	Cu.	012%		197'
197'	215'	18'	Grades into Lt. grey creamy altered Schist Silica in part Barren sulphides Box 11 @ 202' Dip Test = 40°				
215'	229'	14'	As above Siliceous Nil Sulphides				
229'	235'	6'	Softer Grey Schist @ 70° More Pyrite Box 12				

COMPANY DRESSER MINERALS

DDH No. DDH MS 74-4 CLAIM

LOCATION

DIP ANGLE DATE PAGE 2

Percent			Assays oz. per ton					
Cu	Pb	Zn		Ag	Au			

CORED DESCRIPTION

Logged by J.S.C.

COMPANY DRESSER MINERALS

DDH No. DDH MS 74-4 CLAIM

LOCATION

DIP ANGLE DATE PAGE 3

CORED FOOTAGE From	To	INTER-VAL Feet	Sediment-Metamorphic-Igneous	VISIBLE MINERALS ESTIMATED Mineral	%	SAMPLE No.	INTER-VAL Feet	Percent Cu	Pb	Zn		Assays oz. per ton Ag	Au			
235'	247'	12'	Altered Grey Green Schist @ 70° Tr. Pyrite													
247'	254'	7'	Lenses Talc Schist & Grey green Schist Pyrite 1% Tr. Chalco Box 13	Cu.	0.3%		250'									
254'	273'	19'	Mainly grey to Lt. grey Schist @ 60° Fine x'ls. pyrite disseminated throughout Nil Chalco seen Box 14													
273'	286'	13'	Altered siliceous lt. grey Schist @ 60°	Cu.	Tr.		274'									
286'	292'	6'	Soft broken ground Breccia & gouge Shear Zone Pyrite 1%													
292'	293'	1'	Lt. grey Schist @ 45° Box 15													
293'	306'	13'	Lt. grey Schist 30°- 50° Pyrite. Tr. Chalco (300'-306') Sample Tr. Chalco													
306'	310'	4'	Lt. grey Schist Schistosity @ 30°-45° N.B. - blebs chalco-pyrite 6% in zones weakness Replacement in softer rock. Tr. Pyrite also ZnS. Split Sample for 310' Assay. Thin Section.	Cu.	1%		308'									
310'	313'	3'	Grey Schist. Only Tr. pyrite & Chalco. Sampled Box 16													

CORED DESCRIPTION

Logged by J.S.C.

COMPANY (SSER MINERALS

DDH No. DDH MS 74-4 CLAIM

LOCATION

DIP ANGLE DATE PAGE 4

CORED FOOTAGE From	To	INTERVAL Feet	Sediment-Metamorphic-Igneous	VISIBLE MINERALS ESTIMATED Mineral	%	SAMPLE No.	INTERVAL Feet	Percent Cu	Pb	Zn		Assays oz. per ton Ag	Au			
313'	333'	20'	Lt. grey altered Schist Schist 30°- 40° Tr. Pyrite & Chalcopyrite Scattered only @ 322' Dip Test 39° Box 17													
333'	353'	20'	Grey & pale green Schist @ 30°-50° Scattered Pyrite Tr. Chalco only Box 18	Cu.	0.05%		350'									
353'	371'	18'	Lt. grey siliceous in part Schist 30°- 50° Tr. Pyrite throughout Box 19													
371'	388'	17'	Lt. grey schist @ 45° Isolated Pyrite X'ls. throughout Box 20	Cu.	Tr.		383'									
388'	405'	17'	As above													
405'	419'	14'	As above Dip Test 34°													
419'	423'	4'	Grey altered Zone May be altered Lense of Argillaçous Sh. Hard dense siliceous @ 45° Tr. Pyrite only Box 21	Cu.	.05%		422'									
423'	442'	19'	Mainly lt. grey Schist in Part siliceous Dk. grey lense 442' - Thin band Chalco in lt. grey Schist @ 70° with Pyrite Box 22													
442'	460'	18'	Lt. grey Schist @ 70° Traces Pyr. & Chalco only Box 24													

CORED DESCRIPTION

Logged by .....J.S.C.....

COMPANY ..... DRESSER MINERALS .....

DDH No. DDH MS 74-4 ..... CLAIM .....

LOCATION .....

DIP ANGLE .....DATE ..... PAGE ..5.....

CORED FOOTAGE From	To	INTERVAL Feet	Sediment-Metamorphic-Igneous	VISIBLE MINERALS ESTIMATED Mineral	%	SAMPLE No.	INTERVAL Feet	Percent Cu	Pb	Zn		Assays oz. per ton Ag	Au			
460'	478'	18'	As above Low Pyrite Box 25													
478'	496'	18'	Grey Schist 60° Sheared & Broken N.B. Siliceous in Part Pyrite 1% in parts Box 26													
496'	503'	7'	As above Less Pyrite													
503'	514'	11'	Grades into Dk. grey altered Shist @ 30° Qtz. Inclusions and veins. Dense hard almost Nil Sulphides. Has Qtz. Porphyritic texture in parts. N.S. Box 27 512' Dip Test 31°													
514'	534'	20'	Grey Altered Parts "Porphyritic" Schist Siliceous Qtz. veinlets @ 40°- 60° Nil Sulphides seen Sample @ 525' Box 28													
534'	552'	18'	As above Qtz. @ 60° Grades to Dk. grey Altered Schist "Porphyritic" texture													
552'	574'	22'	As above Part @ 70° NS Box 30													
574'	593'	19'	Altered to more massive Dk. grey Porphyritic Diorite NS Less Qtz. Box 31													
593'	600'	7'	As above													
600'	611'	11'	Dk. green Diorite Traces Qtz. Pyr. & Chalco. 610' Sample 602' Dip Test = 31° Box 32													

CORED DESCRIPTION

Logged by JS.C.

COMPANY ...SSER MINERALS...

DDH No. DDH MS 74-4 CLAIM .....

LOCATION .....

DIP ANGLE .....DATE ..... PAGE 6

CORED FOOTAGE From	To	INTER-VAL Feet	Sediment-Metamorphic-Igneous	VISIBLE MINERALS ESTIMATED Mineral	%	SAMPLE No.	INTER-VAL Feet	Percent Cu	Pb	Zn		Assays oz. per ton Ag	Au			
611'	630'	19'	Diorite Massive "Porphyritic" olivene Tr. Qtz. NS. Box 33													
630'	648'	18'	Coarser Chrystals Diorite NS Middle Zone Box 34													
648'	669'	21'	Finer X'ls. Diorite Appears grading to chilled margin. 660' Sampled Box 35													
669'			T.D. Ends.													