

6456

PURSUANT TO
REGULATIONS GOVERNING ASSESSMENT
WORK UNDER THE MINERAL ACT
PART III

DRILLING REPORT
HOLE NFX 1 - 77

SILVER QUEEN PROPERTY
HOUSTON, B.C.

by George O.M. Stewart

August 3, 1977

MINERAL RESOURCES BRANCH ASSESSMENT REPORT NO. _____
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APPENDIX :

Crosscut and Layout Plan

Itemised Cost Statement

(a) Wages

The following persons were paid at the rate of \$8.50 regular time, \$12.75 time and half, and \$17.00 double time:-

<u>Name</u>	<u>Dates Worked</u>	<u>Wages Paid</u>	
Paul Lundgren	July 3 - 15/77	\$1,657.50	
	July 16, 1977	106.25	
	July 17 - 23/77	807.50	
		\$2,571.25	\$ 2,571.25
Norman Anderson	July 3 - 15/77	\$1,606.00	
	July 16, 1977	106.25	
	July 17 - 23/77	807.50	
		\$2,519.75	2,519.75

TIME SHEETS ATTACHED

(b) Supplies

Diamond bits for the drill (per invoice attached)	1,674.44
	\$6,765.44
	=====

TIME SHEET

Employee's Name NORM ANDERSON

S. M. W. Dep.

FROM JULY 1ST TO JULY 15TH 19 77

OCCUPATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TIME	RATE	EARNINGS
<i>Trailer</i>	8	10	10	11	11	11	11	11	11	11	11	11	11	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	96	8.50	816.00
<i>Tr. straight</i>	5	5	5	5	5	5				5	5	5	5	5																		50	12.75	637.50
<i>Tr. 1/4</i>	2	2	2	3	3	3	3	11	3	3	3	3	3	3	3																	16	17.00	272.00
<i>Tr. 2 DT</i>								8							8																			
BOARD	5																																	
																	TOTAL EARNINGS		5776.850	65.00	6800													
DATE	COMMISSARY OR MISC. CHARGES															AMOUNT	DEDUCTIONS		1792.50															
																	INCOME TAX	656.60	187.00	Less														
																	C.P.P.	31.38	1,606.00															
																	U.I.	7.15																
																	BOARD																	
																	ADVANCES																	
																	COMMISSARY																	
																	M.S.A.																	
																	TOTAL	695.13																
																	BALANCE DUE		1098.67															

Certified Correct _____

Paid by Cheque No. _____ Date Paid _____ 19__

Received Payment _____

SEE-MOORE PRINT

Should be checked

31 150.00 For call killed Deducted

[Signature]

LUNDGREN DIAMOND DRILLING

DAILY TIME REPORT

CONTRACT NAME NEW FRONTIER DRILLER LUNDGREN Hrs. 11 HELPER ANDERSON Hrs. 11
 DATE JULY 4th 77 DAY AFTERNOON
 HOLE No. NFX-77-1 NIGHT
 SIZE BQW/L

FROM			TO			FEET			CONTRACTOR HOURS			CLIENT HOURS		
CORING	7	108	101	CORING				7	7					
OVERBURDEN	0	7	7	OVERBURDEN										
REAM CASING				REAM CASING										
DRILL CEMENT				CEMENTING										
TEST DEPTHS				CAMP										
WATERLINE DISTANCE	<u>1800 FT. LIFT</u>			TESTING										
			<u>250 FT.</u>	WATERLINE				4	4					
				MOVING										
EQUIPMENT DATA				SET UP - TEAR DOWN										
UNIT	HOURS	REMARKS		SUPERVISION										
DRILL				T. DRIVING										
TRACTOR				REPAIRS & MAINT.										
4x4 TRUCK				WALKING										
				OTHER										
MOBILIZATION: FROM BASE TO TRUCK UNLOAD POINT														
DEMOBILIZATION: FROM TRUCK LOAD POINT TO BASE														
MOBILIZATION: FROM TRUCK UNLOAD PT. TO 1st HOLE														
DEMOBILIZATION: FROM LAST HOLE TO TRUCK LOAD POINT														
				TOTAL HOURS				11	11					

MATERIALS USED OR LOST _____
 QUANTITY _____ REMARKS _____

GENERAL COMMENTS PUT IN WATERLINE - STARTED HOLE.

CLIENT [Signature] CONTRACTOR Paul Lundgren

LUNDGREN DIAMOND DRILLING

DAILY TIME REPORT

CONTRACT NAME NEW FRONTIER DRILLER _____ Hrs. _____ HELPER _____ Hrs. _____
 DATE JULY 5TH 77 DAY AFTERNOON LUNDGREN 11 ANDERSON 11
 HOLE No. EX-77-1 NIGHT
 SIZE BQ w/4

FROM			TO			FEET			CONTRACTOR HOURS			CLIENT HOURS		
CORING	108	358	250	CORING				11	11					
OVERBURDEN				OVERBURDEN										
REAM CASING				REAM CASING										
DRILL CEMENT				CEMENTING										
TEST DEPTHS				CAMP										
WATERLINE DISTANCE _____ FT.				TESTING										
LIFT _____ FT.				WATERLINE										
EQUIPMENT DATA				MOVING										
UNIT	HOURS	REMARKS		SET UP - TEAR DOWN										
DRILL				SUPERVISION										
TRACTOR				T. DRIVING										
4x4 TRUCK				REPAIRS & MAINT.										
				WALKING										
				OTHER										
MOBILIZATION: FROM BASE TO TRUCK UNLOAD POINT														
DEMOBILIZATION: FROM TRUCK LOAD POINT TO BASE														
MOBILIZATION: FROM TRUCK UNLOAD PT. TO 1st HOLE														
DEMOBILIZATION: FROM LAST HOLE TO TRUCK LOAD POINT														
				TOTAL HOURS				11	11					

MATERIALS USED OR LOST _____
 QUANTITY _____ REMARKS _____

GENERAL COMMENTS _____

CLIENT [Signature] CONTRACTOR Paul Lundgren

LUNDGREN DIAMOND DRILLING

DAILY TIME REPORT

CONTRACT NAME NEW FRONTIER DRILLER LUNDGREN Hrs. 11 HELPER ANDERSON Hrs. 11
 DATE July 6th 77 DAY AFTERNOON
 HOLE No. FX-77-1 AFTERNON
 SIZE BQ wh NIGHT

				CONTRACTOR HOURS				CLIENT HOURS			
	FROM	TO	FEET								
CORING	358	548	190	CORING				11	11		
OVERBURDEN				OVERBURDEN							
REAM CASING				REAM CASING							
DRILL CEMENT				CEMENTING							
TEST DEPTHS				CAMP							
WATERLINE DISTANCE _____ FT.				TESTING							
LIFT _____ FT.				WATERLINE							
EQUIPMENT DATA				MOVING							
				SET UP - TEAR DOWN							
UNIT	HOURS	REMARKS		SUPERVISION							
DRILL				T. DRIVING							
TRACTOR				REPAIRS & MAINT.							
4x4 TRUCK				WALKING							
MOBILIZATION: FROM BASE TO TRUCK UNLOAD POINT				OTHER							
DEMOBILIZATION: FROM TRUCK LOAD POINT TO BASE											
MOBILIZATION: FROM TRUCK UNLOAD PT. TO 1st HOLE											
DEMOBILIZATION: FROM LAST HOLE TO TRUCK LOAD POINT											
				TOTAL HOURS				11	11		

MATERIALS USED OR LOST _____
 QUANTITY _____ REMARKS _____

GENERAL COMMENTS _____

CLIENT [Signature] CONTRACTOR Paul Lundgren

LUNDGREN DIAMOND DRILLING

DAILY TIME REPORT

CONTRACT NAME New FRONTIER DRILLER _____ Hrs. _____ HELPER _____ Hrs. _____
 DATE July 7th 77 DAY _____
 HOLE No. FX-77-1 AFTERNOON LUNDGREN 11 ANDERSON 11
 SIZE BQ w/c NIGHT _____

				CONTRACTOR HOURS				CLIENT HOURS			
	FROM	TO	FEET								
CORING	548	668	120	CORING				10	10		
OVERBURDEN				OVERBURDEN							
REAM CASING				REAM CASING							
DRILL CEMENT				CEMENTING							
TEST DEPTHS		605 FT.		CAMP							
WATERLINE DISTANCE		FT.	LIFT	TESTING ^{SUN}				1	1		
EQUIPMENT DATA				WATERLINE							
UNIT	HOURS	REMARKS		MOVING							
DRILL				SET UP - TEAR DOWN							
TRACTOR				SUPERVISION							
4x4 TRUCK				T. DRIVING							
				REPAIRS & MAINT.							
				WALKING							
				OTHER							
MOBILIZATION: FROM BASE TO TRUCK UNLOAD POINT											
DEMOBILIZATION: FROM TRUCK LOAD POINT TO BASE											
MOBILIZATION: FROM TRUCK UNLOAD PT. TO 1st HOLE											
DEMOBILIZATION: FROM LAST HOLE TO TRUCK LOAD POINT											
				TOTAL HOURS				11	11		

MATERIALS USED OR LOST _____
 QUANTITY _____ REMARKS _____

GENERAL COMMENTS _____

CLIENT [Signature] CONTRACTOR Paul Lundgren

LUNDGREN DIAMOND DRILLING

DAILY TIME REPORT

CONTRACT NAME NEW FRONTIER - DRILLER
 DATE July 9th 77 DAY LUNDGREN
 HOLE No. EX-77-1 AFTERNOON
 SIZE BQ w/c NIGHT

Hrs.	HELPER	Hrs.
<u>11</u>	<u>ANDERSON</u>	<u>11</u>

FROM			TO			FEET			CONTRACTOR HOURS			CLIENT HOURS		
CORING						CORING					<u>11</u>	<u>11</u>		
OVERBURDEN						OVERBURDEN								
REAM CASING						REAM CASING								
DRILL CEMENT						CEMENTING								
TEST DEPTHS						CAMP								
WATERLINE DISTANCE			FT.	LIFT	FT.	TESTING								
EQUIPMENT DATA						WATERLINE								
						MOVING								
UNIT	HOURS	REMARKS				SET UP -- TEAR DOWN								
DRILL						SUPERVISION								
TRACTOR						T. DRIVING								
4x4 TRUCK						REPAIRS & MAINT.								
MOBILIZATION: FROM BASE TO TRUCK UNLOAD POINT						WALKING								
DEMOBILIZATION: FROM TRUCK LOAD POINT TO BASE						OTHER								
MOBILIZATION: FROM TRUCK UNLOAD PT. TO 1st HOLE														
DEMOBILIZATION: FROM LAST HOLE TO TRUCK LOAD POINT														
						TOTAL HOURS					<u>11</u>	<u>11</u>		

MATERIALS USED OR LOST

QUANTITY	REMARKS

GENERAL COMMENTS

CLIENT [Signature]

CONTRACTOR Paul Lundgren

LUNDGREN DIAMOND DRILLING

DAILY TIME REPORT

CONTRACT NAME NEW FRONTIER DRILLER LUNDGREN Hrs. 11 HELPER ANDERSON Hrs. 11
 DATE JULY 10TH 77 DAY AFTERNOON
 HOLE No. FX-77-1 NIGHT
 SIZE BQW/K

FROM			TO			FEET			CONTRACTOR HOURS			CLIENT HOURS		
CORING	848	968	120	CORING				11	11					
OVERBURDEN				OVERBURDEN										
REAM CASING				REAM CASING										
DRILL CEMENT				CEMENTING										
TEST DEPTHS				CAMP										
WATERLINE DISTANCE		FT.	LIFT	FT.	TESTING									
EQUIPMENT DATA				WATERLINE										
UNIT	HOURS	REMARKS		MOVING										
DRILL				SET UP -- TEAR DOWN										
TRACTOR				SUPERVISION										
4x4 TRUCK				T. DRIVING										
MOBILIZATION: FROM BASE TO TRUCK UNLOAD POINT				REPAIRS & MAINT.										
DEMOBILIZATION: FROM TRUCK LOAD POINT TO BASE				WALKING										
MOBILIZATION: FROM TRUCK UNLOAD PT. TO 1st HOLE				OTHER										
DEMOBILIZATION: FROM LAST HOLE TO TRUCK LOAD POINT														
				TOTAL HOURS				11	11					

MATERIALS USED OR LOST

QUANTITY _____ REMARKS _____

GENERAL COMMENTS

CLIENT [Signature] CONTRACTOR Paul Lundgren

LUNDGREN DIAMOND DRILLING

12

DAILY TIME REPORT

CONTRACT NAME NEW FRONTIER DRILLER
 DATE JULY 11th 77 DAY LUNDGREN
 HOLE No FX-77-1 AFTERNOON
 SIZE BQ w/k NIGHT

Hrs.	HELPER	Hrs.
<u>11</u>	<u>ANDERSON</u>	<u>11</u>

			CONTRACTOR HOURS				CLIENT HOURS				
	FROM	TO	FEET								
CORING	<u>968</u>	<u>1108</u>	<u>140</u>	CORING				<u>11</u>	<u>11</u>		
OVERBURDEN				OVERBURDEN							
REAM CASING				REAM CASING							
DRILL CEMENT				CEMENTING							
TEST DEPTHS				CAMP							
WATERLINE DISTANCE		FT.	LIFT	FT.	TESTING						
EQUIPMENT DATA				WATERLINE							
UNIT	HOURS	REMARKS		MOVING							
DRILL				SET UP -- TEAR DOWN							
TRACTOR				SUPERVISION							
4x4 TRUCK				T. DRIVING							
MOBILIZATION: FROM BASE TO TRUCK UNLOAD POINT				REPAIRS & MAINT.							
DEMobilIZATION: FROM TRUCK LOAD POINT TO BASE				WALKING							
MOBILIZATION: FROM TRUCK UNLOAD PT. TO 1st HOLE				OTHER							
DEMobilIZATION: FROM LAST HOLE TO TRUCK LOAD POINT											
				TOTAL HOURS				<u>11</u>	<u>11</u>		

MATERIALS USED OR LOST
 QUANTITY _____ REMARKS _____

GENERAL COMMENTS _____

CLIENT Acas CONTRACTOR Paul Lundgren

LUNDGREN DIAMOND DRILLING

DAILY TIME REPORT

CONTRACT NAME New Frontier DRILLER _____ Hrs. _____ HELPER _____ Hrs. _____
 DATE July 12th 77 DAY LUNDGREN 11 ANDERSON 11
 HOLE No FX-77-1 AFTERNOON
 SIZE BQ w/c NIGHT

				CONTRACTOR HOURS				CLIENT HOURS			
	FROM	TO	FEET								
CORING	1108	1208	100	CORING				11	11		
OVERBURDEN				OVERBURDEN							
REAM CASING				REAM CASING							
DRILL CEMENT				CEMENTING							
TEST DEPTHS				CAMP							
WATERLINE DISTANCE _____ FT.	LIFT _____ FT.			TESTING							
EQUIPMENT DATA				WATERLINE							
UNIT	HOURS	REMARKS		MOVING							
DRILL				SET UP - TEAR DOWN							
TRACTOR				SUPERVISION							
4x4 TRUCK				T. DRIVING							
				REPAIRS & MAINT.							
				WALKING							
				OTHER							
MOBILIZATION: FROM BASE TO TRUCK UNLOAD POINT											
DEMobilIZATION: FROM TRUCK LOAD POINT TO BASE											
MOBILIZATION: FROM TRUCK UNLOAD PT. TO 1st HOLE											
DEMobilIZATION: FROM LAST HOLE TO TRUCK LOAD POINT											
				TOTAL HOURS				11	11		

MATERIALS USED OR LOST _____
 QUANTITY _____ REMARKS _____

GENERAL COMMENTS _____

CLIENT AMS CONTRACTOR Paul Lundgren

LUNDGREN DIAMOND DRILLING

DAILY TIME REPORT

CONTRACT NAME NEW FRONTIER DRILLER LUNDGREN Hrs. 14 HELPER ANDERSON Hrs. 11
 DATE JULY 13TH 77 DAY AFTERNOON
 HOLE No FX-77-1 NIGHT
 SIZE BQW/L

FROM			TO			FEET			CONTRACTOR HOURS			CLIENT HOURS		
CORING	1208	1308	100	CORING				11	11					
OVERBURDEN				OVERBURDEN										
REAM CASING				REAM CASING										
DRILL CEMENT				CEMENTING										
TEST DEPTHS				CAMP										
WATERLINE DISTANCE		FT.	LIFT	FT.	TESTING									
EQUIPMENT DATA				WATERLINE										
UNIT	HOURS	REMARKS		MOVING										
DRILL				SET UP - TEAR DOWN										
TRACTOR				SUPERVISION										
4x4 TRUCK				T. DRIVING										
				REPAIRS & MAINT.							3			
				WALKING										
				OTHER										
MOBILIZATION: FROM BASE TO TRUCK UNLOAD POINT														
DEMOBILIZATION: FROM TRUCK LOAD POINT TO BASE														
MOBILIZATION: FROM TRUCK UNLOAD PT. TO 1st HOLE														
DEMOBILIZATION: FROM LAST HOLE TO TRUCK LOAD POINT														
				TOTAL HOURS							14	11		

MATERIALS USED OR LOST

QUANTITY _____ REMARKS _____

GENERAL COMMENTS LUNDGREN INSTALLED GENERATOR + REGULAR ON DRILL.

CLIENT

CONTRACTOR

Paul Lundgren

LUNDGREN DIAMOND DRILLING

DAILY TIME REPORT

CONTRACT NAME NEW FRONTIER DRILLER _____ Hrs. _____ HELPER _____ Hrs. _____
 DATE JULY 14TH 77 DAY DAY LUNDGREN Hrs. 11 HELPER ANDERSON Hrs. 11
 HOLE No. FX-77-1 AFTERNOON NIGHT
 SIZE BQ w/c

FROM			TO	FEET	CONTRACTOR HOURS				CLIENT HOURS			
CORING	<u>1308</u>	<u>1368</u>		<u>60</u>					<u>7</u>	<u>7</u>		
OVERBURDEN												
REAM CASING												
DRILL CEMENT												
TEST DEPTHS												
WATERLINE DISTANCE			FT.	LIFT	FT.							
EQUIPMENT DATA												
UNIT	HOURS	REMARKS										
DRILL												
TRACTOR												
4x4 TRUCK									<u>1</u>	<u>1</u>		
									<u>3</u>	<u>3</u>		
MOBILIZATION: FROM BASE TO TRUCK UNLOAD POINT												
DEMobilIZATION: FROM TRUCK LOAD POINT TO BASE												
MOBILIZATION: FROM TRUCK UNLOAD PT. TO 1st HOLE												
DEMobilIZATION: FROM LAST HOLE TO TRUCK LOAD POINT												
TOTAL HOURS									<u>11</u>	<u>11</u>		

MATERIALS USED OR LOST

QUANTITY _____ REMARKS _____

GENERAL COMMENTS REPLACED FAN BELT - CHANGED BIT

CLIENT

Loke S

CONTRACTOR

Paul Lundgren

LUNDGREN DIAMOND DRILLING

DAILY TIME REPORT

CONTRACT NAME NEW FRONTIER DRILLER LUNDGREN Hrs. 11 HELPER ANDERSON Hrs. 11
 DATE JULY 15TH 77 DAY AFTERNOON
 HOLE No. FDC-77-1 NIGHT
 SIZE BQ w/h.

FROM TO FEET			CONTRACTOR HOURS				CLIENT HOURS				
CORING	1368	1446	78					11	11		
OVERBURDEN											
REAM CASING											
DRILL CEMENT											
TEST DEPTHS											
WATERLINE DISTANCE		FT.	LIFT	FT.							
EQUIPMENT DATA											
UNIT	HOURS	REMARKS									
DRILL											
TRACTOR											
4x4 TRUCK											
MOBILIZATION: FROM BASE TO TRUCK UNLOAD POINT											
DEMobilIZATION: FROM TRUCK LOAD POINT TO BASE											
MOBILIZATION: FROM TRUCK UNLOAD PT. TO 1st HOLE											
DEMobilIZATION: FROM LAST HOLE TO TRUCK LOAD POINT											
TOTAL HOURS								11	11		

MATERIALS USED OR LOST

QUANTITY _____ REMARKS _____

GENERAL COMMENTS CHANGED BIT.

CLIENT

None

CONTRACTOR

Paul Lundgren

LUNDGREN DIAMOND DRILLING

DAILY TIME REPORT

CONTRACT NAME NEW FRONTIER
 DATE JULY 16TH 77 DAY DAY
 HOLE No. FX-77-1 AFTERNOON
 SIZE 8 3/4 NIGHT

DRILLER
P. LUNDGREN

Hrs.	HELPER	Hrs.
<u>11</u>	<u>N. ANDERSON</u>	<u>11</u>

FROM			TO			FEET			CONTRACTOR HOURS			CLIENT HOURS		
CORING	<u>1446</u>	<u>1528</u>			<u>82</u>	CORING					<u>11</u>	<u>11</u>		
OVERBURDEN						OVERBURDEN								
REAM CASING						REAM CASING								
DRILL CEMENT						CEMENTING								
TEST DEPTHS						CAMP								
WATERLINE DISTANCE			FT.	LIFT	FT.	TESTING								
EQUIPMENT DATA						WATERLINE								
						MOVING								
UNIT	HOURS	REMARKS			SET UP -- TEAR DOWN									
DRILL					SUPERVISION									
TRACTOR					T. DRIVING									
4x4 TRUCK					REPAIRS & MAINT.									
MOBILIZATION: FROM BASE TO TRUCK UNLOAD POINT						WALKING								
DEMOBILIZATION: FROM TRUCK LOAD POINT TO BASE						OTHER								
MOBILIZATION: FROM TRUCK UNLOAD PT. TO 1st HOLE														
DEMOBILIZATION: FROM LAST HOLE TO TRUCK LOAD POINT														
						TOTAL HOURS					<u>11</u>	<u>11</u>		

Regular Time 8 hours @ 8.50 = 68.00
Time + 1/2 3 hours @ 12.75 = 38.25
106.25

MATERIALS USED OR LOST
 QUANTITY

REMARKS

GENERAL COMMENTS THIS SHIFT IS CREDIT FOR OVERPAYMENT ON JULY FIRST, TIME SHEET.

CLIENT _____ CONTRACTOR Paul Lundgren

TIME SHEET

Employee's Name Maim Andrewon

S. M. W. Dep.

From July 11 To July 31 1971

Occupation	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Time	Rate	Earnings
ST																	8	8	8	8	8				8	8	8	8				80	8.50	680.00
Time + 1/2																	3	3	3	3	2	11			3	3	3	2	3	11	3	54	12.75	688.50
Dble time																							8									9	17.00	289.00
																	TOTAL EARNINGS													1657.50				
																												Less:		850.00				
																														807.50				
Date	Commissary or Misc. Charges															Amount		DEDUCTIONS																
																		Income Tax	524.90															
																		C.P.P.	29.16															
																		U.I.	7.15															
																		Board																
																		Advances																
																		Commissary																
																		M. S. A.																
																		TOTAL	561.21															
																	TOTAL EARNINGS													1096.29				

Paid by Cheque No. _____ Date Paid _____ 19__

Certified Correct _____

Received Payment _____

TIME SHEET

Employee's Name Paul Hendryen

S. M. W. Dep.

From July 11th To July 31 1971

Occupation	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Time	Rate	Earnings	
ST																	8	8	8	8	8				8	8	8	8				88	8.50	748.00	
Time + 1/2																	3	3	3	3	3	11			2	3	3	3	2	11	2	3	55	12.75	701.25
Dble time																							9									9	17.00	306.00	
																	TOTAL EARNINGS													1755.25					
																												Less:		947.75					
																														807.50					
Date	Commissary or Misc. Charges															Amount		DEDUCTIONS																	
																		Income Tax																	
																		C.P.P.																	
																		U.I.																	
																		Board																	
																		Advances																	
																		Commissary																	
																		M. S. A.																	
																		TOTAL																	
																	TOTAL EARNINGS													1755.25					

Paid by Cheque No. _____ Date Paid _____ 19__

Certified Correct _____

Received Payment _____

LUNDGREN DIAMOND DRILLING

DAILY TIME REPORT

CONTRACT NAME NEW FRONTIER DRILLER LUNDGREN Hrs. 11 HELPER ANDERSON Hrs. 11
 DATE JULY 17TH 77 DAY AFTERNOON
 HOLE No. NF-77-1 AFTERNON
 SIZE BQW/L @ -75° NIGHT

FROM			TO	FEET	CONTRACTOR HOURS			CLIENT HOURS		
CORING	1528	1618	90	CORING				11	11	
OVERBURDEN				OVERBURDEN						
REAM CASING				REAM CASING						
DRILL CEMENT				CEMENTING						
TEST DEPTHS				CAMP						
WATERLINE DISTANCE _____ FT. LIFT _____ FT.				TESTING						
EQUIPMENT DATA				MOVING						
UNIT	HOURS	REMARKS		SET UP - TEAR DOWN						
DRILL				SUPERVISION						
TRACTOR				T. DRIVING						
4x4 TRUCK				REPAIRS & MAINT.						
MOBILIZATION: FROM BASE TO TRUCK UNLOAD POINT				WALKING						
DEMOBILIZATION: FROM TRUCK LOAD POINT TO BASE				OTHER						
MOBILIZATION: FROM TRUCK UNLOAD PT. TO 1st HOLE										
DEMOBILIZATION: FROM LAST HOLE TO TRUCK LOAD POINT										
					TOTAL HOURS			11	11	

MATERIALS USED OR LOST
 QUANTITY _____ REMARKS _____

GENERAL COMMENTS _____

CLIENT _____ CONTRACTOR Paul R. Lundgren

LUNDGREN DIAMOND DRILLING

DAILY TIME REPORT

CONTRACT NAME NEW FRONTIER DRILLER LUNDGREN Hrs. 11 HELPER ANDERSON Hrs. 11
 DATE JULY 18TH 77 DAY AFTERNOON
 HOLE No. NF-77-1 AFTERNOON
 SIZE BQ W/L @ -75° NIGHT

			CONTRACTOR HOURS				CLIENT HOURS				
	FROM	TO	FEET								
CORING	1618	1678	60	CORING				11	11		
OVERBURDEN				OVERBURDEN							
REAM CASING				REAM CASING							
DRILL CEMENT				CEMENTING							
				CAMP							
TEST DEPTHS				TESTING							
WATERLINE DISTANCE _____ FT. LIFT _____ FT.				WATERLINE							
				MOVING							
EQUIPMENT DATA				SET UP - TEAR DOWN							
UNIT	HOURS	REMARKS		SUPERVISION							
DRILL				T. DRIVING							
TRACTOR				REPAIRS & MAINT.							
4x4 TRUCK				WALKING							
				OTHER							
MOBILIZATION: FROM BASE TO TRUCK UNLOAD POINT											
DEMOBILIZATION: FROM TRUCK LOAD POINT TO BASE											
MOBILIZATION: FROM TRUCK UNLOAD PT. TO 1st HOLE											
DEMOBILIZATION: FROM LAST HOLE TO TRUCK LOAD POINT											
				TOTAL HOURS				11	11		

MATERIALS USED OR LOST _____
 QUANTITY _____ REMARKS _____

GENERAL COMMENTS PULLED RODS CHANGED BIT AND ADDED WIRELINE
CABLE

CLIENT _____ CONTRACTOR Paul R. Lundgren

LUNDGREN DIAMOND DRILLING

DAILY TIME REPORT

CONTRACT NAME NEW FRONTIER DRILLER LUNDGREN Hrs. 11 HELPER ANDERSON Hrs. 11
 DATE JULY 19TH 77 DAY AFTERNOON NIGHT
 HOLE No. NF-77-1 SIZE BQW/L @ -25°

FROM			TO			FEET			CONTRACTOR HOURS			CLIENT HOURS		
CORING	<u>1678</u>	<u>1768</u>	<u>90</u>	CORING				<u>11</u>	<u>11</u>					
OVERBURDEN				OVERBURDEN										
REAM CASING				REAM CASING										
DRILL CEMENT				CEMENTING										
TEST DEPTHS				CAMP										
WATERLINE DISTANCE _____ FT. LIFT _____ FT.				TESTING										
EQUIPMENT DATA				WATERLINE										
UNIT	HOURS	REMARKS		MOVING										
DRILL				SET UP - TEAR DOWN										
TRACTOR				SUPERVISION										
4x4 TRUCK				T. DRIVING										
MOBILIZATION: FROM BASE TO TRUCK UNLOAD POINT				REPAIRS & MAINT.										
DEMOBILIZATION: FROM TRUCK LOAD POINT TO BASE				WALKING										
MOBILIZATION: FROM TRUCK UNLOAD PT. TO 1st HOLE				OTHER										
DEMOBILIZATION: FROM LAST HOLE TO TRUCK LOAD POINT														
				TOTAL HOURS				<u>11</u>	<u>11</u>					

MATERIALS USED OR LOST _____
 QUANTITY _____ REMARKS _____

GENERAL COMMENTS _____

CLIENT _____ CONTRACTOR Paul R. Lundgren

LUNDGREN DIAMOND DRILLING

DAILY TIME REPORT

CONTRACT NAME NEW FRONTIER DRILLER LUNDGREN Hrs. 11 HELPER ANDERSON Hrs. 11
 DATE JULY 20TH 77 DAY AFTERNOON
 HOLE No. NF-77-1 NIGHT
 SIZE BQWIK@-75° NIGHT

FROM			TO	FEET	CONTRACTOR HOURS			CLIENT HOURS		
CORING	<u>1768</u>	<u>1838</u>	<u>70</u>	CORING			<u>11</u>	<u>11</u>		
OVERBURDEN				OVERBURDEN						
REAM CASING				REAM CASING						
DRILL CEMENT				CEMENTING						
TEST DEPTHS				CAMP						
WATERLINE DISTANCE _____ FT. LIFT _____ FT.				TESTING						
EQUIPMENT DATA				WATERLINE						
				MOVING						
UNIT	HOURS	REMARKS		SET UP - TEAR DOWN						
DRILL				SUPERVISION						
TRACTOR				T. DRIVING						
4x4 TRUCK				REPAIRS & MAINT.						
MOBILIZATION: FROM BASE TO TRUCK UNLOAD POINT				WALKING						
DEMobilIZATION: FROM TRUCK LOAD POINT TO BASE				OTHER						
MOBILIZATION: FROM TRUCK UNLOAD PT. TO 1st HOLE										
DEMobilIZATION: FROM LAST HOLE TO TRUCK LOAD POINT										
					TOTAL HOURS			<u>11</u>	<u>11</u>	

MATERIALS USED OR LOST _____
 QUANTITY _____ REMARKS _____

GENERAL COMMENTS _____

CLIENT _____ CONTRACTOR Paul Lundgren

LUNDGREN DIAMOND DRILLING

DAILY TIME REPORT

CONTRACT NAME <u>NEW FRONTIER</u>	DRILLER <u>LUNDGREN</u>	Hrs. <u>11</u>	HELPER <u>ANDERSON</u>	Hrs. <u>11</u>
DATE <u>JULY 21ST 77</u> DAY <input checked="" type="checkbox"/>				
HOLE No. <u>NF-77-1</u> AFTERNOON <input type="checkbox"/>				
SIZE <u>BQWL @ 75°</u> NIGHT <input type="checkbox"/>				

			CONTRACTOR HOURS				CLIENT HOURS				
	FROM	TO	FEET								
CORING	1838	1868	30	CORING				11	11		
OVERBURDEN				OVERBURDEN							
REAM CASING				REAM CASING							
DRILL CEMENT				CEMENTING							
TEST DEPTHS				CAMP							
WATERLINE DISTANCE _____ FT. LIFT _____ FT.				TESTING							
EQUIPMENT DATA				MOVING							
UNIT	HOURS	REMARKS		SET UP - TEAR DOWN							
DRILL				SUPERVISION							
TRACTOR				T. DRIVING							
4x4 TRUCK				REPAIRS & MAINT.							
MOBILIZATION: FROM BASE TO TRUCK UNLOAD POINT				WALKING							
DEMOBILIZATION: FROM TRUCK LOAD POINT TO BASE				OTHER							
MOBILIZATION: FROM TRUCK UNLOAD PT. TO 1st HOLE											
DEMOBILIZATION: FROM LAST HOLE TO TRUCK LOAD POINT											
				TOTAL HOURS				11	11		

MATERIALS USED OR LOST

QUANTITY _____ REMARKS _____

GENERAL COMMENTS PULLED RODS CHANGED BIT - HAD CAVE IN HOLE FROM 1600 TO 1868.

CLIENT _____ CONTRACTOR Paul Lundgren

LUNDGREN DIAMOND DRILLING

DAILY TIME REPORT

CONTRACT NAME NEW FRONTIER DRILLER LUNDGREN Hrs. 8 HELPER ANDERSON Hrs. 8
 DATE JULY 23RD 77 DAY WATER NIGHT
 HOLE No. NF-77-1 AFTERNOON
 SIZE BQWL @ 75° NIGHT

FROM			TO			FEET			CONTRACTOR HOURS			CLIENT HOURS		
CORING	1968	1988	20	CORING				2	2					
OVERBURDEN				OVERBURDEN										
REAM CASING				REAM CASING										
DRILL CEMENT				CEMENTING										
TEST DEPTHS <u>1985 FT.</u>				CAMP										
WATERLINE DISTANCE _____ FT. LIFT _____ FT.				TESTING <u>SPERRY SUN</u>				1	1					
EQUIPMENT DATA				WATERLINE										
				MOVING										
UNIT	HOURS	REMARKS		SET UP - TEAR DOWN										
DRILL				SUPERVISION										
TRACTOR				T. DRIVING										
4x4 TRUCK				REPAIRS & MAINT.										
MOBILIZATION: FROM BASE TO TRUCK UNLOAD POINT				WALKING										
DEMOBILIZATION: FROM TRUCK LOAD POINT TO BASE				OTHER <u>PULLING RODS</u>				5	5					
MOBILIZATION: FROM TRUCK UNLOAD PT. TO 1st HOLE														
DEMOBILIZATION: FROM LAST HOLE TO TRUCK LOAD POINT														
								TOTAL HOURS			8	8		

MATERIALS USED OR LOST

QUANTITY B.W CASING LEFT IN HOLE REMARKS _____

3 BY 2 FT. LENGTHS

BW SHOE # 2367

GENERAL COMMENTS HOLE COMPLETED - OUT OF RODS, PULLED RODS IN 10 FT. LENGTHS.

CLIENT _____

CONTRACTOR Paul Lundgren

J. K. SMIT & SONS DIAMOND PRODUCTS LIMITED 26

81 TYCOS DRIVE
TORONTO, ONTARIO M6B 1W5
Tel: 781-3534

1401 PITFIELD BOULEVARD,
VILLE ST. LAURENT, QUEBEC H4S 1G3
Tel: 332-0250

46 EAST 3rd. AVENUE,
VANCOUVER, B.C. V5T 1C3
Tel: 879-9251

PLEASE REMIT TO:
S.V.P. REMETTEZ A

S. ORDER NO.
S. COMMANDE
5412

CUSTOMER ORDER NO./NO. COMMANDE DU CLIENT AND DATE REC'D/ ET DATE REÇUE
July 7, 1977

INVOICE DATE DATE DE FACTURE
July 8, 1977

SOLD TO: **Lundgren Diamond Drilling**
P.O. Box 3791
Smithers, B.C.

F.O.B./F.A.B. COMP PART BAL.

TERMS/TERMES

SHIP VIA:

INVOICE NO. DE FACTURE P.P.D. COLL.
61-7-77 **XXX**

PWAX

SHIP TO
EXPÉDIE A

B/O	ORDERED COMMANDEE	THIS SHIP CETTE EXP.	DESCRIPTION & SERIAL NUMBERS DESCRIPTION & NO DE SÉRIE	UNIT UNITE	UNIT PRICE PRIX UNITAIRE	AMOUNT MONTANT
			Setting			
	3	3	BO Coring bits 100 Series 4 steps 3 W.C. 3 Carbide inserts at W.C. 6 Carbide tips on I.D. 9 Carbide tips on O.D. Hard matrix Grade AA 20965-20967 Bortz 30.66 Cts.		75.75 23.50	227.25 720.51
	3	3	Setting BO Coring bits 200 Series 4 steps 3 W.C. 3 Carbide inserts at W.C. 6 Carbide tips on I.D. 9 Carbide tips on I.D. Hard matrix Grade AA 20927-20929 Bortz 19.05 Cts.		78.50 23.50	235.50 447.68
	10	10	128B16 Corelifters		4.35	43.50
SUB/SOUS TOTAL						1674.44

AMOUNT SUBJ. TO P.S.T. MONTANT SUJET A T.V.P.	FED. SALES TAX TAX DE VENTE FEDERALE	SUB TOTAL SOUS TOTAL	AMOUNT SUBJ. TO P.S.T. MONTANT SUJET A T.V.P.	PROV. SALES TAX TAX DE VENTE PROV.	SHIPPING CHARGES FRAIS D'EXPEDITION	TOTAL/MONTANT *
Schedule III *			1674.44	XXXX 117.21		XXXXXX \$1791.65

CONDITIONS OF SALE FOR DIAMOND SETMINING PRODUCTS INDUSTRIAL BITS AND SAWS.

AS A SERVICE TO OUR CUSTOMERS AND TO FACILITATE THE ROTATION OF DIAMONDS, WE WILL ACCEPT USABLE STONES RECOVERED FROM USED ITEMS AS A CREDIT ONLY AGAINST SUBSEQUENT ORDERS FOR NEW ITEMS IN THE SAME PRODUCT LINE. WHERE THE WEIGHT OF DIAMONDS SET IN THE NEW ITEMS ORDERED DOES NOT EQUAL THE WEIGHT OF DIAMONDS COVERED FROM USED ITEMS, WE WILL HOLD ANY EXCESS OF USABLE DIAMONDS IN SAFE-KEEPING FOR YOU AND SUBJECT TO YOUR ORDER, WE DO NOT OBLIGATE OURSELVES AT ANY TIME TO PURCHASE OR TAKE BACK NEW OR USED DIAMONDS FOR CREDIT.

CONDITIONS DE VENTE CONCERNANT LES ARTICLES DIAMANTES

AFIN D'ACCOMMODER NOS CLIENTS ET POUR FACILITER LA ROTATION DES DIAMANTS, NOUS ACCEPTERONS DE CRÉDITER LES DIAMANTS RÉCUPÉRÉS PROVENANT DES ARTICLES DIAMANTÉS USAGÉS; LEQUEL CRÉDIT POURRA ÊTRE UTILISÉ SEULEMENT CONTRE DES ACHATS SUBSÉQUENTS DE PRODUITS NEUFS DE LA MÊME CATÉGORIE, LORSQUE LE POIDS TOTAL DES ARTICLES NEUFS AINSI COMMANDÉS N'ÉGALERA PAS LE POIDS DES DIAMANTS RÉCUPÉRÉS DES ITEMS USAGÉS. NOUS RETIENDRONS L'EXCÉDENT EN SÛRETÉ, SUJET À VOS COMMANDES SUBSÉQUENTES, NOUS NE NOUS ENGAGEONS EN AUCUN CAS À ACHETER OU REPRENDRE AUCUN DIAMANT NEUF OU USAGÉ.

NOTE: NO GOODS MAY BE RETURNED WITHOUT OUR AUTHORIZATION. SETTING CHARGES ON UNUSED BITS ARE NOT REFUNDABLE.

AVIS: AUCUN ARTICLE RETOURNÉ NE SERA ACCEPTÉ SANS AUTORISATION PRÉALABLE. LE PRIX DU MONTAGE DES COURONNES DIAMANTÉES NEUDES N'EST PAS REMBOURSABLE.

**DUPLICATE INVOICE
DUPLICATA FACTURE**

Dip - 75° B. Q. W. L.
Azimuth - 180°

- 0' - 12' Casing and overburden.
- 12' - 185' Leucocratic microdiorite.
Colour buff to tan, light green anhedral to subhedral feldspars; less than or equal to 1/10" at 26' to 32', brecciated at 15° to core axis.
- 185' - 270' Dark microdiorite.
Blue black colour, texture similar to leuco microdiorite; 248' - 254' bleached ground moss, brownish grey, feldspar kaolinized.
- 270' - 308' Leucocratic microdiorite.
At 274' siliceous, pyritic traces Pb Zn.
At 276' - 280' crushed fault gouge at 45° to core axis.
- 308' - 310.5' Trachyte Dyke.
Upper contact 70° to core axis.
- 310.5'-387.6' Leucocratic pyritic microdiorite.
Rock is fractured.
- 387.6'-440' Leucocratic microdiorite.
Dark phase 396 - 390'.
- 440' - 464' Dark Microdiorite.
- 464' - 470' Altered leucocratic microdiorite.
Buff reddish colour.
- 470' - 583' Leucocratic microdiorite phasing to dacite porphyry breccia.
At 562' apparent bedding at 75° to core axis, appears to be pyroclastic welded tuff.
- 583' - 692' Dacite tuff breccia.
Similar to above, colour grey, feldspars white kaolinized. At 628' - 688' gypsum filling, crackled veinlets 1/16" wide, one veinlet per 3". Rock coloured grey, approximately 10% pyrite disseminated and on fractures. Good hypidiomorphic granular texture. At 683' bedding and 80° to core axis, locally mottled. At 691' several angular fragments.
- 692' - 705' Dark microdiorite.
Good sharp contact.
- 705' - 714.5' Leucocratic microdiorite.
Mottled breccia texture. Traces tourmaline at 706'. Angular fragments of indistinct leucocratic porphyry.
- 714.5'-753.5' Pulaskite dyke.

- 753.5' - 878' Rhyolitic Dacite mottled breccia.
 Fine grained moderately siliceous swirled texture - locally fine grained rhyolitic 5-10% disseminated pyrite.
 At 858' purple cast to rock (fluorite).
 At 870-872' siliceous, minor sphalerite.
- 878' - 1136' Dacite feldspar porphyry.
 Occasional breccia phase phenocrysts of feldspar greater than or equal to 1/10".
 At 973'-978' dark porous altered zone - corroded appearing, 10-15% disseminated black acicular, hard mineral (tourmaline?).
 Traces of rosin coloured sphalerite.
 20-30% an to subhedral 1/10" feldspars.
- 1136' - 1316' Multi-coloured fragment breccia.
 Fragments pink, grey, white, buff subrounded to angular explosion or vent breccia. Vaguely lithified 90° to core axis.
- 1316' - 1722.5' Rhyolite Breccia.
 Similar to above but ground mass is finer grained, more siliceous.
- Note: 1353' - 1358' dark grey pyritic phase of breccia.
 At 1385.5', 1-3/4' of gouge. Pyritic zinc rich vein material in gouge (drag ore).
 Specularite disseminated locally.
 1599' - 1607.5' leuco microdiorite.
 1638' micro breccias - diatremes?
 dark reaction rims on most leucocratic fragments.
 1708 - 1722.5' matrix altered with tourmaline.
- 1722.5' - 1923' Rhyo-dacite feldspar porphyry.
 (welded crystal tuff)
 At 1858' 1" gab of chalcopyrite.
- 1923 - 1942' Pulaskite dyke.
- 1942' - 1988' Altered Rhyolite dacite porphyry.
 Becoming hard siliceous at 1980'.
 Traces of rosin and blond zinc.
 At 1908'-1988' porphyritic texture obscured by pervasive silicification.

Location of core storage is at Silver Queen Property, Houston, B.C.



Logged by George O.M. Stewart
 August 3, 1977

STATEMENT OF QUALIFICATIONS

1958 - 1962	Attended St. Mary's and Dalhousie University, Halifax, Nova Scotia.
1959 - 1962	Summers with Kennco Explorations Ltd., Vancouver.
1962 - 1967	Project Manager with Kennco Western Ltd.
1967 - 1970	Exploration Manager, Nadina Explorations Ltd.
1970 - 1973	Consulting and Project Manager for Frontier Exploration Ltd., Maverick Mountain, Northgate Explorations.
1973 - 1976	Exploration Manager, Colt Resources Ltd.
1976 - present	Exploration Manager, New Frontier Exploration Inc.

COLLAR LOCATION
S-74-3

COLLAR LOCATION
S-74-1, S-74-2

Collar location
NFX 1-77
-75°

R.P.

S-74-1
1452'

NFX-77
1988'

S-74-2
1267'

NGV-10

S-74-3
1148' @ 49 3/4°

-100

-50

2600' LEV

325'

(34)

(35)

(36)

760'

MINERA. RESOURCES BRANCH

ASSESSMENT REPORT

NO. 6456

PLAN VIEW -

DRAWN: P. D.	SCALE: 1" = 100'
TRACED: R. L.	DATE: JUNE 6, 74
APPROVED:	REVISED: JUNE 10, 1974

NEW FRONTIER RESOURCES LTD.
OWEN LAKE MINE
HOUSTON, B.C.

CROSSCUT + LAYOUT PLAN

FILE NUMBER: - SHEET 2/2

22,500 N
20,000 E

20,500 E

22,000 N

21,000 E