



FIELD REPORT

TYP 204110223

Started. July 10... 1978
 Completed. July 13... 1978

NAME AND ADDRESS OF CLIENT	DESCRIPTION OF WORK	LOCATION OF WORK
FULLER AND KNOWLES Co. Ltd	Water well P.O. Box 5680 - STATION 2	MARSHALL Sewage LIFT STATION
5830 - 87 th ST. EDMONTON ALBERTA		

FORMATION LOG			DESCRIPTION OF WORK	TIME			
FROM	TO	FORMATION		DATE	FROM	TO	HOURS
			MOVE				
			moving on setting up.	July 10	7:00	1:00	6
0'	3'	sand.		"	2:00	5:00	3
3'	6'	Gravel	sand				
6'	10'	Gravel	sand with ice				
10'	16'	Gravel	sand.				
16'	40'	sand.					
40'	87'	sand.	hole caved around casing, filled with Gravel	July 11	7:00	5:00	9
			setting screen filled casing with mud.	July 12	7:00	5:00	9
			pulling Casing back	July 13	7:00	8:00	1
			Developing	"	8:00	9:00	1
			swedgy packer.	"	9:00	10:00	1
			Developing	"	10:00	11:00	1
			Trip out moving off.	"	11:00	12:00	1

Rcd. of Casing & Pipe				Remarks:
Size	Type	Size	Type	
Feet	Inch	Feet	Inch	Casing set 79'
				bottom of screen 87'
20	1 1/4			10' of 10 slot 5" ^{1/2} riser pipe lead packer
20	7 1/2			3 3/8 bit pin
20	7 3/4			Flow @ 60 GPM.
17	7 1/2			

STATIC LEVEL	Total Rig Time	32	hrs.
Ground level	Total Standby		hrs.
Top of casing	Drilling Mud	2	sacks

SIGNATURES

MIDNIGHT SUN.....
 TITLE.....

CLIENT.....
 TITLE.....



PH: 667-6141

P.O. BOX 4391
WHITEHORSE, YUKON
Y1A 3T5

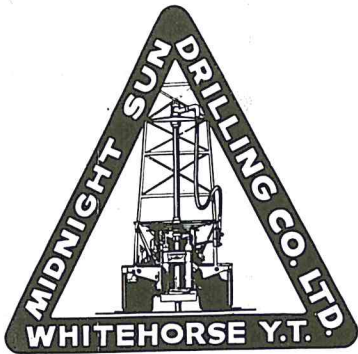
July 18/78

Fuller and Knowles Co. Ltd.
Box 5680 Station "1"
Edmonton, Alberta

Marwell lift station (water well)
12 hr. pump test

<u>Min.</u>	<u>Level</u>	<u>Flow rate min.</u>
1	23' 6 1/2"	50 gal. min.
2	24' 1"	50 gal. min.
3	24' 6 3/4"	50 gal. min.
4	24' 8 3/4"	50 gal. min.
6	24' 8 3/4"	50 gal. min.
8	24' 8 3/4"	adjt. flow to 55gpm
10	29' 2"	55 gpm
13	30' 8"	55 gpm
16	34' 7 1/2"	adjt. flow to 58 gpm
20	35' 2 3/4"	58 gpm
25	35' 6 3/4"	58 gpm
32	36' 10 3/4"	58 gpm
40	37' 7 1/2"	58 gpm
50	38' 8"	adjt. flow to 59 gpm
60	38' 9 1/2"	59 gpm
80	38' 10 1/2"	59 gpm
100	39' 1"	59 gpm
120	39' 2"	59 gpm
150	39' 2 1/2"	59 gpm
180	39' 2 1/2"	59 gpm
248	39' 2 3/4"	59 gpm
300	39' 2 7/8"	59 gpm
380	39' 3 1/8"	59 gpm
480	39' 3 1/4"	59 gpm
600	39' 3 1/2"	59 gpm
720	39' 3 3/4"	59 gpm

SOIL TESTING, FOUNDATION DRILLING, WATER WELLS



PH: 667-6141

P.O. BOX 4391
 WHITEHORSE, YUKON
 Y1A 3T5

July 18/78

Marwell lift station (water well)
12 hr. recovery test

<u>Min.</u>	<u>level</u>
1	0"
2	6"
3	1' 3"
4	2' 7"
6	5' 5 1/2"
8	5' 9 3/4"
10	5' 10 3/4"
13	5' 11"
16	5' 10 1/2"
20	5' 10 1/2"
25	5' 10 1/2"
32	5' 10 1/2"
40	5' 10 1/2"
50	5' 10 1/2"
60	5' 10 1/2"
80	5' 10 1/2"
100	5' 10 1/2"
120	5' 10 1/2"
150	5' 10 1/2"
180	5' 10 1/2"
240	5' 10 1/2"
300	5' 10 1/8"
380	5' 10 1/8"
480	5' 10"
600	5' 10"
720	5' 10"

SOIL TESTING, FOUNDATION DRILLING, WATER WELLS



J. R. Paine & Associates

MARWELL LIFT STATION

SCREEN ANALYSIS

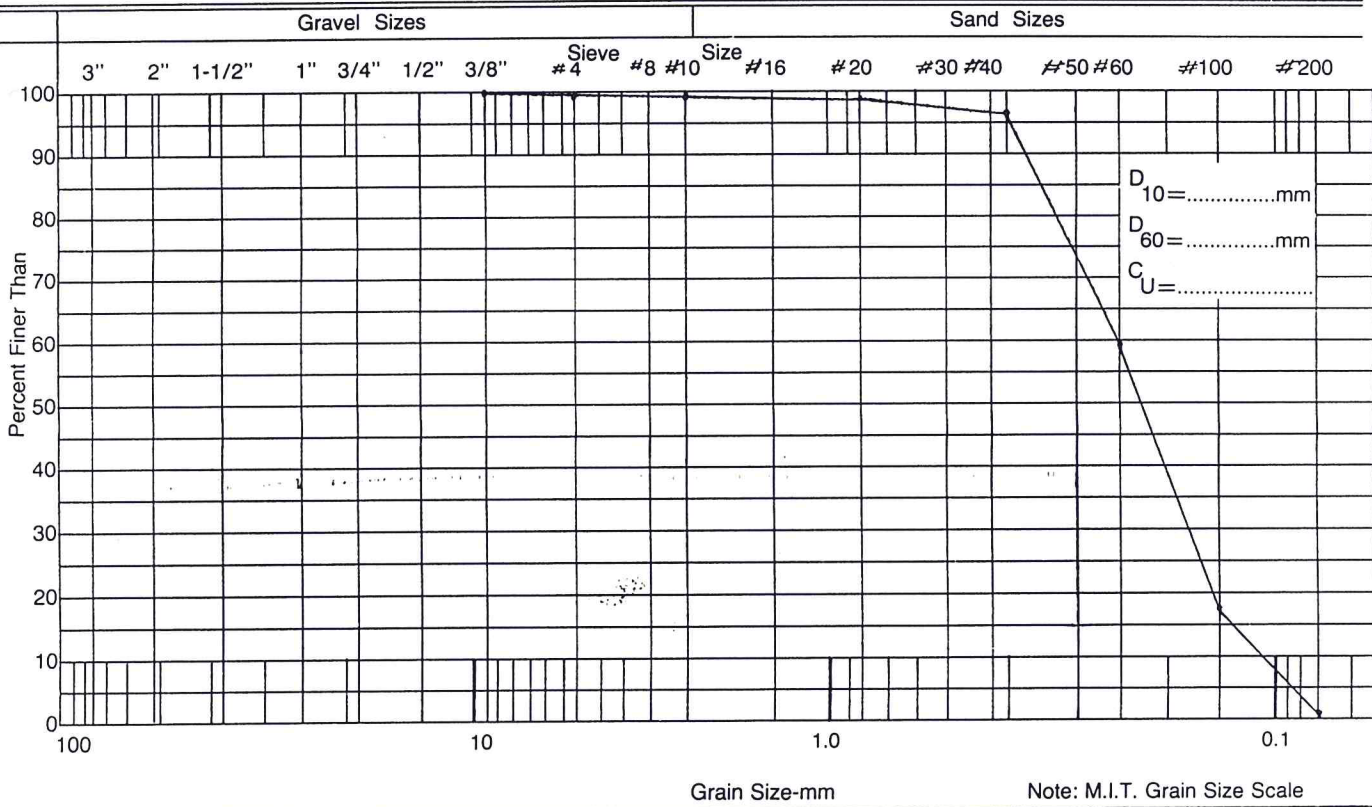
Client: Midnight Sun Drilling

Sample: Depth: 80' Project:
 Location: Well (86) Made by: Job. No. General
 Ck'd by: Date: 78/7/11

	Sieve No.	Size of Opening		Weight Retained GMS	Total Wt. Finer Than GMS	Percent Finer Than	% Finer Than Basis Orig. Sample
		Inches	MM				
Initial Dry Weight							
Total Sample							
Tare No.							
Wt. Dry + Tare		3/4	19.10				
Tare		1/2	12.70				
Wt. Dry		3/8	9.52			100.0	
	4	.185	4.76	0.6	.2%	99.8	
Passing	4						
Initial Dry Weight	202.0						
Tare No.	10	.079	2.000	1.5	.7%	99.3	
Wt. Dry + Tare	20	.0331	.840	2.2	1.1	98.9	
Tare	40	.0165	.420	6.6	3.3	96.7	
Wt. Dry Material	60	.0097	.250	82.7	40.1	59.9	
Retained on	100	.0059	.149	167.5	82.9	17.1	
200	200	.0029	.074	200.1	99.0	1.0	
Passing	200						

Description of Sample Method of Preparation Washed Sieve.
Sand. Remarks

 Time of Sieving 10 Mins.





J. R. Paine & Associates

MARUSHI LIFT STATION

SCREEN ANALYSIS

Client: Midnight Sun Drilling

Sample: Depth: 84' Project:
 Location: Well (82) Made by: Job No. General
 CK'd by: Date: 78/7/11

	Sieve No.	Size of Opening		Weight Retained GMS	Total Weight Finer Than GMS	Percent Finer Than	% Finer Than Basis Orig. Sample
		Inches	MM				
Initial Dry Weight							
Total Sample							
Tare No.							
Wt. Dry + Tare		3/4	19.10				
Tare		1/2	12.70				
Wt. Dry		3/8	9.52			100.0	
Passing	4	.185	4.76	1.3	0.5	99.5	
Initial Dry Weight		270.6					
Tare No.	10	.079	2.000	2.0	0.7	99.3	
Wt. Dry + Tare	20	.0331	.840	8.0	3.0	97.0	
Tare	40	.0165	.420	45.9	17.0	83.0	
Wt. Dry Material	60	.0097	.250	146.0	54.0	46.0	
Retained on	100	.0059	.149	222.3	82.2	17.8	
200	200	.0029	.074	256.7	94.5	5.5	
Passing	200						

Description of Sample: Sand. Method of Preparation: Washed Sieve.
 Remarks:
 Time of Sieving: 10 Mins.

