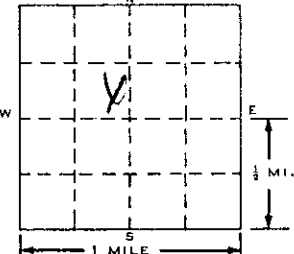


WATER WELL AND PUMP RECORD

PERMIT NUMBER

1 LOCATION OF WELL			3 OWNER OF WELL:		
County Ontonagon	Township Name Bergland	Fraction SW 1/4 SE 1/4 No 1/4	Section Number 4	Town Number 480 N/S	Range Number 42 E/W
Distance And Direction From Road Intersection 5.25 miles S. of the Int of M-64 + M-28			Address 102 North Shore Drive Bergland MI 49910		
Street Address & City of Well Location			Address Same As Well Location? ☐ Yes ☒ No		
Locate with "X" in Section Below			4 WELL DEPTH: 122 FT. Date Completed 8/17/92 ☒ New Well ☐ Replacement Well		
Sketch Map: 			5 ☐ Cable tool ☒ Rotary ☐ Driven ☐ Dug ☐ Hollow rod ☐ Auger ☐ Jetted		
2 FORMATION DESCRIPTION			6 USE: ☒ Domestic ☐ Type I Public ☐ Type III Public ☐ Irrigation ☐ Type IIa Public ☐ Heat pump ☐ Test Well ☐ Type IIb Public		
THICKNESS OF STRATUM			7 CASING: Diameter ☒ Steel ☐ Threaded ☐ Plastic ☒ Welded		
DEPTH TO BOTTOM OF STRATUM			Height: Above/Below Surface 18.97 ft. Weight 18.97 lbs./ft.		
CAVING Sand & Clay			6 in. to 96 ft. depth		
Red Clay & Gravel			Grouted Drill Hole Diameter		
Red Clay			Drive Shoe ☒ Yes ☐ No		
CAVING Sand Gravel			8 SCREEN: ☒ Not Installed		
Red Conglomerate Rock			Type _____ Diameter _____		
			Slot/Gauze _____ Length _____		
			Set between _____ ft. and _____ ft.		
			FITTINGS: ☐ K-Packer ☐ Lead Packer ☐ Bremer Check		
			☐ Blank above screen _____ ft. Other _____		
			9 STATIC WATER LEVEL: 5 ft. below land surface ☐ Flow		
			10 PUMPING LEVEL: below land surface		
			56 ft. after 10 hrs. pumping at 8 G.P.M.		
			_____ ft. after _____ hrs. pumping at _____ G.P.M.		
			11 WELL HEAD COMPLETION: ☐ Pitless adapter ☒ 12" above grade		
			☐ Basement offset ☐ Approved pit		
			12 WELL GROUTED? ☒ No ☐ Yes From _____ to _____ ft.		
			☐ Neat cement ☐ Bentonite ☐ Other _____		
			No. of bags of cement _____ Additives _____		
			13 Nearest source of possible contamination		
			Type 1st Const Distance _____ ft. Direction _____		
			Well disinfected upon completion? ☐ Yes ☐ No		
			Was old well plugged? ☐ Yes ☐ No		
			14 PUMP: ☒ Not Installed ☐ Pump Installation Only		
			Manufacturer's name _____		
			Model number _____ HP _____ Volts _____		
			Length of Drop Pipe _____ ft. capacity _____ G.P.M.		
			TYPE: ☐ Submersible ☐ Jet		
			PRESSURE TANK: Manufacturer's name _____		
			Model number _____ Capacity _____ Gallons		
15. Remarks, elevation, source of data, etc.			16. WATER WELL CONTRACTOR'S CERTIFICATION:		
			This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.		
17. Rig Operator's Name Patrick Hagen			RHINELANDER WELL DRILLING, INC. 2114		
			REGISTERED BUSINESS NAME		
			Address 3750 COUNTRY DRIVE		
			RHINELANDER, WISCONSIN 54501		
			Signed [Signature] Date 8/20/92		

D67d 2/89

GEOLOGICAL SURVEY COPY

Authority:
Completion:
Penalty:

Act 368 PA 1978
Required
Conviction of a violation
of any provision is a
misdemeanor.

WATER WELL RECORD

ACT 294 PA 1965

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL

County

Township Name

Fraction

Section Number

Town Number

Range Number

ONTONAGON

BERGLAND

10¹/₄ #2

4

48 N.S.

42 E.W.

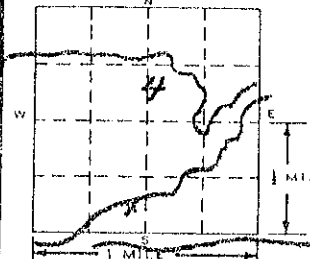
Distance And Direction from Road Intersections

APP 3 MI. S.W. OF M28 ON
EAST SHORE RD. LAKE GOGEBIC

Street address & City of Well Location

Locate with "X" in section below

Sketch Map:

EAST SHORE
RD.

3 OWNER OF WELL:

OTTO PAVEK

Address STAR. RTE.

POHAR, WIS. 54468

4 WELL DEPTH: (completed) Date of Completion

166 ft. 11-11-81

5 ☒ Cable tool ☐ Rotary ☐ Driven ☐ Dug☐ Hollow rod ☐ Jetted ☐ Bored ☐6 USE: ☒ Domestic ☐ Public Supply ☐ Industry☐ Irrigation ☐ Air Conditioning ☐ Commercial☐ Test Well ☐7 CASING: Threaded ☒ Welded ☐ Height: Above/Below

Diam. 6 in. to 21 ft. Depth Surface 1 ft.

4 in. to 71 ft. Depth Weight lbs./ft.

Drive Shoe? Yes ☒ No ☐

8 SCREEN:

Type: Dia.:

Slot/Gauze Length

Set between ft. and ft.

Fittings:

9 STATIC WATER LEVEL

8 ft. below land surface

10 PUMPING LEVEL below land surface

120 ft. after hrs. pumping 75 g.p.m.

11 WATER QUALITY in Parts Per Million:

Iron (Fe) Chlorides (Cl)

Hardness Other

12 WELL HEAD COMPLETION: ☐ In Approved Pit☐ Pitless Adaptor ☒ 12" Above Grade13 Well Grouted? ☐ Yes ☒ No☐ Neat Cement ☐ Bentonite ☐

Depth: From ft. to ft.

14 Nearest Source of possible contamination

60 feet N Direction S. TANK Type

Well disinfected upon completion ☒ Yes ☐ No15 PUMP: ☒ Not installed

Manufacturer's Name

Model Number HP Volts

Length of Drop Pipe ft. capacity G.P.M.

Type: ☐ Submersible☐ Jet ☐ Reciprocating

2 FORMATION

THICKNESS
OF
STRATUMDEPTH TO
BOTTOM OF
STRATUM

CLAY PEBBLES-

4'

4'

CLAY-ROCKS-

3'

7'

CLAY-

10'

17'

SHELLSTONE-

3'

20'

STONE-

51'

71'

4" PIPE RUN-

HOLE CAVES-

95'

166'

USE A 2ND SHEET IF NEEDED

16 Remarks, elevation, source of data, etc.

17 WATER WELL CONTRACTOR'S CERTIFICATION:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

DON JOHNSON

REGISTERED BUSINESS NAME

REGISTRATION NO. 126

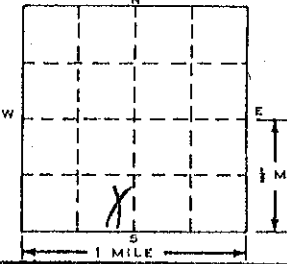
Address BRUCE CROSSING, MICH. 49912

Signed Don Johnson Date 11-11-81

AUTHORIZED REPRESENTATIVE

JAN 27 1982

WATER WELL RECORD
ACT 294 PA 1965MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL		
County	Township Name	Fraction
OUTONAGON	BERGLAND	SE 1/4 SW 1/4 1/4
Distance And Direction from Road Intersections BERGLAND BAY, LAKE GOGEBIC EAST SHORE RD., BERGLAND, MI.		
Street address & City of Well Location Locate with "X" in section below		
 Sketch Map:		
3 OWNER OF WELL: Address MR. LEONARD KORPI 701 MEDIN AVE, IRONWOOD, MI. 49938		
4 WELL DEPTH: (completed) Date of Completion 147 ft. 10-4-80		
5 ☐ Cable tool ☒ Rotary ☐ Driven ☐ Dug ☐ Hollow rod ☐ Jetted ☐ Bored ☐		
6 USE: ☒ Domestic ☐ Public Supply ☐ Industry ☐ Irrigation ☐ Air Conditioning ☐ Commercial ☐ Test Well ☐		
7 CASING: Threaded ☒ Welded ☐ Height Above/Below Surface <u>ONE</u> ft. Diam. <u>6</u> in. to <u>32</u> ft. Depth <u>20</u> lbs./ft. Drive Shoe? Yes ☒ No ☐		
8 SCREEN: Type: <u>NONE</u> Dia.: _____ Slot/Gauze _____ Length _____ Set between _____ ft. and _____ ft. Fittings: _____		
9 STATIC WATER LEVEL <u>12</u> ft. below land surface		
10 PUMPING LEVEL below land surface <u>130</u> ft. after <u>1</u> hrs. pumping <u>2</u> g.p.m. _____ ft. after _____ hrs. pumping _____ g.p.m.		
11 WATER QUALITY in Parts Per Million: Iron (Fe) <u>N/A</u> Chlorides (Cl) _____ Hardness _____ Other _____		
12 WELL HEAD COMPLETION: ☐ In Approved Pit ☐ Pitless Adapter ☒ 12" Above Grade		
13 Well Grouted? ☐ Yes ☒ No ☐ Neat Cement ☐ Bentonite ☐ _____ Depth: From _____ ft. to _____ ft.		
14 Nearest Source of possible contamination <u>72</u> feet <u>S</u> Direction <u>SEPTIC</u> Type Well disinfected upon completion ☐ Yes ☐ No		
15 PUMP: ☒ Not installed Manufacturer's Name _____ Model Number _____ HP _____ Volts _____ Length of Drop Pipe _____ ft. capacity _____ G.P.M. Type: ☐ Submersible ☐ Jet ☐ Reciprocating		
16 Remarks, elevation, source of data, etc.		
17 WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. <u>PIRESCUE ISLE WELL DRILLERS 1558</u> REGISTERED BUSINESS NAME REGISTRATION NO. Address <u>Box 163, PIRESCUE ISLE, MI.</u> Signed <u>Eric M. Bach</u> Date <u>11-24-80</u> AUTHORIZED REPRESENTATIVE		

WATER WELL RECORD

ACT 294 PA 1965 SE SW

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL

County ONTONAGON Township BERRIAND Fraction SE 1/4 Section No. 4 Town 480 Range 42 (W)

Distance And Direction from Road Intersections

LAKE GOBEBIC
200' FROM LAKE SHORE
Street address & City of Well Location

OWNER No. 76

3 OWNER OF WELL:

EMIL COOK
Address BRUCE CROSSING, Mich

4 WELL DEPTH: (completed) 39 ft. Date of Completion 7/18/70

5 ☒ Cable tool ☐ Rotary ☐ Driven ☐ Dug
☐ Hollow rod ☐ Jetted ☐ Bored

6 USE: ☒ Domestic ☐ Public Supply ☐ Industry
☐ Irrigation ☐ Air Conditioning ☐ Commercial
☐ Test Well

7 CASING: Threaded ☒ Welded ☐
Diam. 3 in. to 26 ft. Depth Height: Above/Below surface 3 ft.
Weight 15 lbs/ft. Drive Shoe? Yes ☒ No ☐

8 SCREEN:

Type: _____ Dia.: _____
Slot/Gauze _____ Length _____
Set between _____ ft. and _____ ft.
Fittings: _____

9 STATIC WATER LEVEL
_____ ft. below land surface

10 PUMPING LEVEL below land surface
33 ft. after 1 hrs. pumping 30 g.p.m.
_____ ft. after _____ hrs. pumping _____ g.p.m.

11 WATER QUALITY in Parts Per Million:
Iron (Fe) _____ Chlorides (Cl) _____
Hardness _____

12 WELL HEAD COMPLETION: ☐ In Approved Pit
☐ Pitless Adapter ☒ 12" Above Grade

13 GROUTING:
Well Grouted? ☐ Yes ☒ No
Material: ☐ Neat Cement ☐ _____
Depth: From _____ ft. to _____ ft.

14 SANITARY:
Nearest Source of possible contamination 25 feet W Direction Out House Type _____
Well disinfected upon completion ☒ Yes ☐ No

15 PUMP:
Manufacturer's Name NONE Installed
Model Number _____ HP _____
Length of Drop Pipe _____ ft. capacity _____ G.P.M.
Type: ☐ Submersible ☐ _____
☐ Jet ☐ Reciprocating

16 Remarks, elevation, source of data, etc.

17 WATER WELL CONTRACTOR'S CERTIFICATION

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief

Don Johnson Jr. 126
REGISTERED BUSINESS NAME
Address BRUCE CROSSING, Mich
Signed Don Johnson Jr. Date 7/20/70
AUTHORIZED REPRESENTATIVE

WATER WELL RECORD

APR 11 1968

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

Name of Owner <i>EDWARD HOOKS</i>		Section No. <i>7</i>	Town <i>48 (N)</i>	Range <i>42 (W)</i>
Address <i>47 N. TASMANIA ST. PORTLAND, MICH.</i>				
Street address of well location <i>BRUGLAND</i>		Date of Completion <i>45 ft. 5/24/68</i>		
Depth to bottom of stratum <i>32' 35'</i>		5 ☒ Cable tool ☐ Rotary ☐ Driven ☐ Dug ☐ Hollow rod ☐ Jetted ☐ Bored ☐		
6 USE ☒ Domestic ☐ Public Supply ☐ Industry ☐ Irrigation ☐ Air Conditioning ☐ Commercial ☐ Test Well ☐				
7 CASING: Threaded ☒ Welded ☐ Diam. <i>3</i> in. to <i>45</i> ft. Depth Height: Above/Below surface <i>15</i> ft. Weight <i>15</i> lbs./ft. Drive Shoe? Yes ☐ No ☒				
8 SCREEN:				
Type: _____ Dia: _____				
Slot/Gauze _____ Length _____				
Set between _____ ft. and _____ ft.				
Fittings: _____				
9 STATIC WATER LEVEL _____ ft. below land surface <i>FLOWS</i>				
10 PUMPING LEVEL below land surface _____ ft. after _____ hrs. pumping <i>1</i> g.p.m.				
_____ ft. after _____ hrs. pumping _____ g.p.m.				
11 WATER QUALITY in Parts Per Million:				
Iron (Fe) _____ Chlorides (Cl) _____				
Hardness _____				
12 WELL HEAD COMPLETION: ☐ In Approved Pit ☒ Pitless Adapter ☒ 12" Above Grade				
13 GROUTING:				
Well Grouted? ☐ Yes ☒ No				
Material: ☐ Neat Cement ☐ _____				
Depth: From _____ ft. to _____ ft.				
14 SANITARY:				
Nearest Source of possible contamination <i>20</i> feet <i>3</i> Direction <i>OUT HOUSE</i> type				
Well disinfected upon completion ☒ Yes ☐ No				
15 PUMP:				
Manufacturer's Name <i>NONE INSTALLED</i>				
Model Number _____ HP _____				
Length of Drop Pipe _____ ft. capacity _____ G.P.M.				
Type: ☐ Submersible ☐ _____				
☐ Jet ☐ Reciprocating				

WATER WELL CONSTRUCTION AND RECORDING

This well was constructed in accordance with the rules and regulations of the Michigan Department of Public Health.

EDWARD HOOKS
REGISTRATION NO. *10-68*
PORTLAND, MICH.