

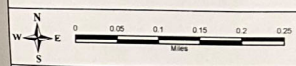


SOUTH WESTHOPE-II-2022-2D

Equipment:	Wheeled	Receiver Interval:	N/A
Source:	Vibe	Source Interval:	N/A
Depth:	N/A	Receiver Spacing:	10m
Size:	N/A	Source Spacing:	30m
Drill Points:	198	Receiver Points:	571
Vibe Points:	N/A	Project Area:	sq. Miles

Layout Map Date: 1/24/2022

NE



Projection: UTM Zone 14 Datum: NAD83 Scale: 1:4,500

Legend

• Postplot_Source	■ Buildings
• Postplot_Receiver	■ Buffers_300'
• WELLHEAD	■ Sections
--- ViewRoute	■ Township_PLSS
■ Gate	■ Townships
■ Access	■ Counties
• Critical_Tie_Well	Permit Status
• CHPL_Digitized	■ GOOD
--- Fence	■ VERBAL
--- Roads_State	■ <all other values>
--- Roads_County	• Postplot_Receiver_Sb





GEOPHYSICAL EXPLORATION COMPLETION REPORT - FORM GE 6A

INDUSTRIAL COMMISSION OF NORTH DAKOTA
 OIL AND GAS DIVISION
 600 EAST BOULEVARD DEPT 405
 BISMARCK, ND 58505-0840
 SFN 51456 (03-2011)

Permit No. #97-0306	
Shot Hole Operations n/a	*Non-Explosive Operations Vibroseis

SECTION 1

Geophysical Contractor BayGeo, Inc.	
Project Name and Number South Westhope II 2022 2-D	County(s) Bottineau
Township(s) 162N	Range(s) 80W
Drilling and Plugging Contractors N/A	
Date Commenced February 15, 2022	Date Completed February 19, 2022

SECTION 2

First S.P. #	Last S.P. #										
Loaded Holes (Undetonated Shot Points)											
S.P.#s											
Charge Size											
Depth											
Reasons Holes Were Not Shot											

SECTION 3

Flowing Holes and/or Blowouts S.P.#s
Procedure for Plugging Flowing Holes and/or Blowouts
Include a 7.5 minute USGS topographic quadrangle map or a computer generated post-plot facsimile of the approximate scale displaying each individual shot hole, SP #, line #, and legal location.

*Non-Explosive Operations - Complete Section 1 and Affidavit (Form GE 6B).



GEOPHYSICAL EXPLORATION AFFIDAVIT OF COMPLETION REPORT - FORM GE 655

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 51456 (03-2011)



PERMIT NAME (Required): South Westhope II 2022 2-D

PERMIT NUMBER: 97-0308

AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)

STATE OF Michigan)

COUNTY OF Grand Traverse)

Before me, Pamela Sue Hornak, a Notary Public in and for the said
County and State, this day personally appeared Philip VanHollebecke

who being first duly sworn, deposes and says that (s)he is employed by BayGeo, Inc.
BayGeo, Inc., that (s)he has read North Dakota

Century Code Section 38-08.1, that the foregoing seismic project has been completed in
accordance with North Dakota Administrative Code Rule 43-02-12 and that the statements on
the reverse side of this document are true.

Philip VanHollebecke
Geophysical Contractor Representative

Subscribed in my presence and sworn before me this 14 day of March, 2022.

Notary Public *Pamela Sue Hornak*

My Commission Expires August 26, 2025

PAMELA SUE HORNAK
NOTARY PUBLIC, STATE OF MI
COUNTY OF LEELANAU
MY COMMISSION EXPIRES Aug 26, 2025
ACTING IN COUNTY OF Grand Traverse



January 24, 2022

Philip VanHollebeke
President
BayGeo, Inc.
528 Hughes Drive,
Traverse City, MI 49696

RE: SOUTH WESTHOPE II 2022 2-D
GEOPHYSICAL EXPLORATION PERMIT #97-0308
BOTTINEAU COUNTY
NON-EXPLOSIVE METHOD

Dear Mr. VanHollebeke:

Be advised that your Geophysical Exploration permit is conditionally approved; effective for one year from January 24, 2022.

PERMIT STIPULATIONS:

- **PURSUANT TO NDAC 43-02-12-05 (DISTANCE RESTRICTION)**
 - **Non-explosive exploration methods may not be conducted less than 300 feet from water wells, buildings, underground cisterns, pipelines, and flowing springs.**
- **In addition, pursuant to NDAC 43-02-12-06 (NOTIFICATION OF WORK PERFORMED), "The director is authorized to suspend operations of the entire geophysical project, or any portion thereof, if further activity will cause excessive damage to the surface of the land".**

Review the following conditions for your permit:

1. A pre-program meeting with state seismic inspector Tom Torstenson is required. You must contact him at 701-290-1546 (cell) or 701-227-7436 at least 24 hours prior to any exploration operations. Also, a copy of the entire permit is required for all contractors at the pre-program meeting.
2. All variances for distance restrictions are to be furnished, and a pre-plot map displaying any source points that do not comply with the distance restriction rule must be supplied to the inspector.
3. The following information must be submitted within 30 days of the completion of the project by the Geophysical Company:
 - a. Completion Report,

- b. Completion Affidavit,
 - c. Post Plot Map. It must show all water wells, buildings, underground cisterns, pipelines, and flowing springs that fall within the program area and within one half mile of the perimeter of the program.
 - d. Must provide a GIS layer using NAD83 in an Esri shape file format and an Image file (.img) on a Flash Drive or email: tstenson@nd.gov with all source and receiver points,
4. The permit agent shall notify the operator of the land at least seven days before commencement of any geophysical exploration activity, unless waived by mutual agreement of both parties. The notice must include the approximate time schedule and the location of the planned activity.
 5. Information regarding the location of water wells, springs, etc.; refer to the following ND State Water Commission Mapservice website, at: <http://mapservice.swc.state.nd.us/>
 6. The entire permit can be viewed, as well as the status of various seismic projects in the state, at: <https://www.dmr.nd.gov/oilgas/seismic/seismicstats.asp>

Should you have any questions regarding this matter, feel free to contact me at 701-328-8020, or Tom Torstenson at the number listed in paragraph 1.

Sincerely,



Todd L. Holweger
Permit Manager



GEOPHYSICAL EXPLORATION PERMIT - FORM GE 1

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 51459 (03-2011)

Received

JAN 24 2022

1) a. Company BayGeo, Inc.		Address 528 Hughs Drive, Traverse City, MI. 49696		ND Oil & Gas Division	
Contact Philip VanHollebeke		Telephone (231) 941-7660	Fax		
Surety Company Philadelphia Indemnity Ins. Co.		Bond Amount \$25,000.00	Bond Number PB11499807348		
2) a. Subcontractor(s)		Address	Telephone		
b. Subcontractor(s)		Address	Telephone		
3) Party Manager Greg Southworth		Address (local) Super 8 - 1007 11th St E, Bottineau	Telephone (local) 989-965-4131		
4) Project Name or Line Numbers South Westhope II 2022 2D - Line Nos. SWHII-22-01 & SWHII-22-02					
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) Non-Explosive (Vibroseis)					
6) Distance Restrictions (Must check all that apply)					
<input checked="" type="checkbox"/> 300 feet - NonExplosive - Distance setbacks apply to water wells, buildings, underground cisterns, pipelines, and flowing springs.					
<input type="checkbox"/> 660 feet - Shot Hole - Distance setbacks apply to water wells, buildings, underground cisterns, pipelines, and flowing springs.					
7) Size of Hole 3-D n/a	Amt of Charge n/a	Depth n/a	Source points per sq. mi. n/a	No. of sq. mi. n/a	
Size of Hole 2-D n/a	Amt of Charge n/a	Depth n/a	Source points per ln. mi. 56	No. of ln. mi. 3.55	
8) Approximate Start Date January 29, 2022			Approximate Completion Date February 15, 2022		

THE COMMISSION MUST BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF COMMENCEMENT OF GEOPHYSICAL OPERATIONS

9) Location of Proposed Project - County Bottineau						
Section(s), Township(s) & Range(s)	Section	1SW, 2SE, 11NE, 12NW, SE, SW	T.	162N	R.	80W
	Section		T.		R.	
	Section		T.		R.	
	Section		T.		R.	
	Section		T.		R.	
	Section		T.		R.	

I hereby swear or affirm that the information provided is true, complete and correct as determined from all available records.			Date January 23, 2022
Signature 	Printed Name James Switzer	Title Agent	
Email Address(es) James.Switzer@HarbingerX.com			

(This space for State office use)		Permit Conditions	
Permit No. 97-0308	Approval Date 1/24/22	* Permit in hand required at pre-program meeting with field inspector and be aware of all NDIC Rules and Regulations (i.e. distance restrictions). * See attached letter.	
Approved by 			
Title Mineral Resources Permit Manager			

SOUTH WESTHOPE II 2022 2D

Preliminary Plan

LICENSEE:	TBA	GEO NO.:	
LICENSE NO.:	TBA	NTS MAPSHEETS:	
PERMITEE:	TBA	EQUIPMENT:	
PERMIT NO.:	TBA	ENERGY SOURCE:	
		MAP DATE:	Sunday, January 23, 2022

PROGRAM SUMMARY

LINE TYPES	LINE TYPES SUBTOTAL
CROSS COUNTRY	5.68 kms
LANDS CLASSIFICATION SUBTOTAL	5.68 kms

PROGRAM TOTAL: 5.68 kms

1:15,000

UTM ZONE	14
DATUM	NAD 83



MAP VERSION

VERSION	DESCRIPTION	DATE
1	Preliminary Plan	1/23/2022

Parameters

Receiver:

Type	single/spike
Active Traces	320
Patch (3D)	n/a
Roll in/out	yes
Stn Interval	10.00 m
Line Interval (3D)	n/a
Array	none
Center	on stn
Point Count	570 pts
Kilometers	5.68 km
No. of Lines	2 lns

Source:

Type	Dual Vibrator
Effort	10 swps x 12 secs
Stn Interval	30.00 m
Line Interval (3D)	n/a
Array	2 over ?
Center	on stn
Point Count	198 pts
Kilometers	5.68 km
No. of Lines	2 lns
Extra Source	2@BOL&EOL

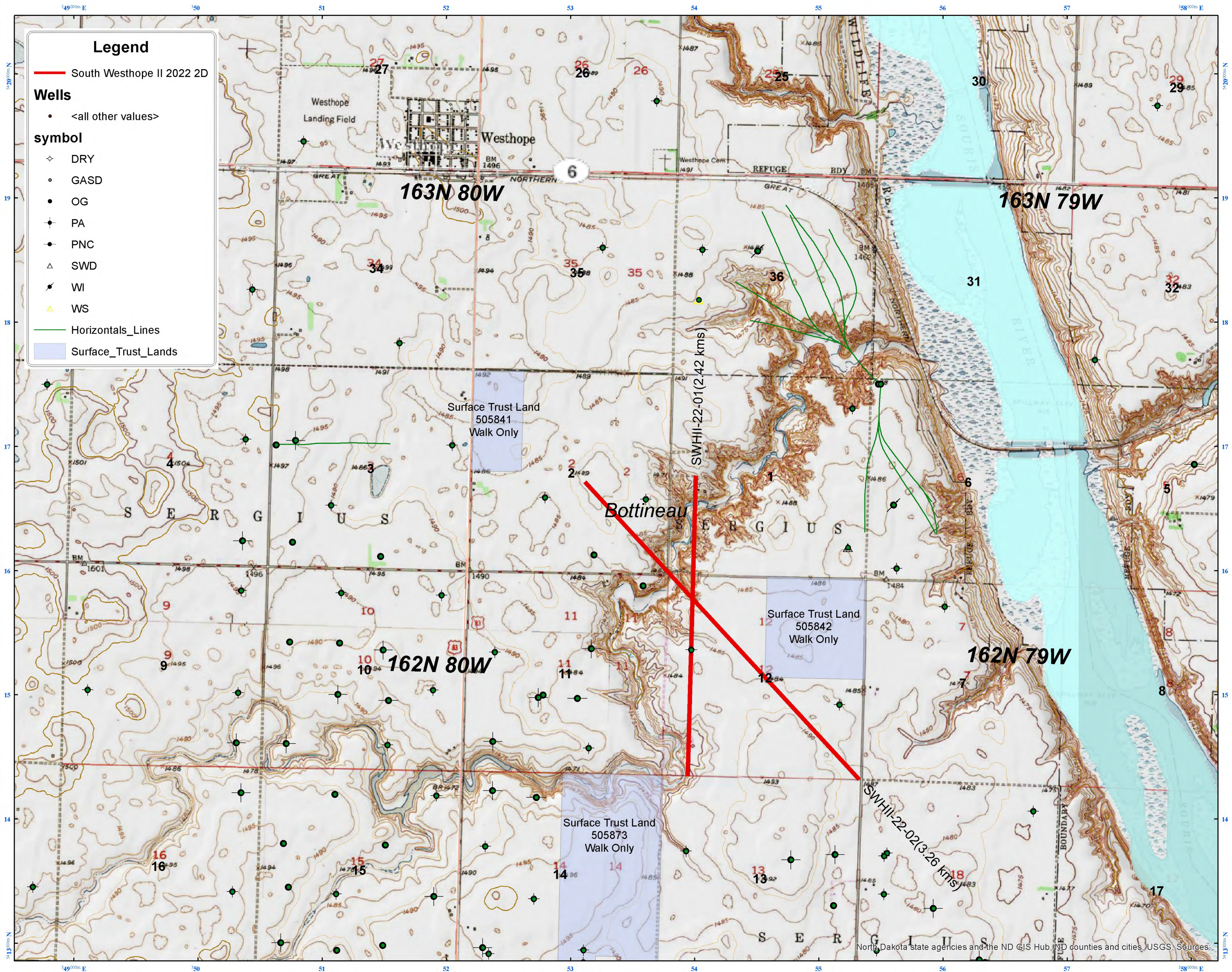
Recording:

Sample Rate	1 ms
Record Length	3 sec

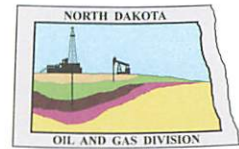
Commencement:

Jan/Feb 2022

Fold @	600 m	20.00
Fold @	800 m	26.67
Fold @	1000 m	33.33
Fold @	1200 m	40.00
Fold @	1400 m	46.67



North Dakota state agencies and the ND GIS Hub, ND counties and cities, USGS, Sources.



January 24, 2022

The Honorable Emily Deschamp
Bottineau County Auditor
314 W 5th St. Ste. 10
Bottineau, ND 58318-1268

RE: Geophysical Exploration
Permit #97-0308

Dear Ms. Deschamp:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that BayGeo, Inc. was issued the above captioned permit on January 24, 2022, and will remain in effect for a period of one year. The permit can be viewed on our website at: <https://www.dmr.nd.gov/oilgas/seismic/seismicstats.asp>

Should you have any questions, please contact our office.

Sincerely,

A handwritten signature in blue ink, appearing to read "Todd L. Holweger".

Todd L. Holweger
Permit Manager



HARBINGER EXPLORATION CORP.

71 Scenic Rise NW, Calgary, Alberta Canada T3L 1A7 Tel: 825-437-9689

January 14, 2022

Industrial Commission of North Dakota
Oil and Gas Division
600 East Boulevard Dept. 405
Bismarck, ND 58505-0840

Dear Mr. Todd Holweger:

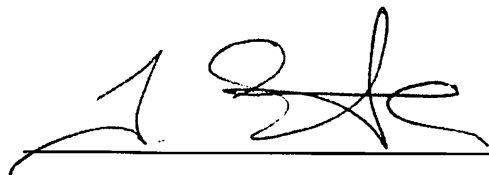
AFFIDAVIT

Canada)
Province of Alberta) S.S.
)

I, James Switzer, of Calgary, Alberta, Canada, MAKE OATH AND SAY THAT:

1. I, James Switzer, of Calgary, Alberta, Canada an approved agent of BayGeo, Inc., State that all operators of the land and each landowner within one-half mile of the land on which the geophysical exploration activities are to conducted on the South Westhope II 2022 2D Seismic exploration program have been provided with a copy of Section 38-08.1 (Exploration Permit) and NDCC Chapter 38.11.1 (Oil and Gas Production Damage Compensation) , per the requirement of Geophysical Exploration Permit TBA .

SWORN/AFFIRMED BEFORE ME,)
at Calgary)
Alberta, on)
this 14th day of January, 2022)



James Switzer

ANNA HARE
KITSON
A NOTARY PUBLIC IN AND FOR)
The Province of Alberta)
My Commission expires:)

My Commission expires: June 26/24



North Dakota Industrial Commission Department of Mineral Resources Oil & Gas Division

FORM GE 1 FILING AUTHORIZATION

COMPANY NAME: BayGeo, Inc.

ADDRESS: 528 Hughes Drive

CITY: Traverse City STATE: MI ZIP: 49696

This form authorizes the person(s) listed below to submit a NDIC Geophysical Exploration Permit – Form GE 1 for approval on behalf of the designated company as listed above.

A new authorization will be required if any changes are to be made to the authorized individuals on the form.

The data submitted from the authorized individuals listed below have been checked and conform to the standards and procedures set forth by the NDIC Department of Mineral Resources.

The authorized individual(s) will ensure that the company, as listed above, and party manager receive a copy of the approved Form GE 1

<u>Authorized Individuals</u>	<u>Phone Number</u>	<u>E-Mail Address</u>
James Switzer	403-542-6713	James.Switzer@HarbingerX.com
William Peterson	989-858-0455	peteronseismic@yahoo.com

Company Authorized Signature: *Philip VanHollebeke* Date: 01/07/2022

Printed Name: Philip VanHollebeke Title: President

Phone: 231-941-7660 Email Address: pvanh@baygeo.com

Witness Signature: *Pam Hornak* Date: 01/07/2022

Witness Printed Name: Pam Hornak



HARBINGER EXPLORATION CORP.

71 Scenic Rise NW, Calgary, Alberta Canada, T3L 1A7 Tel: 403-542-6713

SENT VIA EMAIL/COURIER

January 23, 2022

Industrial Commission of North Dakota
Oil and Gas Division
600 East Boulevard Dept 405
Bismarck, ND 58505-0840

Dear Mr. Todd Holweger:

Re: Request for Geophysical Exploration Permit
Geophysical Prospect: South Westhope II 2022 2D
Company: BayGeo, Inc.
Location: Bottineau County

Please find attached our request for a Geophysical Exploration Permit – Form GE 1 and required additional information. If you have any questions concerning this matter, please contact me at (825) 437-9689, or email James.Switzer@HarbingerX.com.

Yours truly,

James Switzer
James.Switzer@HarbingerX.com
encl.