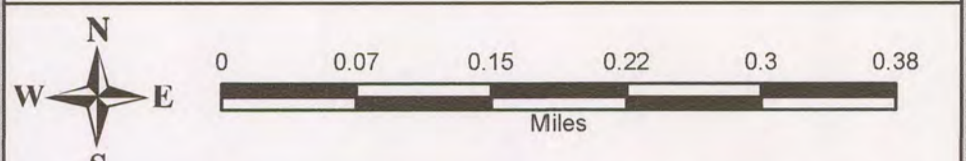


NORTH SERGIS 2020 3D

Equipment:	Wheeled	Receiver Interval:	250m
Source:	Vibe	Source Interval:	250m
Depth:	N/A	Receiver Spacing:	50m
Size:	N/A	Source Spacing:	50m
Drill Points:	N/A	Receiver Points:	480
Vibe Points:	464	Project Area:	sq. Miles

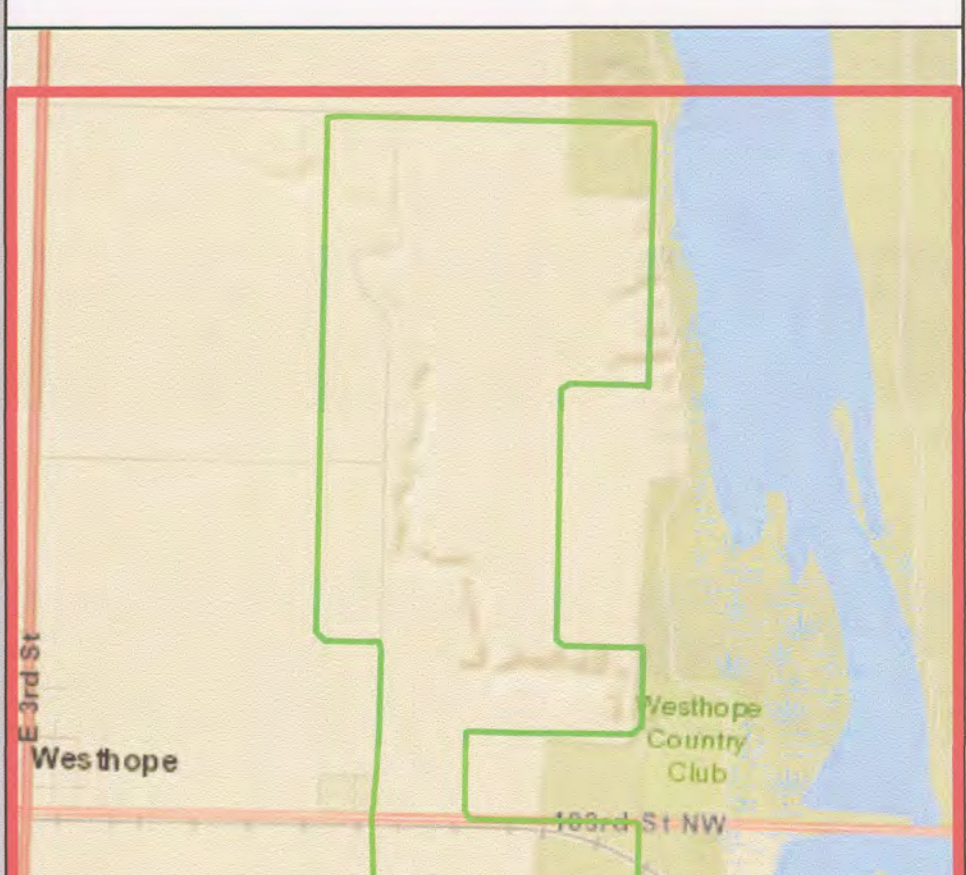
Survey Map Date: 2/4/2020



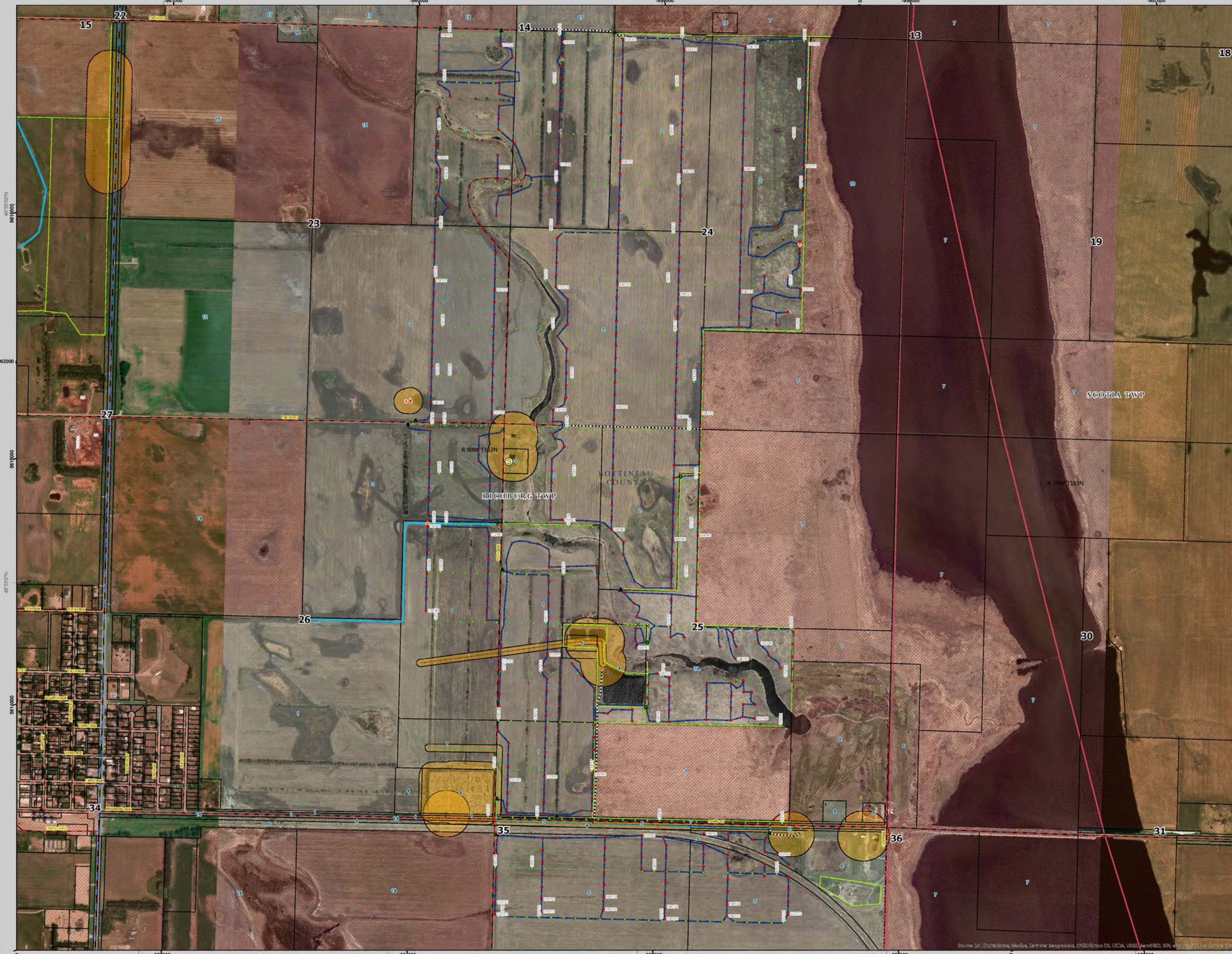
Projection: UTM Zone 14 Datum: NAD83 Scale: 1:6,750

Legend

● POSTPLOT_SOURCE	--- TRAIL
● POSTPLOT_RECEIVER	--- WATERLINE
● PREPLOT_SOURCE	--- SEWERLINE
● PREPLOT_RECEIVER	--- FENCE
--- ROADS_STATE	--- DITCH
--- ROADS_COUNTY	--- SOURCETRACK
⊙ STAGING	--- BUFFERS_300'
▲ ACCESS	--- CEMETERY
◆ CROSSING	--- BUILDINGS
◆ HAZ	--- SECTIONS
● TANK	--- COUNTIES
● WELLHEAD	--- TOWNSHIPS_PLSS
▲ ATV ACCESS	--- TOWNSHIPS
● DOWN FENCE	--- STATUS
● DROP FENCE	--- GOOD
× FENCE	--- VERBAL
● FIBER	--- <ALL OTHER VALUES>
● <ALL OTHER VALUES>	--- <ALL OTHER VALUES>



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community



NORTH SERGIS 2020 3D

Equipment:	Wheeled	Receiver Interval:	250m
Source:	Vibe	Source Interval:	250m
Depth:	N/A	Receiver Spacing:	50m
Size:	N/A	Source Spacing:	50m
Drill Points:	N/A	Receiver Points:	480
Vibe Points:	464	Project Area:	sq. Miles

Survey Map Date: 2/3/2020



Projection: UTM Zone 14 Datum: NAD83 Scale: 1:6,750

Legend

● POSTPLOT_SOURCE	--- TRAIL
● POSTPLOT_RECEIVER	--- WATERLINE
● PREPLOT_SOURCE	--- SEWERLINE
● PREPLOT_RECEIVER	--- FENCE
--- ROADS_STATE	--- DITCH
--- ROADS_COUNTY	--- SOURCETRACK
⊙ STAGING	--- BUFFERS_300'
▲ ACCESS	--- CEMETERY
◆ CROSSING	■ BUILDINGS
◆ HAZ	□ SECTIONS
◆ TANK	□ COUNTIES
◆ WELLHEAD	□ TOWNSHIPS_PLSS
▲ ATV ACCESS	□ TOWNSHIPS
◆ DOWN FENCE	□ STATUS
◆ DROP FENCE	□ GOOD
× FENCE	□ VERBAL
◆ FIBER	□ -ALL OTHER VALUES-
● <ALL OTHER VALUES>	□ -ALL OTHER VALUES-





SEISMIC COMPLETION REPORT
INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 51456 (03-2005)

RECEIVED
APR 16 2020
ND OIL & GAS DIVISION

Permit No. 97-0297	
Shot Hole Operations	*Non-Explosive Operations Vibroseis

SECTION 1

Geophysical Contractor BayGeo, Inc.	
Project Name and Number North Sergis 2020 3-D	County(s) Bottineau County
Township(s) 163N	Range(s) 80W
Drilling and Plugging Contractors NA	
Date Commenced February 17, 2020	Date Completed February 21, 2020

SECTION 2

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

SECTION 3

Flowing Holes and/or Blowouts S.P.#'s None
Procedure for Plugging Flowing Holes and/or Blowouts NA
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.

AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)

STATE OF Michigan)

COUNTY OF Grand Traverse)

Before me, Pam Hornak, a Notary Public in and for the said
County and State, this day personally appeared Philip VanHollebeke

who being first duly sworn, deposes and says that (s)he is employed by _____
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.



Geophysical Contractor Representative

Subscribed in my presence and sworn before me this 19 day of March, 2020

Notary Public



My Commission Expires

8/26/25

PAMELA SUE HORNAK
NOTARY PUBLIC, STATE OF MI
COUNTY OF LEECLANAU
MY COMMISSION EXPIRES Aug 28, 2025
ACTING IN COUNTY OF Grand Traverse



February 4, 2020

Mr. Ron Carr
Vice President
BayGeo, Inc.
528 Hughes Drive,
Traverse City, MI 49696

RE: NORTH SERGIS 2020 3-D
GEOPHYSICAL EXPLORATION PERMIT #97-0297
BOTTINEAU COUNTY
NON-EXPLOSIVE METHOD

Dear Mr. Carr:

Be advised that your Geophysical Exploration permit is conditionally approved; effective for one year from February 4, 2020.

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".

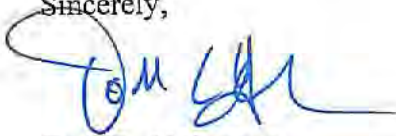
Review the following conditions for your permit:

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: ttorstenson@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 31 2020

1) a. Company BayGeo, Inc.		Address 528 Hughs Drive, Traverse City, MI. 49696		ND Oil & Gas Division	
Contact Ron Carr		Telephone (231) 941-7660	Fax		
Surety Company United States Fire Insurance Co.		Bond Amount \$25,000.00	Bond Number 6134997303		
2) a. Subcontractor(s)		Address		Telephone	
b. Subcontractor(s)		Address		Telephone	
3) Party Manager Greg Southworth		Address (local) TBA		Telephone (local) (989) 965-4131	
4) Project Name or Line Numbers North Sergis 2020 3D - Line Nos. S102 thru S114 (even) R101 thru R137 (odd)					
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	Amt of Charge	Depth	Source points per sq. mi.	No. of sq. mi.	
3-D n/a	n/a	n/a	284.1	1.633	
Size of Hole	Amt of Charge	Depth	Source points per ln. mi.	No. of ln. mi.	
2-D n/a	n/a	n/a	n/a	n/a	
8) Approximate Start Date February 5, 2020			Approximate Completion Date March 15, 2020		

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	T.	R.
	23,24,25,26,36	163N	80W
	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 31, 2020
Signature 	Printed Name James Switzer	Title Agent	
Email Address(es) James.Switzer@HarbingerX.com			

(This space for State office use)		<u>Permit Conditions</u>	
Permit No. 97-0297	Approval Date 2/4/20	<ul style="list-style-type: none"> * 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			



North Sergis 2020 3D

Divestco

OPERATIONS

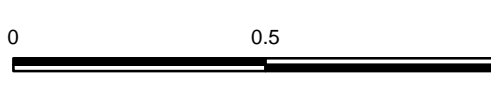
LICENSEE:	BAY GEOPHYSICAL	GEO NO:	
LICENSE NO:	TBA	NTS MAPSHEETS:	
PERMITEE:	TBA	EQUIPMENT:	
PERMIT NO:	TBA	ENERGY SOURCE:	VIBROSEIS
		MAP DATE:	Thursday, January 23, 2020

PROGRAM SUMMARY

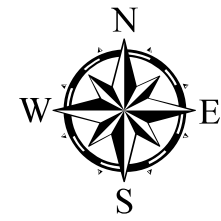
LINE TYPES		LINE TYPES SUBTOTAL
CROSS COUNTRY	█	47.18 km
LANDS CLASSIFICATION SUBTOTAL		47.18 km

PROGRAM TOTAL AREA: 4.3 km²

1:15,000



UTM ZONE	14
DATUM	NAD 83



MAP VERSION

VERSION	DESCRIPTION	DATE
1	Preliminary Plan	
	Operations / Application Map - Line numbers changed to reflect year	Jan 21, 2020

Parameters

Receiver:

Type	single/spike
Active Traces	480
Patch (3D)	All Live
Roll in/out	no
Stn Interval	50.00 m
Line Interval (3D)	200.00 m
Array	none
Center	on stn
Point Count	480 pts
Kilometers	24.00 km
No. of Lines	19 lns

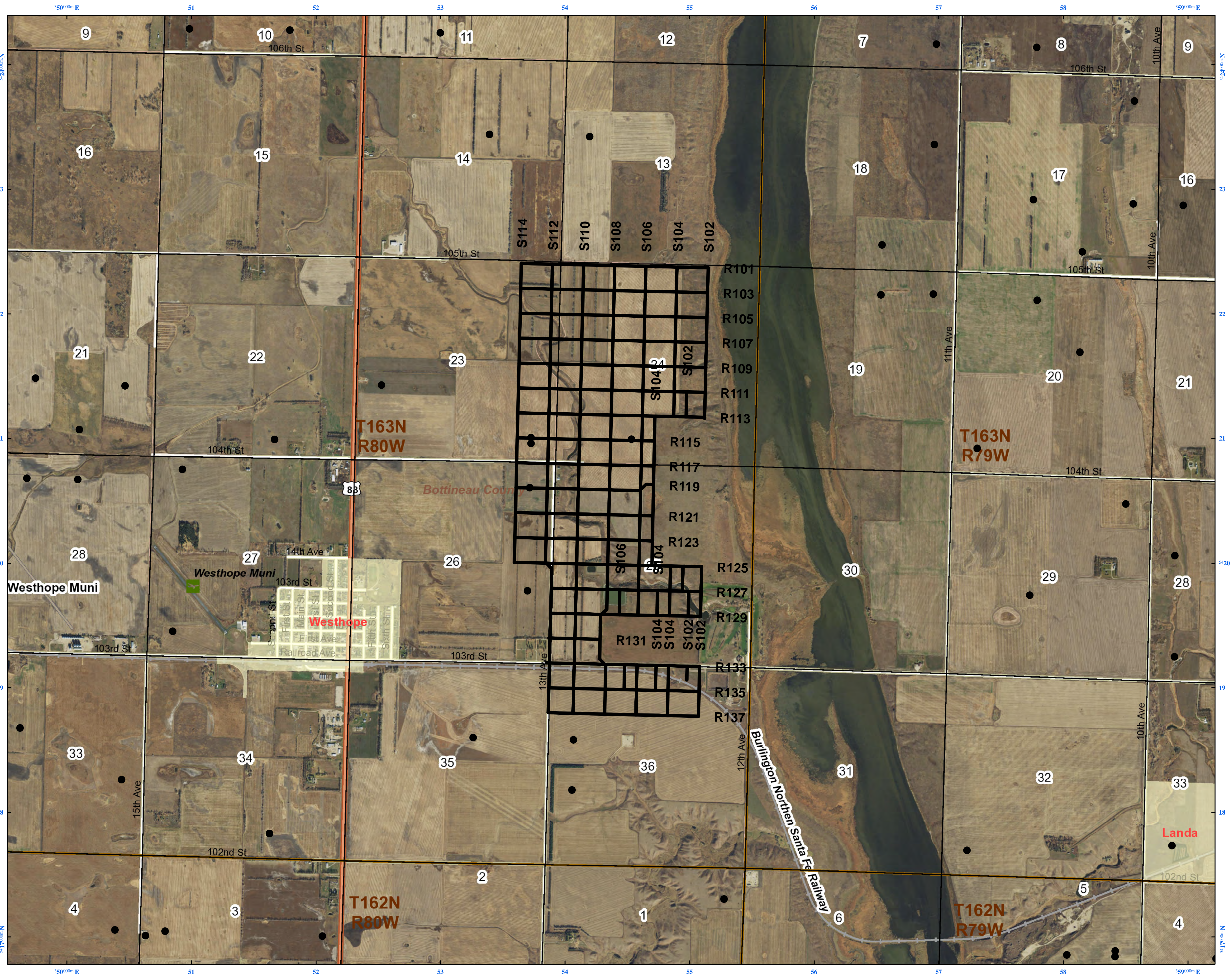
Source:

Type	Dual Vibrator
Effort	10 swps x 12 secs
Stn Interval	50.00 m
Line Interval (3D)	250
Array	2 over ?
Center	on stn
Point Count	464 pts
Kilometers	23.18 km
No. of Lines	7 lns
Extra Source	no

Recording:

Sample Rate	1 ms
Record Length	3 sec

Commencement: Winter 2019/20



IMAGERY:



February 4, 2020

The Honorable Lisa Herbel
Bottineau County Auditor
314 W 5th St. Ste. 10
Bottineau, ND 58318-1204

RE: Geophysical Exploration
Permit #97-0297

Dear Ms. Herbel:

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 permits on February 4, 2020 will remain in effect for a period of one year. The permits 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: 403-542-6713

January 30, 2020

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

Dear Mr. Todd Holweger:

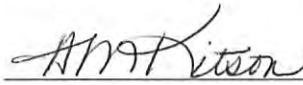
AFFIDAVIT

Canada)
Province of Alberta) S.S.
)

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

I, 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 North Sergis 2020 3D 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 30nd day of January , 20







James Switzer

A NOTARY PUBLIC IN AND)
The Province of Alberta)

My Commission expires: 06/26/20



Harbinger Exploration Corp.

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

SENT VIA EMAIL/COURIER

January 27, 2020

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

Dear Mr. Todd Holweger:

Re: Request for Geophysical Exploration Permit
Geophysical Prospect: North Sergis 2020 3D
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 403-542-6713, or email James.Switzer@HarbingerX.com.

Yours truly,

James Switzer, General Manager
Harbinger Exploration Corp.
James.Switzer@HarbingerX.com

/js
encl.



GEOPHYSICAL EXPLORATION SUNDRY NOTICE - FORM GE 4
 INDUSTRIAL COMMISSION OF NORTH DAKOTA
 OIL AND GAS DIVISION
 600 EAST BOULEVARD DEPT 405
 BISMARCK, ND 58505-0840
 SFN 51458 (03-2011)

Received

PERMIT # 97-0297

JAN 31 2020

ND Oil & Gas
Division

Project Name North Sergis 2020 3D
County Bottineau
Supplemental Information Please see attached: J. Clark Salyer National Wildlife Refuge Commercial Activities Special Use Permit.

Company Bay Geophysical Inc.		Telephone Number (231) 941-7660	
Address 528 Hughs Drive			
City Traverse City		State MI	Zip Code 49696
Signature 		Printed Name James Switzer	
Title Agent		Date January 22, 2020	
Email Address James.SWitzer@HarbingerX.com			

Confirmed w/ Refuge
FOR STATE USE ONLY

<input checked="" type="checkbox"/> Received	<input type="checkbox"/> Approved
Date 2/4/20	
By 	
Title Mineral Resources Permit Manager	



J. Clark Salyer National Wildlife Refuge
Commercial Activities
Special Use Permit
(For Official Use Only)

Permit #: 62620-2020-05

Permit Term: From: 2/1/2020 To: 3/31/2020

- 1) Permittee Name/Business: Phil VanHollebeke, Bay Geophysical, Inc.
- 2) Permit Activity Type: Geophysical Survey(82 Acres on JCSNWR)
- 3) Permit Status: Approved *If approved, provide special conditions (if any) in the text box below.*
 Denied *If denied, provide justification in the text box below.*

See Attached Special Conditions - Bay Geophysical

- 4) Are there additional special conditions attached to the permit? Yes No N/A
- 5) Have details on any Conviction(s) and/or Notice of Violation(s) been received? Yes No N/A
- 6) Are licenses/permits required, and have they been verified? Yes No N/A
- 7) Are Insurance and/or Certification(s) required, and have they been verified? Yes No N/A
- 8) Has a Minimum Requirements Decision Assessment been conducted? Yes No N/A
- If yes, is assessment attached? Yes No

9) Record of Payments: Full Partial Exempt Amount of full payment:

10) Is a surety bond or security deposit required? Yes No N/A

This permit is issued by the U.S. Fish and Wildlife Service and accepted by the applicant signed below, subject to the terms, covenants, obligations, and reservations, expressed or implied therein, and to the notice, conditions, and requirements included or attached. A copy of this permit should be kept on-hand so that it may be shown at any time to any refuge staff

11) Permit approved/issued by: (Signature and title) 12) Permit accepted by: (Signature of permittee)

[Signature] Date: 1/16/2020 *[Signature]* Date: 1/16/2020

General Conditions and Requirements

- 1) Responsibility of Permittee: The permittee, by operating on the premises, shall be considered to have accepted these premises with all facilities, fixtures, or improvements in their existing condition as of the date of this permit. At the end of the period specified or upon earlier termination, the permittee shall give up the premises in as good order and condition as when received except for reasonable wear, tear, or damage occurring without fault or negligence. The permittee will fully repay the Service for any and all damage directly or indirectly resulting from negligence or failure on his/her part, and/or the part of anyone of his/her associates, to use reasonable care.
- 2) Operating Rules and Laws: The permittee shall keep the premises in a neat and orderly condition at all times, and shall comply with all municipal county, and State laws applicable to the operations under the permit as well as all Federal laws, rules, and regulations governing national wildlife refuges and the area described in this permit. The permittee shall comply with all instructions applicable to this permit issued by the refuge official in charge. The permittee shall take all reasonable precautions to prevent the escape of fires and to suppress fires and shall render all reasonable assistance in the suppression of refuge fires.

- 3) Use Limitations: The permittee's use of the described premises is limited to the purposes herein specified and does not, unless provided for in this permit, allow him/her to restrict other authorized entry onto his/her area; and allows the U.S. Fish and Wildlife Service to carry on whatever activities are necessary for: (1) protection and maintenance of the premises and adjacent lands administered by the U.S. Fish and Wildlife Service; and (2) the management of wildlife and fish using the premises and other U.S. Fish and Wildlife Service lands.
- 4) Transfer of Privileges: This permit is not transferable, and no privileges herein mentioned may be sublet or made available to any person or interest not mentioned in this permit. No interest hereunder may accrue through lien or be transferred to a third party without the approval of the Regional Director of the U.S. Fish and Wildlife Service and the permit shall not be used for speculative purposes.
- 5) Compliance: The U.S. Fish and Wildlife Service's failure to require strict compliance with any of this permit's terms, conditions, and requirements shall not constitute a waiver or be considered as a giving up of the U.S. Fish and Wildlife Service's right to thereafter enforce any of the permit's terms or conditions.
- 6) Conditions of Permit not Fulfilled: If the permittee fails to fulfill any of the conditions and requirements set forth herein, the U.S. Fish and Wildlife Service shall retain all money paid under this permit to be used to satisfy as much of the permittee's obligation as possible.
- 7) Payments: All payment shall be made on or before the due date to the local representative of the U.S. Fish and Wildlife Service by a postal money order or check made payable to the U.S. Fish and Wildlife Service.
- 8) Termination Policy: At the termination of this permit the permittee shall immediately give up possession to the U.S. Fish and Wildlife Service representative, reserving, however, the rights specified in paragraph 11 below. If he/she fails to do so, he/she will pay the U.S. Fish and Wildlife Service, as liquidated damages, an amount double the rate specified in this permit for the entire time possession is withheld. Upon yielding possession, the permittee will still be allowed to reenter as needed to remove his/her property as stated in paragraph 11 below. The acceptance of any fee for the liquidated damages or any other act of administration relating to the continued tenancy is not to be considered as an affirmation of the permittee's action nor shall it operate as a waiver of the U.S. Fish and Wildlife Service's right to terminate or cancel the permit for the breach of any specified condition or requirement.
- 9) Revocation Policy: The Regional Director of the U.S. Fish and Wildlife Service may revoke this permit without notice for noncompliance with the terms hereof, or for violation of general and/or specific laws or regulations governing national wildlife refuges, or for nonuse. It is at all times subject to discretionary revocation by the Director of the Service. Upon such revocation the U.S. Fish and Wildlife Service, by and through any authorized representative, may take possession of said premises for its own and sole use, and/or may enter and possess the premises as the agent of the permittee and for his/her account.
- 10) Damages: The U.S. Fish and Wildlife Service shall not be responsible for: any loss or damage to property including but not limited to crops, animals, and machinery; injury to the permittee or his/her relatives or to the officers, agents, employees, or any other(s) who are on the premises from instructions; the sufferance from wildlife or employees or representatives of the U.S. Fish and Wildlife Service carrying out their official responsibilities. The permittee agrees to hold the U.S. Fish and Wildlife Service harmless from any and all claims for damages or losses that may arise to be incident to the flooding of the premises resulting from any associated government river and harbor, flood control, reclamation, or Tennessee Valley Authority activity.
- 11) Removal of Permittee's Property: Upon the expiration or termination of this permit, if all rental charges and/or damage claims due to the U.S. Fish and Wildlife Service have been paid, the permittee may, within a reasonable period as stated in the permit or as determined by the U.S. Fish and Wildlife Service official in charge, but not to exceed 60 days, remove all structures, machinery, and/or equipment, etc., from the premises for which he/she is responsible. Within this period the permittee also must remove any other of his/her property including his/her acknowledged share of products or crops grown, cut, harvested, stored, or stacked on the premises. Upon failure to remove any of the above items within the aforesaid period, they shall become the property of the U.S. Fish and Wildlife Service

Special Conditions

J. Clark Salyer NWR Geophysical Exploration

1. All materials brought onto the Refuge (survey aids, lath, fence posts, pin flags, plastic flagging, litter, etc.) must be removed and properly disposed of no more than three (3) days after survey operations are complete.
2. All fences that have been taken down, cut or otherwise manipulated to allow access to the Refuge must be restored, repaired or replaced to the satisfaction of the Refuge Manager no more than five (5) days after the survey operations is complete; or at the discretion of the Refuge Manager if more time is needed.
3. Bay Geophysical, Inc. and/or its authorized representatives are responsible for the costs to repair, replace or restore any government property that is determined to have been damaged, destroyed or contaminated by Bay Geophysical, Inc. and/or its authorized representatives during project operations. This includes but is not limited to fences, signs, roads/trails, and wildlife habitat. The habitat includes grassland and wetlands consisting of grass, forbs, wildflowers, brush, trees, shrubs, soil, and water.
4. Access to the slopes of the coulee that runs through the middle of the survey are will be limited for heavy equipment due to the steep banks. Special care will required in this area to limit damage to wildlife habitat.
5. The Special Use Permit (permit) "period of use" may be modified at the discretion of the Refuge Manager if there are unforeseen issues with the project operations.
6. Bay Geophysical, Inc. and all authorized representatives shall follow the guidelines outlined in 50 CFR 29.32 on mineral rights reserved and excepted from federal ownership.
7. A major, substantial and intentional violation of the permit or special condition may result in revocation of the permit. A violation of this type may also prohibit Bay Geophysical, Inc. and/or, authorized representatives that are directly responsible for the violation, from receiving a permit for future seismic surveys on USFWS lands.
8. This permit does not supersede the requirement for obtaining necessary permits or approvals from local, county, state, and federal agencies; or from other surface and mineral owners.
9. Permittee will notify Refuge Manger 24 hours before starting work on the Refuge.
10. Permittee will notify Refuge Manager within three (3) days of the completion of work, so final inspection can be made.



HARBINGER
EXPLORATION

North Sergis 2020 3D (Rev3)

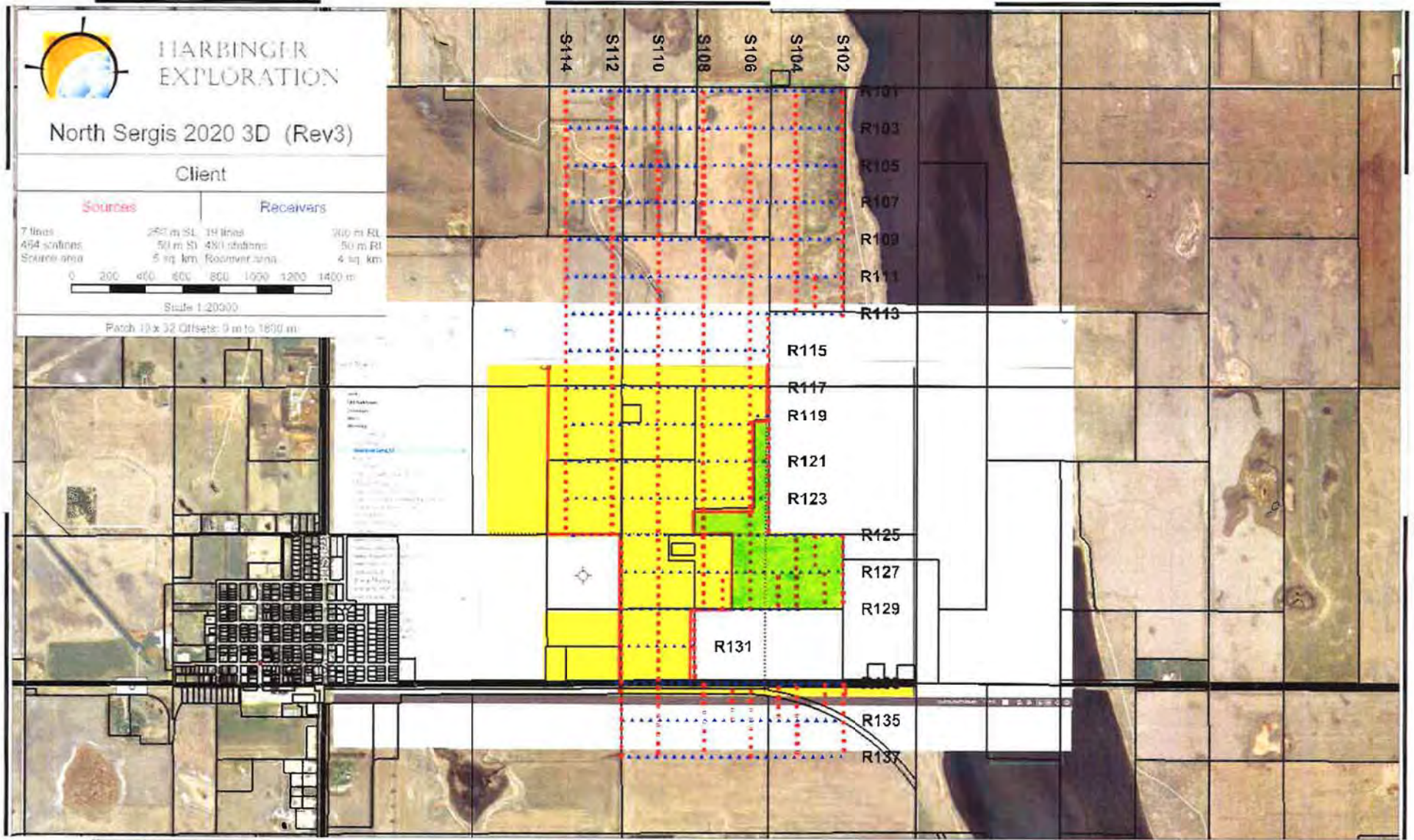
Client

Sources		Receivers	
7 lines	250 m SL	19 lines	200 m RL
494 stations	50 m SI	480 stations	50 m RI
Source area	5 sq km	Receiver area	4 sq km

0 200 400 600 800 1000 1200 1400 m

Scale 1:20000

Patch 13 x 32 Offset: 9 m to 1600 m



101 52

101 51

101 50

101 49

101 48

101 47

48 50

48 49

48 50

48 49



HARBINGER
EXPLORATION

North Sergis 2020 3D (Rev3)

Client

Sources

Receivers

7 lines
464 stations
Source area

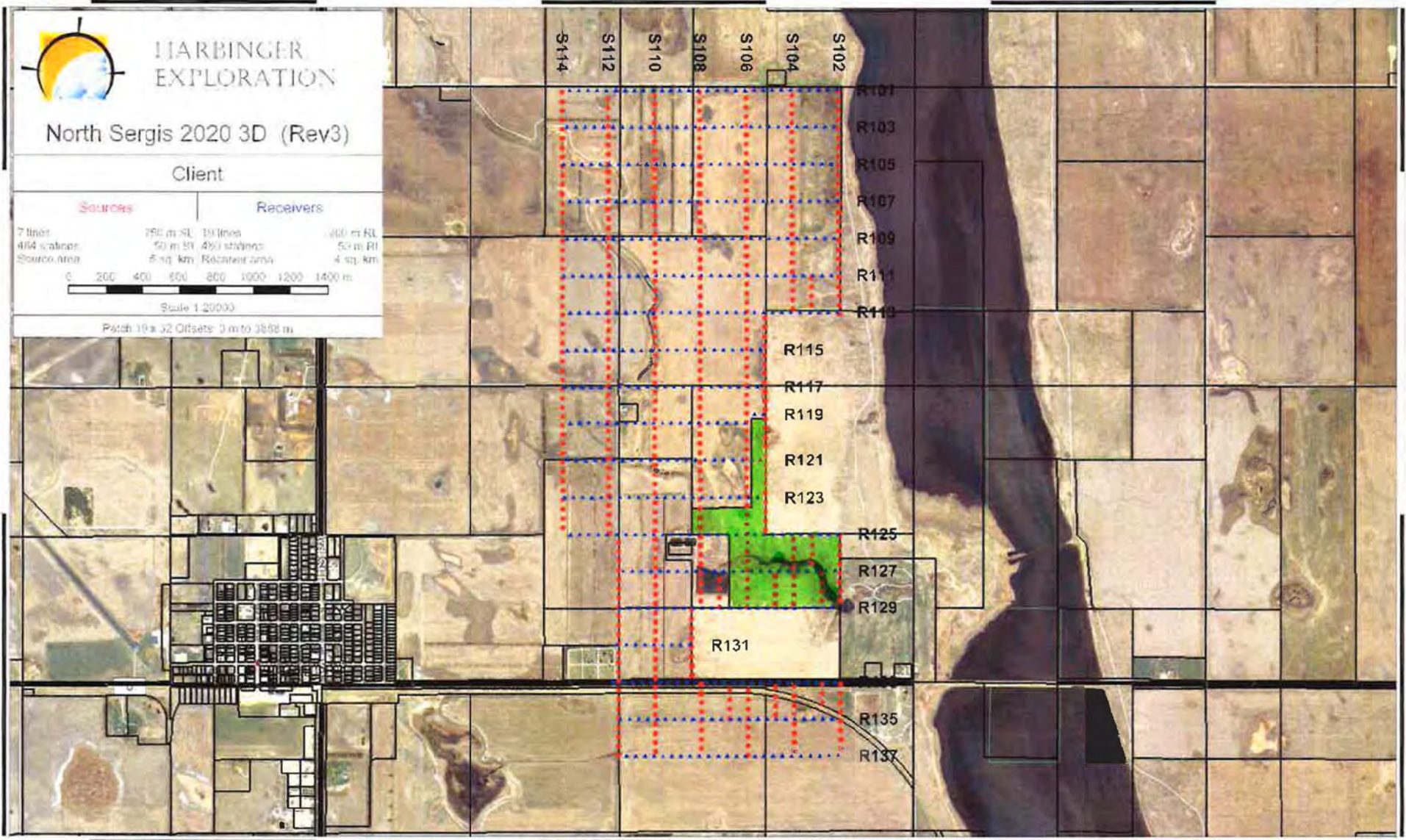
290 m RL 19 lines
50 m RL 460 stations
Receiver area

400 m RL
50 m RL
4 sq. km

0 200 400 600 800 1000 1200 1400 m

Scale 1:20000

Patch 10 x 12 Offsets: 3 m to 3888 m



101 52

101 51

101 50

101 49

101 48

101 47

48 58

48 57

48 56

48 55

48 54

48 53

48 52

48 51

48 50

48 49

48 48

48 47



HARBINGER EXPLORATION

North Sergis 2020 3D (Rev3)

Client

Sources

Receivers

7 lines 297 m SI 14 lines 30 m RI
484 stations 50 m SI 480 stations 50 m RI
2000 lines 5 sq km Receiver area 4 sq km

Scale 1:20000

Patch 19 x 32 Offset: 0 m to 3688 m

